



'Education through self help is our motto' – Karmaveer

Rayat Shikshan Sanstha's



DAHIWADI COLLEGE DAHIWADI

TAL- MAN, DIST- SATARA



SELF-STUDY REPORT

3rd Cycle of Accreditation

Submitted to

National Assessment and Accreditation Council

(NAAC)

Bengaluru

January – 2017



Vision

Transforming the life of perennial drought-hit population through quality higher education with new vistas of knowledge promoting research and inculcating scientific temper.

Mission

- 1. To impart quality education to students from the drought stricken region and channelize youth energy to undertake the task of upliftment of the rural masses.**
- 2. To create socio-environmental awareness among students and masses around inculcating the sense of discipline, self-reliance, secular citizenship and national integrity among students.**
- 3. To acquaint students with modern technology, research and informatics to enable them to face global challenges.**
- 4. To strive for women empowerment and social equality through value added courses and projects.**

Objectives

- 1. To promote research culture among students and faculty making use of modern ICT tools and techniques such as smart board, PPT, etc.**
- 2. To provide a platform for students to enhance their sense of social responsibility, skills and potential to contribute to national development.**
- 3. To promote a holistic development of students inculcating values among them for jobs and good citizenship.**
- 4. To pay special attention towards empowerment of women and water management.**
- 5. To inspire students through personal contact and scholarly qualities, high moral character.**



CONTENTS

Sr. No.	Title	Page No.
	Preface	IV
I	Executive Summary	01
II	Profile of the Institution	08
III	Criteria-wise analytical report	
	i. Curricular Aspects	15
	ii. Teaching-Learning & Evaluation	41
	iii. Research, Consultancy & Extension	85
	iv. Infrastructure & Learning Resources	132
	v. Student Support & Progression	158
	vi. Governance, Leadership & Management	184
	vii. Innovations & Best Practices	219
IV	Evaluative Report of the Departments	
	i. Arts Stream	230
	ii. Commerce Stream	256
	iii. Science Stream	264
V	Post accreditation initiatives	291
VI	Declaration by the Head of the Institution	296
	Annexure I : NAAC: Certificate of Accreditation	297
	Annexure II : Quality Profile	298
	Annexure III: UGC 2(f) & 12(B) certificate	299
	Annexure IV: Peer team report	300



PREFACE

It gives us immense pleasure to submit the Self-study Report of Dahiwadi College Dahiwadi which is run by an eminent educational institution Rayat Shikshan Sanstha, Satara founded by Padmabhushan Dr.Karmaveer Bhaurao Patil. The Rayat Shikshan Sanstha is one of the biggest and premier educational institutes in India as well as Asian continent with an axiom: 'Education through self-help is our motto'. Dahiwadi College Dahiwadi is the first co-educational institution of higher education in drought prone region that provides modern value based education at affordable cost to students for their all round development. The college offers 14 UG, 01 PG in Organic Chemistry, Ph D in Chemistry and Botany and one PG Diploma along with 13 add-on courses. The college has been awarded Lead College Status by Shivaji University, Kolhapur twice. Last year, the college celebrated its Golden Jubilee Year setting visionary action plan for next ten years. The college has taken conscious efforts to fulfill the needs of every stakeholder.

The IQAC directs every faculty to prepare learner-centric teaching plans and update diary with lesson notes. It prioritizes the recommendations given by NAAC peer team and RQMS team paying attention to every quality issue related to the betterment of the college. During last five years, faculty members have attended 356 various programmes. The college has organized 23 university level workshops, 06 state level seminars and 19 national seminars. It has 02 recognized research labs. It has also developed Common Facility Centre (CFC) to facilitate interdisciplinary research. The college has signed 13 MoUs with various institutions and agencies for organizing different activities.

Indoor Sports Complex is the major attraction of the college that enables the institute to organize various sports activities. The college organizes skill development fair, book exhibition, science exhibition and poster presentation. There is also a separate active placement cell and during last four years 201 students got jobs through campus interviews.

The efforts taken by all the stakeholders and their involvement in preparation of this SSR is an example of excellent team work. Their services are very much important in the development of the college in future.

*Place: Dahiwadi
Date: 25/01/2017*

Dr C J Khilare
Principal



Rayat Shikshan Sanstha's
Dahiwadi College Dahiwadi
Tal- Man, Dist- Satara, (Maharashtra) Pin 415508
(An Affiliated College to Shivaji University, Kolhapur)
NAAC REACCREDITATION - THIRD CYCLE
2011-12 To 2015-16
STEERING COMMITTEE

Chairperson:

Prin Dr Khilare Chandrakant Jagannath

Members:

- | | | |
|-----------------------|---|--------------------------------------|
| 1. Dr Dadas A N | : | Coordinator, IQAC |
| 2. Dr Balwant B S | : | Vice Principal & Head, Dept of Hindi |
| 3. Dr Khetre S M | : | Head, Dept of Chemistry |
| 4. Prof Shikalgar M B | : | Head, Dept of Commerce |
| 5. Dr Gaikwad V P | : | Head, Dept of Geography |
| 6. Shri Yadav D Y | : | Member, LMC, DCD |

Working Committees:

Criterion I: Curricular Aspects (100)

Prof M B Shikalgar Chairman & HoD, Dept of Commerce
Prof A Y Kadam, Member Prof S N Pawar, Member
Prof A H Kolekar, Member Prof C B Desai, Member
Prof S S Joshi, Member Prof N D Dabade, Member
Prof S P Raut, Member

Criterion II: Teaching, Learning and Evaluation (350)

Dr S M Khetre Chairman & HoD, Dept of Chemistry
Dr B S Lokde, Member Prof P K Tone, Member
Prof S R Jadhav, Member Dr V D Patke, Member
Prof S H Jadhav, Member Prof B B Jagtap, Member
Prof S T Koli, Member Prof R P Sawant, Member

Criterion III: Research, Consultancy & Extension (150)

Dr V M Mane Chairman, Dept of Education
Dr K M Bhise, Member Prof D K Rasal, Member
Prof S B Waghmode, Member Dr K S Raut, Member
Prof K S Waghmare, Member Prof M D Devkar, Member

Criterion IV: Infrastructure & Learning Resources (100)

Dr B S Balwant Chairman & HoD, Dept of Hindi
Dr M J Lubal, Member Prof K S Shinde, Member
Prof Y M Mahadik, Member Prof M R Bhadane, Member
Prof V S Rupnawar, Member Prof B V More, Member

Criterion V: Student Support & Progression (100)

Dr A U Chopade Chairman, Dept of Chemistry
Prof V V Kambale, Member Dr J M Tamboli, Member
Prof B L Gaikwad, Member Prof L K Waghmare, Member
Prof P R Mane, Member Prof N D Dabade, Member



Criterion VI: Governance, Leadership & Management (100)

Dr V P Gaikwad Chairman & HoD, Dept of Geography
Prof N V Shinde, Member Prof V S Waghare, Member
Prof S R Soban, Member Prof B S Mahanawar, Member
Prof S P Diwate, Member

Criterion VII: Innovative Practices (100)

Dr V S Jamadade Chairman & HoD, Dept of Physics
Prof S N Pawar, Member Prof N D Lokhande, Member
Prof U E Shinde, Member Prof R M Jadhav, Member
Prof S V Kolekar, Member Prof Nitin Naik, Member

Technical Support

Prof N D Dabade Prof V S Rupnawar
Shri D Y Yadav Shri P B Mulani
Smt F M Shaikh Prof A H Kolekar

The Executive Summary

Dahiwadi College Dahiwadi, established in 1965, is one of the leading colleges of Rayat Shikshan Sanstha. The Rayat Shikshan Sanstha is one of the biggest and premier educational institutes in India as well as Asia continent founded by Padmabhushan Dr Karmaveer Bhaurao Patil with axiom: 'Education through self-help is our motto'. The college is grant-in-aid college affiliated to Shivaji University, Kolhapur (MS). It is the best college in Man Tehsil (Satara) imparting modern value-based quality education. The college is situated in drought prone area. Today, the college has 2432 students on its roll with approximately equal percentage of male and female students. With conventional courses like B. A., B. Com. and B. Sc. the college also offers professional courses such as B.C.A., P.G. in Chemistry, and P.G. Diploma in Green Chemistry and Crop Protection under innovative project sanctioned by UGC during 11th plan of worth Rs 53,50,000. During last five years, the college has made a tremendous progress not only in academics but also in sports, cultural activities, research and extension activities. The college has been awarded the Status of Lead College by affiliating university. Recently, Ministry of Human Resource Development, Govt of India sanctioned Rs. 50 lacks under DST FIST programme to enhance and improve science laboratories. The college celebrated its Golden Jubilee Year in 2015 setting visionary plan for next ten years. The college has taken conscious efforts to fulfill the needs of every stakeholder. The efforts are summarized below considering the seven criteria of NAAC.

I. Curricular Aspects

The goals and objectives of the college reflect the social concern. They are implemented through imparting quality education to all particularly to the students from rural, drought prone and socio-economically deprived sections of society. The college offers various self-financing and 'add-on courses' to develop personality and to inculcate moral values among the students.

As the college is affiliated one, academic flexibility is subject to University norms. However, the faculty members contribute to syllabus design and participate in workshops organized on revised syllabus. Besides, the faculty in the college framed the syllabus of COPs and short term courses and the university has approved it. In addition to this, the college has organized seminars, conferences, workshops on revised/draft syllabus during last five years. The faculty participated in workshops, seminars organized by other institutions at various places. Prin. Dr. C. J. Khilare worked as Dean, Faculty of Science, who played a vital role in curriculum design and planning. Dr A N Dadas and Dr S M Khetre also contributed to curriculum design and textbook writing. Consulting with stakeholders, the faculty members sent suggestions to concerned BoS that has made positive impact on redesigning of syllabus.

II. Teaching, Learning and Evaluation

Admissions to the various courses are given as per rules of the University and State Government. Proficiency tests are conducted at the entry level to detect advanced and slow learners and provide them proper guidance. There are centers like Remedial Coaching and Entry in Services for SC/ST students funded by UGC. Along with conventional lecture method, the faculty makes use of modern audio-visual aids like LCD projector, LCD TV, internet, models and charts in teaching. The faculty in the college is well qualified. There are 14 Ph.D, 5 M.Phil and 18 SET/NET/JRF/GATE qualified faculties in the college. To enhance teacher quality, the college deputed faculty to participate in national/international conferences/seminars and training programmes. During last five years, faculty members attended 356 various programmes. The college also has organized 23 University level workshops, 6 State level seminars and 19 National level seminars. As the college has been awarded Lead College Status by Shivaji



University, Kolhapur, it has organized many activities under this scheme and also encouraged students to participate in the activities organized by other colleges. To inculcate and develop different skills among the students the college has introduced 13 needbased add on courses. Placement Cell and Career Counseling Cell organize various activities to develop the personality of students. The college gives a due weightage to the achievements of the students by adopting predominantly student centric teaching-learning process. The college does orientation of faculty regarding the use of modern ICT tools. At the commencement of academic year, the IQAC asks every faculty to prepare learner-centric teaching plans and update diary with lesson notes. Continuous evaluation of students is done through tests, tutorials, group discussions, term end and preliminary exams. The Quality Improvement Committee looks after the overall academic progress of the students.

III. Research, Consultancy and Extension

The Research Committee encourages faculty to undertake research and provides necessary guidance and assistance. As a result, 11 faculty members have completed Ph D, 12 faculty members are pursuing their Ph.D, 18 faculty members have completed Minor Research Projects and 3 faculty members are engaged in their Minor Research Projects funded by UGC. The faculty members have received Rs. 18,51,000/- as research grants from various agencies. During the last five years, 6 patents have been filed by the faculty. The college has two recognized research labs. It has also developed Common Facility Centre (CFC) to facilitate interdisciplinary research. Besides, 7 faculty members are working as Ph D/ M Phil guide and 8 Ph D students and 1 M Phil student have been benefitted by their guidance. The college provides seed money to its faculty to participate and present their research papers in national and international conferences, seminars and workshops. During the last five years, the faculty members have published 147 research papers in various reputed journals and 251 research articles are presented in state/national/international level seminars/conferences. The senior faculty members have deposited huge amount as seed money to promote research work.

The college provides different kinds of consultancies to the community such as soil and water analysis, polyhouse technology, nursery technique, tax awareness. Dept of English provides free of cost consultancy regarding English grammar visiting various schools from nearby villages. The college always takes initiative in the extension activities and outreach programmes. The NSS and NCC department in the college organize various programmes in association with the neighbourhood community for the welfare of society. They organize different activities such as Hb detection, tree plantation, cleanliness and rallies on various occasions. As a result, the NSS and NCC activities have been appreciated at large by people from neighbouring villages. The college has signed 13 MoUs with different institutions and agencies for organizing different activities.

IV. Infrastructure and Learning Resources

The college has six acres ecofriendly campus with 78797.95 sq. fts built up area and 13 acres land with 400 metre track. The college has adequate infrastructure for organizing various activities. During last five years, the college has developed infrastructure as per the visionary master plan. The college has spent Rs. 2,96,02,262/- for augmenting its infrastructure and purchasing modern equipments. The central library is housed in 2176 sq. ft. with one Broad Band mode, Libreria Software and a well furnished reading room. There are three spacious computer labs with 50 computers and necessary software including commerce lab. The college also has 5 VPN modes, 3 Broad Band modes, 1 DTH connection with LCD TV and 13 LCD projectors at different places.



The college has a Women's Hostel having intake capacity of 62 students. Science Wing is rich with four well equipped laboratories with CFC. Indoor Sports Complex is the major attraction of the college that enables to organize various sports activities. The college campus is rich with 13 ICT based classrooms, NSS, NCC rooms, Competitive Exam Guidance Centre, Conference hall, Multipurpose hall, mini language lab, cycle bank, rain water harvesting reservoirs, canteen, ladies corner, boys common room, guest house, Principal's quarter and different demo projects like apiculture, sericulture and vermicomposting. The total campus of the college is made more secure and safe under the surveillance of 16 CCTV cameras. Both the resources, human and infrastructural, are equally enhanced with creation of new resources suitable for changing the scenario.

V. Student Support and Progression

The college provides all necessary support to sports students, differently abled students, economically backward students and students participating in various cultural activities. The college has developed teaching-learning-friendly as well as ecofriendly ambience. The college has spent Rs.32,000/- as a financial aid to the students through Earn and Learn scheme in 2015-16. Tutor-ward scheme is a boon for the students. There are 13 value-added courses to develop life skills among the students. The college organizes skill development fair, book exhibition, and science exhibition and poster presentation. There is an active placement cell and during last four years, 201 students got jobs through campus interviews. The college also encourages the students to participate in extra-curricular activities including sports and games erecting indoor sports complex to fulfill the requirements of the students. During the last five years 292 cadets passed B and C certificate, 03 cadets joined RDC, 21 cadets joined pre-RDC and 14 cadets participated in pre-TSC parade as well as cadet Pisal R Y participated in NIC at Lakshadweep. Ninety two volunteers of NSS participated in university, state and national level camps. Three students have got University merit scholarships, four students have achieved University prizes for best articles. The college organized District Level Youth Festival twice and the students have bagged prizes in folkart, folkdance and orchestra. The college has also organized district level Avishkar Competition twice to enhance research aptitude among the students and staff and many students bagged prizes and participated in national level Avishkar competition.

VI. Governance and Leadership

The college plans all its academic, administrative and extensive programmes in tune with the vision and mission of the college under the guidance of farsighted parent institute Rayat Shikshan Sanstha, Satara. Its organizational structure ensures decentralization of powers and responsibilities. The IQAC is functional and plays the role of catalyst to bring perfect mechanism of the institution pertaining to quality sustenance and enhancement. It prioritizes the recommendations given by NAAC peer team and RQMS team paying attention to every quality issues related to the betterment of the institution. Each department has given partial autonomy for taking initiatives in decision making. Steering committee, HoDs, Coordinators, Chairmans of different committees have freedom to bring success through various activities that indicates decentralization of power. There is an excellent support from all the stakeholders regarding planning and implementation of all activities. The feedback from all the stakeholders helps effectively in decision making, planning and improvements. The college gives representation to the students on various committees.

VII. Innovations and Best Practices

The college always takes conscious efforts to make college ambience ecofriendly. As the college is situated in drought prone area, four rain water harvesting units have



been created having capacity of 35,000 ltrs, 55,000 ltrs, 50,000 ltrs and 30,000 ltrs. Similarly, drip irrigation, recharging bore-wells, waste water management (sewage) are more appreciated efforts of the college. The college has done Green Audit and Enrgy Audit regarding issues like waste water management, trees, pollution and energy. It has also undertaken various activities helpful to create environmental awareness in and outside the college.

The cultural section of the college organized 'mela' (get together) of all traditional folk arts from Man taluka and provided stage to perform their art so as to bring them to the notice of the students.

The department of English provides English Grammar Consultancy to school students and teachers from nearby schools.

The department of Chemistry provides consultancy in soil and water analysis to the farmers and stakeholders from neighbouring villages.

The department of Commerce organizes Skill Development Fair regularly.

The department of Zoology conducts the camps regarding Hb detection continuously.

The central library gives the Best Reader Award to the students and students as well as faculty members donate a book to the library on their birthdays.

The Competitive Exam Guidance Centre guides the students regarding various exams like STI, IBPS, Police recruitment, MPSC, UPSC etc. by organizing lectures of eminent persons.

Women's Hostel uses solar energy for heating water and at the time of load shading that reduces pressure on electricity.

The Science stream organizes Science Exhibition for the students and by the students.

The college has developed a 'Cycle Bank' that helps needy students to attend the classes regularly in time.

The department of English works as a nodal department to conduct 'Weekly News Bulletin: DCD News Ekmat' that helps to collect information related to college campus and takes necessary action. It also helps to develop different skills among students.

Lead College Status has been awarded to the college by Shivaji University, Kolhapur that helps to organize various curricular, co-curricular and extra-curricular activities.

Academic and Administrative Audit (AAA) has been done by RQMS and provided one page report based on SWOC.

Recommendations by the previous peer team for quality enhancement of the institution and compliance:

Sr. No.	Recommendations	Compliance
1	The college may apply to UGC for autonomy and post graduate courses may be introduced	The college has introduced five P.G. Courses viz. M. Sc in Organic Chemistry, M. Phil. in Botany, Ph. D. in Botany, M. Phil. in Chemistry and Ph.D. in Chemistry. The college had applied for PG in Hindi. The issue of autonomy was discussed in LMC and it was resolved to prepare for autonomy.
2.	More program options should be made available to the students	The college has offered 14 new programs viz. B.Sc. in Computer Science, Microbiology for B. Sc. I, 6 COPs and 6 Short Term Courses
3	Office Management, Accounts	The college organized workshops, lectures for



	Training, Time Management and Stress Management training should be given to the teaching and non-teaching staff	teaching and non-teaching staff on time and Stress Management. Non-teaching staff was deputed to participate in the workshops on Office Management, Accounts Training, Yogashibir and Yoga Day.
4	At least one post of regular faculty should be created for new courses introduced by the college on self-financing basis and one administrative officer (full time) for newly created centers.	The qualified faculty is given charge of self-financed courses for smooth functioning of courses and administrative staff for each course is appointed for newly created centers viz. IBPS, Paramilitary Training Center, Competitive Examinations Guidance Center, etc.
5.	More weightage should be given to the continuous evaluation	The college has introduced new mechanism for continuous internal evaluation through tests, preliminary exams, seminars, projects, previous question papers solving, group discussions, open book tests, quiz contests etc.
6	Seed money provided to the faculty for paper presentation should be increased	The college has increased seed money for paper presentation from Rs. 250/- to 500/- . It is generated through the interest on the deposited amount Rs. 5 lakh and management deposited 5 crores.
7	Best practices published by NAAC may be implemented depending upon the need of the students and facilities available in the college.	Best practices published by NAAC from time to time have been implemented considering the need of the students. The college organized two National Seminars sponsored by NAAC and deputed faculty to participate in the similar seminars organized by other institutes. The college introduced Spoken English Course at Entry Level, Yoga studies for stress management, Talley for entrepreneurship development, 6 COPs and 5 Short Term Courses for life skills.
8	Looking to the merging/changing global scenario, functional/Spoken English should be made compulsory for the students	The college has introduced Spoken English Course at Entry Level which is mandatory for all first year students. A COC in Translation and Communicative Proficiency in English has been introduced for final year students.
9	Language laboratory is needed to augment language teaching.	A mini language laboratory has been established to assist language teaching (Marathi, Hindi and English).
10	Regular feedback from stakeholders should be collected on a prescribed Proforma which should be regularly analyzed and important suggestions should be implemented.	The college has collected feedback from stakeholders on regular basis and implemented important suggestions for development of the college. Online feedback mechanism is made available for professional courses.
11	Placement cell should be made	The Placement Cell has organized training



more active and should impart training to students on subjects like communication skills, resume writing, personality development programmes, group discussions, etc.	programmes in collaboration with industries. As a consequence, 201 students got placement through campus interviews organized by ICICI Bank, Arati Drugs Ltd, WIPRO, TCS during the last five years.
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SWOC Analysis

Strengths:

- A well-dedicated Management committed to accept global challenges playing role in the competitive world keeping pace with modern and quality excellence.
- Status of Lead College and Cluster College by the affiliating University.
- Academic reputation of the college due to ample programme options, student strength, quality education, good results, advanced sports facilities under Karmaveer Sports Academy, etc.
- Audited courses such as Yoga, NSS, NCC, Sports, etc. help in overall development of students and quality use of surplus time of the students.
- Excellent support of the alumni and retired teachers.
- Well equipped Science laboratories and healthy relationship among the staff.
- Extensive organization of seminar, conference, workshop
- Lush green and eco-friendly campus with innovative projects.
- Green Audited campus with water, energy and waste management
- Rich and outstanding contribution of faculty in research through healthy and competent research culture
- Qualified and committed staff
- Increasing flow of students
- Sound System of Academic and administrative audit by the parent institution
- Strong community linkages through extension activities
- Ample space with well designed plan
- Digital classroom with 24X7 internet connectivity
- Continuous upgradation of existing infrastructure and creation of new infrastructure
- Promising ambience for research with CFC and two research laboratories with 7 research guides
- Notable research contribution in the form of major and minor research projects
- Principal of the college worked as Dean, Faculty of Science, Shivaji University, Kolhapur for five years

Weaknesses:

- Diverse background and diverse needs of the students.
- Resource scarcity due to remoteness and distant from industry and metro-cities.
- Less linkages/collaborations with national/international agencies
- Lack of PG courses in humanities.
- Inadequate number of permanent faculty due to retirement.



Opportunities:

- To seek autonomy
- To introduce PG courses
- To develop collaborations with National and International agencies
- To attract students towards Science and Technology
- To file more patents
- To implement water conservation programs
- Scope for national/ international linkages
- Strengthening of society oriented outreach programs by enhancing consultancy services
- Empowerment of girl students and students from deprived classes
- Optimum utility of available wind and solar energy

Challenges:

- Fluctuating interest of the students
- Retirement of expert faculty
- Perennial drought
- To generate employability for students
- Organizing international seminar/conference
- Maintenance of infrastructure and lab equipments
- Hiring expertise of trained international faculty



B. Profile of the Affiliated /Constituent College

1. Name and address of the college:

Name: Rayat Shikshan Sanstha's Dahiwadi College Dahiwadi Address: Satara- Solapur Road, opposite MSEB City: Dahiwadi Pin: 415508 State: Maharashtra
--

2. For communication:

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr. C. J. Khilare	O: 02165 220231	9423802920	02165 220231	dcdprincipal@gmail.com
Vice Principal	Dr. K. M. Bhise	O: 02165 220231	9890278243	02165 220231	dcdprincipal@gmail.com
	Dr. B. S. Balwant	O: 02165 220231	9423803062	02165 220231	dcdprincipal@gmail.com
Steering Committee Co-ordinator	Dr. A. N. Dadas	O: 02165 220231	9421121484	02165 220231	anildadas@yahoo.co.in

3. Status of the of Institution :

Affiliated College	<input type="checkbox"/>
Constituent College	<input checked="" type="checkbox"/>
Any other (specify)	<input type="checkbox"/>

4. Type of Institution:

a. By Gender	<input type="checkbox"/>
i. For Men	<input type="checkbox"/>
ii. For Women	<input type="checkbox"/>
iii. Co-education	<input checked="" type="checkbox"/>
b. By shift	<input type="checkbox"/>
i. Regular	<input type="checkbox"/>
ii. Day	<input checked="" type="checkbox"/>
iii. Evening	<input type="checkbox"/>

5. Is it a recognized minority institution?

Yes	<input type="checkbox"/>
No	<input checked="" type="checkbox"/>

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence. ---

---	<input type="text" value="--"/>
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6. Source of funding:

Government	<input type="checkbox"/>
Grant-in-aid	<input checked="" type="checkbox"/>



Self-financing

Any other

7. a. Date of establishment of the college: 15/06/1965 (dd/mm/yyyy)
 b. University to which the college is affiliated /or which governs the college (If it is a constituent college)
 c. Details of UGC recognition:

Shivaji University, Kolhapur

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2 (f)	15/06/1965	--
ii. 12 (B)	15/06/1965	--

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

- d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section/clause	Recognition/Approval details Institution/Department/ Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
i.	--			
ii.				
iii.				
iv.				

(Enclose the recognition/approval letter)

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes

No

If yes, has the College applied for availing the autonomous status?

Yes

No

9. Is the college recognized
 a. by UGC as a College with Potential for Excellence (CPE)?

Yes

No

If yes, date of recognition: (dd/mm/yyyy)

- b. for its performance by any other governmental agency?

Yes

No

If yes, Name of the agency and

Date of recognition: (dd/mm/yyyy)

10. Location of the campus and area in sq.mts:

Location *	Rural
Campus area in sq. mts.	76890.3 sq. mts. (19 acres)
Built up area in sq. mts.	7320.56 sq. mts.

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex with infrastructural facilities:



- Sports facilities
 - * play ground
 - * swimming pool
 - * gymnasium **Yes**
- Hostel
 - * Boys' hostel
 - i. Number of hostels
 - ii. Number of inmates
 - iii. Facilities (mention available facilities)
 - * Girls' hostel **01**
 - i. Number of hostels **01**
 - ii. Number of inmates **72**
 - iii. Facilities (mention available facilities)
 - * Working women's hostel
 - i. Number of inmates
 - ii. Facilities (mention available facilities)
- Residential facilities for teaching and non-teaching staff (give numbers available -- cadre wise)
- Cafeteria --
- Health centre –
 First aid, Inpatient, Outpatient, Emergency care facility, Ambulance.....
 Health centre staff –
 Qualified doctor Full time Part-time
 Qualified Nurse Full time Part-time
- Facilities like banking, post office, book shops
- Transport facilities to cater to the needs of students and staff:
Public transport
- Animal house
- Biological waste disposal
- Generator or other facility for management/regulation of electricity and voltage
- Solid waste management facility
- Waste water management
- Water harvesting

12. Details of programmes offered by the college (Give data for current academic year)

2015-16

Sl. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student strength	No. of students admitted
1	Under-Graduate	B.A. B.Com B.Sc B.C.A	3 years	12 th Pass	Marathi Marathi English English	1080 600 840 240	1055 450 731 144
2	Post-Graduate	M.Sc. Chem.	2 years	B.Sc.	English	44	44



3	Integrated Programmes P G		-	-	-	-	-
4	Ph.D.	Chem. Bot.	5 years	P. G.	English	20	08
5	M.Phil.	Chem. Bot.	2 years	P. G.	English	20	-
6	Certificate Courses	1. Trans. & Comm. Proficiency	1 year	12 th Pass	English	80	33
		2. Yoga	1 year	12 th Pass	Marathi	400	322
		Computer Accountancy Tally Package	1 year	12 th Pass	English	120	155
		Biotechnology	1 year	12 th Pass	English	200	158
		Watershed Mgt.	1 year	12 th Pass	English	200	114
		Soil and Water Analysis	1 year	12 th Pass	English	200	99
7	UG Diploma	-	-	-	-	-	-
8	PG Diploma	Green Chemistry & Crop Protection	1 year	Graduate	English	20	20
9	Any Other (specify and provide details)	Foundation Course in Human Rights	6 months	12 th Pass	Marathi	100	62

13. Does the college offer self-financed Programmes?

Yes No

If yes, how many?

14. New programmes introduced in the college during the last five years if any?

Number

15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Particulars	UG	PG	Research
Science	05	01	04
Arts	07	--	--
Commerce	01	--	--
Any Other not covered above : BCA	01	--	--



16. Number of Programmes offered under (Programme means a degree course like BA, BSc,MA,M.Com...)

- a. annual system

--

- b. semester system

15

- c. trimester system

--

17. Number of Programmes with

- a. Choice Based Credit System

01

- b. Inter/Multidisciplinary Approach

02

- c. Any other (specify and provide details)

--

18. Does the college offer UG and/or PG programmes in Teacher Education?

Yes No

If yes,

a. Year of Introduction of the programme(s)..... (dd/mm/yyyy) and number of batches that completed the programme

--

b. NCTE recognition details (if applicable)
Notification No.:
Date: (dd/mm/yyyy)
Validity:.....

c. Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes No

19. Does the college offer UG or PG programme in Physical Education?

Yes No

If yes,

a. Year of Introduction of the programme(s)..... (dd/mm/yyyy) and number of batches that completed the programme

--

b. NCTE recognition details (if applicable)
Notification No.:
Date: (dd/mm/yyyy)
Validity:.....

c. Is the institution opting for assessment and accreditation of Physical Education Programme separately?

Yes No

20. Number of teaching and non-teaching positions in the Institution (as on 2011-12)

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC /University/State Government <i>Recruited</i>	1	1	5	--	19	2	20	2	--	--
<i>Yet to recruit</i>	1	1	--	--	6	13	10	12	--	--
Sanctioned by the Management/society or other authorized bodies <i>Recruited</i>	--	--	--	--	25	22	--	--	--	--
<i>Yet to recruit</i>	--	--	--	--	--	--	--	--	--	--

*M-Male *F-Female



21. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	1	1	2	-	8	1	12
M.Phil.	1	-	1	-	3	1	6
PG	-	-	2	-	11	2	15
Temporary teachers							
Ph.D.	-	-	-	-	3	-	3
M.Phil.	-	-	-	-	2	-	2
PG	-	-	-	-	25	19	44
Part-time teachers							
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	1	-	-	-	1

22. Number of Visiting Faculty /Guest Faculty engaged with the College.

02

23. Furnish the number of the students admitted to the college during the last four academic years.

Categories	2012-13		2013-14		2014-15		2015-16	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	91	68	99	89	118	103	100	121
ST	00	01	00	00	04	00	02	01
OBC	369	319	459	386	529	429	553	448
General	338	479	396	522	460	599	545	674
Others	-	-	-	-	-	-	-	-

24. Details on students enrollment in the college during the current academic year:15-16

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	2334	62	-	08	2404
Students from other states of India	--	--	--	--	--
NRI students	--	--	--	--	--
Foreign students	--	--	--	--	--
Total	2334	62	-	08	2404

25. Dropout rate in UG and PG (average of the last two batches)

UG

2.045%

PG

NIL

26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled) 15-16

(a) including the salary component

Rs. 18307.11

(b) excluding the salary component

Rs. 3843.41

27. Does the college offer any programme/s in distance education mode (DEP)?

Yes



No



If yes,

a) is it a registered centre for offering distance education programmes of



another University

Yes No

b) Name of the University which has granted such registration.

Yashwantrao Chavan Maharashtra Open Uni.. Nashik

c) Number of programmes offered

d) Programmes carry the recognition of the Distance Education Council.

Yes No

28. Provide Teacher-student ratio for each of the programme/course offered - 1 :33

29. Is the college applying for Accreditation : Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-Assessment:

(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re-accreditation)

30. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: 19/10/2004 (dd/mm/yyyy) Accreditation Outcome/Result C++.

Cycle 2: 26/10/2010 (dd/mm/yyyy) Accreditation Outcome/Result B (2.79)

* **Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.**

31. Number of working days during the last academic year.

247

32. Number of teaching days during the last academic year

(Teaching days means days on which lectures were engaged excluding the examination days)

197

33. Date of establishment of Internal Quality Assurance Cell (IQAC)

IQAC 26/06/2006 (dd/mm/yyyy)

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

AQAR (i) 28/09/2012 (dd/mm/yyyy) 2011-12

AQAR (ii) 28/09/2013 (dd/mm/yyyy) 2012-13

AQAR (iii) 18/10/2014 (dd/mm/yyyy) 2013-14

AQAR (iv) 29/09/2015 (dd/mm/yyyy) 2014-15

AQAR (v) 15/10/2016 (dd/mm/yyyy) 2015-16

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)

1. Principal Dr. C. J. Khilare Worked as Dean, Faculty of Science, Shivaji University, Kolhapur

**CRITERION - I: CURRICULAR ASPECTS****1.1 CURRICULUM PLANNING AND IMPLEMENTATION****1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.**

Dahiwadi College Dahiwadi was established in 1965 by Rayat Shikshan Sanstha, the largest educational institution in Asia continent. Founded in 1919 by Padmabhushan Dr. Karmaveer Bhaurao Patil, the Rayat Shikshan Sanstha has been working for a century with its motto “Education through self-help” and has become a role model for social transformation through quality education.

VISION
Transforming the life of perennial drought-hit population through quality higher education with new vistas of knowledge promoting research and inculcating scientific temper.

MISSION
<ol style="list-style-type: none">1. To impart quality education to students from the drought stricken region and channelize youth energy to undertake the task of upliftment of the rural masses.2. To create socio-environmental awareness among students and masses around inculcating the sense of discipline, self-reliance, secular citizenship and national integrity among students.3. To acquaint students with modern technology, research and informatics to enable them to face global challenges.4. To strive for women empowerment and social equality through value added courses and projects.5. To inspire students through personal contact and scholarly qualities, high moral character.

Objectives

- To promote research culture among students and faculty providing incentive of modern ICT tools and techniques.
- To provide platform for enhancement of skills with a sense of social responsibility to contribute the national development.
- To strive for holistic development of students enabling them to acquire professional skills and etiquettes so as to get jobs.
- To pay special attention towards empowerment of women through inculcating employability skills among girl students.
- To promote a culture of tolerance, ecumenism and harmony so as to train students to become global citizens.



- To create water literacy among students through various short term courses enabling them to overcome scarcity of water in the perennial drought stricken region.
- To strive for excellence through academic partnership, collaboration and by cherishing academic freedom.

COMMUNICATION OF VISION, MISSION, AND OBJECTIVES:

1. The vision, mission and objectives of institution are communicated to students through Principal's address and interaction, college website, prospectus, annual magazine 'Adwait', and display on boards.
2. The staff is communicated through staff meetings, committee meetings, college website and annual magazine 'Adwait'.
3. The stakeholders are made aware of these through parent meetings, alumni meetings annual magazine and 'Adwait'. Besides the institution published a souvenir entitled 'Manbindu' during its golden jubilee year.

1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).

DEVELOPMENT OF ACTION PLAN:

- The academic calendar is prepared before the commencement of each academic year stating the proposed curricular, co-curricular and extracurricular activities as well as evaluative programmes.
- The annual teaching plan is designed by each faculty as per the workload assigned and is approved by head of department and faculty-in-charge. It includes month wise plan of units to be taught.
- The academic diary is maintained by each faculty stating individual time table, annual teaching plan, list of text books and reference books, class and subject wise teaching/practical programmes. It also includes examination related work, co-curricular, extension and professional development related activities.
- Organization of Teacher training programs and workshop on draft/revised syllabi. Whenever there is change in syllabus by the university, a workshop is arranged in this regard by the institute. Faculty members attend such workshops conducted by other institutes.

DEPLOYMENT OF ACTION PLAN:

- Principal's general meeting, meeting with head of departments and chairman of different committees.
- Time-table committee prepares the general time-table at the beginning of the academic year and it is displayed on notice boards and college website.
- The syllabus is assigned to the faculty in presence of Head of department.
- A review about the syllabus completion is taken periodically in the department meetings.



- A review of the departmental progress is taken by the Principal.
- Faculty submits the syllabus completion reports to the head at the end of each term and head of department reports to principal.
- Curriculum is effectively transmitted through field visit, survey, projects, quiz contest, exhibition, GD, wallpapers and lecture series etc.
- Preliminary examination is conducted. Home assignment is given to students. Lectures are arranged for slow learners.
- Feedback on faculty is taken from students at the end of every academic year.

1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?

1. The Parent Institute Rayat Shikshan Sanstha organizes lectures of eminent persons for principals and faculty.
2. The parent institute also organizes workshops for Principals.
3. The institution provides duty leave, TA, and DA to attend outdoor draft syllabus workshops; faculty is also encouraged to work as resource person in such workshops.
4. The institution also provides hands-on training to faculty and the facilities like internet connectivity, ICT to each department.
5. The institution encourages and deposes faculty to attend refresher, orientation, short term courses, and avail duty leave under faculty development programme (FDP).
6. Library is rich with huge collection of books and on-line resources.
7. Laboratories are well equipped with new sophisticated instrument/ equipments with the help of funding from UGC and DST-FIST.
8. The affiliating university gives financial assistance to organize workshops, seminars and conferences. The details of the workshops on revised syllabus are as follows:

Name of Dept.	Class	Date	Amount
Chemistry	B.Sc. III P. XI& P.XV	3/08/2012	20000
	B.Sc. III P. XIII	25/08/2013	20000
	M.Sc. II Org. Chemistry	20/12/2013	5000
	B.Sc. III P-XII and XVI	25/08/2015	20000
Botany	B.Sc. II	30/7/2011	20000
Botany	B.Sc. III	27/7/2012	20000
Botany	B.Sc. II	31/7/2014	20000
Zoology	B.Sc. III	31/7/2012	20000
English	B. Com. II	21/08/2014	20000
	B. A. III	26/08/2015	20000
Hindi	B. A. I P 1&2	213/8/2013	20000
IQAC	Workshop on Exam Reform	14/08/2012	20000

**OTHER WORKSHOPS/PROGRAMMES SUPPORTED BY UNIVERSITY**

Name of workshop/programme	Date	Amount
Workshop on Avishkar-Orientation Programme	12/11/2014	20000
District Level Avishkar	28/12/2012	40000
District Level Avishkar	17/12/2014	40000

9. Besides, activities related to academic, sports, research and extra-curricular and cultural activities are conducted under Lead College Scheme.

1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other Statutory agency.

For effective delivery and transaction of the curriculum the following measures are taken:

- Course objectives are discussed through initial lectures.
- Institute promotes use of technology in support of teaching learning and research by providing following facilities:
 - ICT Class Rooms
 - Wi-Fi, LAN
 - INFLIBNET
 - 5 Computer Laboratories
 - Each department is provided with computer/laptop and internet facility.
- Institute organized 12 different workshops on revised syllabus.
- The institute deputed its faculty to participate in workshops, seminars, conferences, orientation and refresher courses.
- Annual teaching plan of faculty is reviewed periodically in the department meetings. If necessary, suggestions are given to respective faculty to improve teaching.
- The faculty conducts unit tests, seminars, home assignments.
- Question banks, PPT banks are made available for students.
- Following initiatives are taken to promote environment awareness among the students:
 - Energy conservation by using LED bulbs
 - Plantation
 - Use of solar energy
 - Rainwater harvesting project: 4 reservoirs of 170000 liters capacity.
 - Institute has 3 bore wells recharged with rainwater harvesting.



- Celebration of Environment Day, Ozone Day, Geography Day every year and No Vehicle Day on second Saturday of every month.
- Innovative Programme: Post Graduate Diploma in Green Chemistry & Crop Protection
- Value based education is imparted through curricular and co-curricular activities such as playing national anthem at 11.30 a.m. on working days, celebration of birth and death anniversary of social reformers and Karmveer lecture series.
- Values like national integration, social responsibility are imbibed through NSS, NCC activities.
- The institute conducts activities like Project Work, Industry Visit, Study Tours, Campus Interviews, Language Association, Science Association, Commerce and Social Science Associations for holistic development of students.
- Various programmes are organized on global and national issues viz. guest lectures, AIDS awareness, Women Empowerment, Health Awareness, and celebration of Hindi Day, Population Day, Water Conservation and Global Warming.
- Skills among the students are developed through Career Oriented Courses and Short Term Courses.
- The institute strives to achieve excellence in research in the following ways:
 - Institute has competent faculty with higher qualification M. Phil., Ph.D. and NET/SET.
 - CFC is well equipped with instruments such as AAS (Rs. 12,50,000/-), FTIR (Rs. 8,50,000), Flame Photometer Micro Processor (Rs. 79,200/-), Rotor Evaporator (Rs. 3,75,000/-)
 - The institute has 5 recognized M. Phil. / Ph.D. Research Guides and 13 research scholars are working under their supervision.

1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalisation of the curriculum?

The institute has established MoUs with renowned research institute and industries for sharing library and laboratories and research facilities. Till date the institute has signed MoUs with following industries, research bodies and university:

Sr. No.	Department	Collaborative Institute	Contribution to the development of the institution
Industry			
	Parent Institute	WIPRO TCS	Career counseling and placement of students
Institute			



1	Physics	Influence Computer Institute Shahupuri, Kolhapur	Career counseling and placement of students,
2	Chemistry	1. Priyadarshani Milk, Dahiwadi 2. Atul and Atul Milk Product, Dahiwad	Sharing of practical knowledge, Collaboration in National Seminar
Research Bodies			
1	Botany	1. Nimbkar Seeds Private Limited, Phaltan, Dist-Satara (M.S.) 2. Yashwantrao Chavan Institute of Science, Satara	Exchange of research talent and sharing of research laboratories
2	Commerce	1. Mandeshi Foundation, Mhaswad 2. K.B.P.I.M.R., Satara	Exchange of faculty and research related work Sharing syllabus for short term courses
3	Chemistry	1. Yashwantrao Chavan Institute of Science, Satara 2. Karmveer Bhaurao Patil Mahavidyalaya, Pandharpur	Exchange of soil and water analysis facilities

UNIVERSITY:

The following faculty represented on the various university bodies and contributed to the development of curriculum at University as well as institution level:

- Prin. Dr. C. J. Khilare worked as **Dean, Faculty of Science**, Shivaji University, Kolhapur
- Prin. Dr. C. J. Khilare and Dr. R. R. Mulla worked as **Member of Board of Studies**, Shivaji University, Kolhapur
- Prin. Dr. C.J. Khilare worked as **Member of Senate and Academic Council**, Shivaji University, Kolhapur
- Dr. S. M. Khetre and Dr. A. N. Dadas worked as **Member of Syllabus Draft Committee**, Shivaji University, Kolhapur
- The institute has university recognized research lab for M.Phil. and Ph.D. in Chemistry and Botany and 13 students are pursuing their M.Phil/Ph.D.
- Faculty members actively participate in curriculum designing, question paper setting, evaluation and conduction of examination of Shivaji University.
- Departments of Physics organizes industrial visits and the students of life sciences visit to different places of Botanical and Zoological Interest to understand flora and fauna and its application in agricultural industry.
- Dr. Jamdade V.S. from Dept of Physics has completed his Post-Doctoral research work at National Central University Zuongli (Taiwan)



- During the last four years 201 students have procured placement in different industries.

1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.

During the last four years, faculty members have made significant contribution to the development of the curriculum in different capacity:

Sr. No.	Name of Faculty	Subject	Class	Nature of Participation	Year
1	Prin. Dr. C. J. Khilare	Botany	Science Faculty	Dean, Faculty of Science; Senate Member; BOS Member	From 2011
2	Dr. A. N. Dadas	English	B. Sc. I	Member, Syllabus Draft Committee	2011
3	Dr. S. M. Khetre	Chemistry	B.Sc.I,II and III	Member, Syllabus Draft Committee	From 2011
4	Dr. A. N. Dadas Dr. B. S. Lokde Prof. N. T. Phase	English	Spoken English Course	Member, Syllabus Draft Committee	2011
5	Prof. Y. T. Shinde Prof. Kamble V.V.	Botany	COC: Bio Technology	Member, Syllabus Draft Committee	2012
6	Prof.V.N.Kshirsagar Prof. M. B. Shikalgar	Commerce	COC: Computer Accountancy Tally Package	Syllabus Draft Committee Member	2012

The institute has organized 13 workshops on revised syllabus during last five years. The institution maintains feedback from students, alumni, industry and parents.

- 1) As per the feedback of stakeholders the institute has started new programs such as certificate as well as short term courses.
- 2) Entire syllabus of certificate courses funded by UGC such as Computer Accountancy Tally Package, Yoga Studies, Bio-Technology, Translation and Communicative Proficiency, Watershed Management, P G Diploma in Green Chemistry and Crop Protection, Soil and Water Analysis are designed by the faculty, approved by Shivaji University Kolhapur.

1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If 'yes', give details on the process (Needs Assessment', design, development and planning) and the courses for which the curriculum has been developed.

Yes, the entire curriculum for the following courses has been developed by the concerned faculty:



Certificate Course	Need Assessment	Design and Development	Planning
1. Yoga Studies	This course is beneficial for reduction of stress, stress-induced diseases, depression, panic attacks, anxiety, cardiovascular stress, high blood pressure, rehabilitation, addiction problems, etc. Yoga Games also improve concentration, memory, dexterity, and stamina.	It is the annual course conducted by gymkhana. After completion of this course, the beneficiaries are able to maintain good health. They may teach yoga to the general public to prevent diseases, promote positive health and bring harmony and peace in the society.	This course is planned for one year duration having total 180 contact hours. Syllabus of said course is formulated as per the need of the students. The course is combination of two theory papers and one practical paper.
2. Translation and Communicative Proficiency	To improve communication skills. To foster global competencies among the students.	One year program having three papers of 100 marks each and one of them is practical based. Professional faculty members are invited to guide the students.	The syllabus of the programme is completed during the academic year. Practical and fieldwork is arranged.
3. Foundation Course in Human Rights	To make students confident, self-reliant and employable. To create awareness about human values, fundamental rights for the entire world peace.	The course includes the study of human rights. It is divided in ten topics including human rights, fundamental rights and duties	The syllabus is formulated as per Shivaji university norms. The duration of this course is three months (December – February)
4. Computer Accountancy Tally Package	The expansion of MIDCs in Satara district lead to growing number of job opportunities as a Tally Accountant. Therefore, the said course is very significant for commerce students to get jobs.	The course includes the study of Tally ERP9. The said course is divided in three papers which include Basic Accounting, Creation of Reports, Inventory Accounting, Payroll, Processing of TDS, Service Tax and VAT.	The syllabus of the programme is completed during the academic year. Practical and fieldwork is arranged.
5. Watershed Management and Technology	To acquire knowledge of watershed, water conservations, and use of water etc. being the need of perennial drought prone region	To impart the knowledge of watershed management and technology making aware of natural resources and environment.	This is annual course designed in two papers along with practical to overcome the problems of the region.



6. Soil and Water Analysis	As per the need of the stakeholders from this drought prone region, the students analyze the water and soil sample by using physical and chemical analytical method.	This course is conducted by Department of Chemistry that help students to get jobs in nearby industry. The course provide information of soil and water analysis by using physical and chemical methods.	This course is planned for one year duration having 300 contact hours. Syllabus is formulated as per need of the region which includes two theory papers and one practical paper
7. Biotechnology	To inculcate knowledge about recent technique in biotechnology.	This course is conducted by Department of Botany that helps to improve fundamental skills in basic studies of biotechnologies. The students have research opportunities as well as opportunities for professional development	The syllabus of course is framed for one year having 180 contact hours. It is formulated as per need of life science students. The course comprises two theory papers and one practical paper.

SHORT TERM COURSES :

Name of Course	Need Assessment	Design and Development	Planning
Tourism	As Man Tehsil is entirely drought-prone and rural, there is lack of employment opportunities, however there is great potential for pilgrim tourism (Tourist places like Gondawale, Shikhar Shingnapur are famous shrines in Maharashtra)	The course is designed in such a manner that students are able to know types of tourism destinations in Maharashtra, factors affecting on Tourism, Problems of Tourism and opportunities in tourist places from local to national level	The course is of three month duration for B.A. III Geography students, which helps them to develop skills of tourism industry and also become employable in pilgrim tourism.
Household Chemicals	The course enables Chemistry graduates to apply their theoretical knowledge in day-to- day life. It has scope for self-employability	The course is of 3 months duration having 120 contact hours. The syllabus is divided into theory and practical units.	The course plans to teach theory and make various household articles in a span of three months.
Tailoring	To train stitching operations and basic pattern making.	Tailoring is a skill-based course. After completing the course,	There is combination of theory and practical



	To impart necessary competencies to enhance employability	trainee will be able to convert given pattern designs into pattern for individual measurement	instruction. The course is of three months duration.
Rural Journalism	Opportunities of jobs in print and electronic media Scope for self-employability	The course provides ample opportunities to Arts graduates for career in Media. It is specially designed for rural students taking into account their needs and capacities.	The course is conducted by Hindi, Marathi departments. It is of 3 months duration having 40 contact hours.
Personality Development	Taking into account the demand from corporate sector, graduates from rural area need to mould their personality accordingly. They require special training regarding corporate manners and communication skills.	The course is run by N.C.C. and it is open to all students. It is of three months duration. The syllabus contains all required aspects of personality development with number of success stories.	Syllabus is completed in 40 contact hours. Guest lectures are also planned.
Library Training Course	To provide practical knowledge for job opportunity to the students in the field of library. To increase reading culture among the students.	This is a short term course run by the college seeking approval from university. This course helps students to get jobs in public as well as academic library. It also provides opportunity to start their own library.	The syllabus of the course is framed for three months. It is formulated to inculcate job skills among the students, hence the course comprises of theory as well as practical work.
Spoken English at Entry Level	Students from rural area are good at reading and writing but they do require training in spoken English. The training at early level is much more useful.	The syllabus is designed as per corporate requirements. It is based on core skills such as listening, speaking, and conversation.	The course is planned for first year students from all streams. It consists of 120 contact hours divided into theory and practical.
Human Resource Development (HRD)	To develop human resource through capacity building. To boost ideal citizenship making them aware of human values.	The syllabus is designed for final year students of History, Political Science and Economics. It is prepared with the objectives of inculcating moral values among the students.	The duration of this course is 3 months. Guest lectures and invited talks are organized.

**1.1.8 How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?**

Achievement of objectives of curriculum is measured in following terms:

- Promising results of the students in final examination of UG and PG level
- Percentage of students pursuing higher education
- Placement of students in various fields
- Achievements of students in curricular and extracurricular activities
- Performance in Unit Tests, Home Assignments, Tutorials and preliminary exam
- Some students have secured posts through competitive examination
- Students' feedback
- Quality Enhancement of faculty through research publications and research projects

1.2 ACADEMIC FLEXIBILITY**1.2.1 Specifying the goals and objectives give details of the certificate/diploma/ skill development courses etc., offered by the institution.**

To inculcate core social values such as sense of service, devotion to duty, selflessness, self sacrifice and self control, tolerance and respect for the views of the others, resoluteness, honesty, truthfulness and integrity the IQAC recommended to conduct following skill development courses considering the suggestions given by stakeholders in this regard:

Foundation Course in Human Rights:

Diploma	Goals and objectives
Foundation Course in Human Rights	To make students confident, self-reliant and employable. To create awareness about human values, fundamental rights for the entire world peace.

UGC-COP:

Stream	Certificate Course	Goals and objectives
Arts	1. Yoga Studies	To prepare students physically and mentally well. To provide technique of Stress Management.
	2. Translation and Communicative Proficiency	To improve communication skills To foster global competencies among the students.
Commerce	3. Computer Accountancy Tally Package	To provide knowledge about Computer Accounting To create job opportunities for students
Science	4. Water shed Management	To create awareness among students about water conservation. To know status of water



	5. Soil and Water Analysis	To analyze soil and water for the benefit of farmers. To know status of water and soil.
	6. Biotechnology	To promote organic farming for sustainable development. To impart concepts pertaining to advanced areas of research in plant and contemporary approaches employed by industry To inculcate knowledge about recent techniques in biotechnology.

SHORT TERM COURSES/ MODULAR COURSES INTRODUCED BY THE INSTITUTE:

Sr. No.	Title of Course	Goals and objectives
1	Tourism	To create tourist guide skill among the students. To create self-employability.
2	Human Resource Development	To create job opportunities. To create good citizens To prevent students from ragging
3	Rural Journalism	To motivate students to become reporter. To create self-employability.
4	Household Chemicals	To develop research skill and small scale industry. To create self-employability.
5	Personality Development	Develop all-round personality of students. Interview technique To inculcate moral values among the students.
6	Spoken English at Entry Level	To impart soft skills and improve spoken skill. To increase excellence for national development.
7	Library Training Course	To provide library and instructional design services, user education, and technologies that fulfill the needs of the primary users. To provide various employability opportunities in various schools, colleges and universities.
8	Tailoring Course	To empower girl students for acquiring tailoring skills. To create self-employability.

POST GRADUATE DIPLOMA

Diploma	Objectives
P.G. Diploma in Green Chemistry and Crop Protection	<ul style="list-style-type: none"> To create awareness among students, teachers, farmers regarding Green Chemistry. To emphasize eco-friendly approaches in



	<p>synthesizing chemicals.</p> <ul style="list-style-type: none">• To make the students and stakeholders aware about global warming and current environmental issues through Green Chemistry approach.
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UNDERGRADUATE SKILL BASED COURSES OF THE UNIVERSITY:

Programme	Goals and Objectives
Bachelor of Computer Application	<ul style="list-style-type: none">• To provide sound academic base by which an advanced career in computer application can be developed.• To provide conceptual base in computer usages as well as its practical business application.• To prepare students for jobs in business and corporate world.
B. Sc. in Computer Science	<ul style="list-style-type: none">• To develop practical knowledge about computer and impart skills to use the computer effectively in developing commercial and scientific application.• To make students aware of career opportunities in industrial sectors.• To acquaint students with new vistas of knowledge in computer science

1.2.2 Does the institution offer programmes that facilitate twinning /dual degree? If 'yes', give details.

No, According to rules and regulations of affiliating university, the institution does not offer dual degree courses. There is a provision of dual degree course offered by the affiliating university in Distance Mode. The college has a centre for Distance Education.

1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:

- Range of Core / Elective options offered by the University and those opted by the college
- Choice Based Credit System and range of subject options
- Courses offered in modular form
- Credit transfer and accumulation facility.



- **Lateral and vertical mobility within and across programmes and courses**
- **Enrichment Courses**
- **Range of Core /Elective options offered by the University and those opted by the institute**

Following combinations are opted by the institute:

Course	Subjects offered
B.A.	2 core and 4 out of 8 elective subjects
B.Sc.	1 core and 4 out of 7 elective subjects
B.Com.	All core subjects
BCA	All core subjects
M.Sc.	All core papers

- **Choice Based Credit System and range of subject options:**
Applicable for only M. Sc. Chemistry from 2013-14.
- **Courses offered in modular form: 8 short term courses**
Credit transfer and accumulation facility: NA
- **Lateral and vertical mobility within and across programmes and courses:**
Lateral mobility - NA
Vertical Mobility in short term courses
- **Enrichment courses: 07 Career Oriented Courses (COC) and 8 add on courses** are also conducted by the institute.

1.2.4 Does the institution offer self-financed programmes? If 'yes', list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.

Yes.

UG COURSES:

The institute offers following self- financed programmes:

Class	Intake	Admission Process	Curriculum	Fee Structure	Teacher Qualification	Salary
B.C.A.	80	First come first serve	Designed by the affiliating University	Rs.10,000/-	Post Graduate	Fixed Pay
B.Sc. Computer Science	120	Merit Basis		Rs.12,500/-	Post Graduate/NE T/SET or Ph.D.	Fixed Pay

**Post Graduate Courses:**

Class	Intake	Admission Process	Curriculum	Fee Structure	Teacher Qualification	Salary
M.Sc. Chemistry	22	CET conducted by university and seats allotted to institute	Designed by the affiliating University	Rs.28,500/-	Post Graduate/NET/SET or Ph.D.	Fixed Pay
M. Phil. & Ph.D. in Botany		PET conducted by university and seats allotted to institute		Rs. 7000/-	As per UGC and State Govt. Norms	Fixed Pay
M. Phil. & Ph.D. in Chemistry		PET conducted by university and seats allotted to institute		Rs. 7000/-	As per UGC and State Govt. Norms	Fixed Pay

Post Graduate Diploma

Course	Intake	Admission Process	Curriculum	Fee Structure	Teacher Qualification	Salary
Post Graduate Diploma in Green Chemistry	20	Merit Basis	As per university and UGC norms	Rs. 500/-	Post Graduate/NET/SET or Ph.D.	Fixed Pay

1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries.

Yes,

The college offers following non credit skill based tailored programmes to prepare students to face local and global challenges. The details of the programmes and beneficiaries are as follows:

Sr. No.	Particulars	Activities	No. of beneficiaries
1	Skill Oriented Projects	Sericulture	179
		Apiculture	179
		Vermi composting unit	179
		Nursery poly house techniques	127
2	Coaching Centres	Competitive Exam Centre	65



		IBPS Coaching Centre	25
		Police Pre recruitment coaching centre	08
3	Skill Oriented Certificate Courses	Translation and Communicative Proficiency	149
		Computer Accountancy Tally Package	347
		Watershed Management/Technology	385
		Soil and Water Analysis	93
		Biotechnology	410
4	Short Term Courses	Tourism Development	267
		Human Resource Development	45
		Rural Journalism	219
		Spoken English Course at Entry Level	1453
		Household Chemicals	338
		Library Training Course	52

Apart from these courses, various skill oriented workshops are organized by each department. For instance, Department of Commerce organized an Exhibition and Skill Development Fair for entrepreneurship development.

SKILL ORIENTED ACTIVITIES:

Sr. No.	Dates	Activities Conducted	Organizing Agency /Department	No. of Beneficiaries
1	4/11/2011	C-Language	BCA & Physics	35
2	31/01/2013	Lectures on Resume Writing and Interview Technique	Career and Counseling Cell, Dahiwadi College Dahiwadi	120
3	20/2/2013	One Day Workshop on Life Skill, Time and Stress Management	Shivaji University, Kolhapur	328
4	31/01/2014	Lectures on Communication Skill	Career and Counseling Cell, Dahiwadi College Dahiwadi	125
5	6/2/2014	Personality Development and Career Opportunity	Career and Counseling Cell, Dahiwadi College Dahiwadi	115



6	9/2/2015	One Day Seminar on Career Opportunities in India and Abroad	Career and Counseling Cell, Dahiwadi College Dahiwadi	50
7	1/10/2015	Interview Techniques	Placement Cell	111

1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice” If ‘yes’, how does the institution take advantage of such provision for the benefit of students?

No.

The institute does not provide this facility to students however, the institute runs study centre of Yashwantrao Chavan Maharashtra Open University (YCMOU), Nashik for B.A. and B. Com. courses in Distance Mode. Many students have been benefited and achieved graduation.

1.3 Curriculum Enrichment

1.3.1 Describe the efforts made by the institution to supplement the University’s Curriculum to ensure that the academic programmes and Institution’s goals and objectives are integrated?

The institution takes efforts to enrich the curriculum of University by making available a wide range of co-curricular activities to the students.

- The principal of the institution is the member of Board of Studies in Botany, member of Academic Council, Member of Senate. He also contributed as Dean, Faculty of Science of the affiliating University. Hence, he developed and framed syllabi of the respective subjects in the science stream.
- In order to create employability, 08 self-financed and 07 UGC funded career oriented courses, which are in accordance with the goals and objectives of the institution, help to build all round personality and enrich performance of students.
- As the institution has been awarded Lead College Status by affiliating university, the institution got opportunity to conduct student centric many curricular and co-curricular activities such as organization of exhibitions, different competitions and poster presentations on various topics at various occasions.
- Students are deputed to participate in workshops/seminars/conferences/competition and encouraged to write in the college annual *Adwait*.
- The institution conducts village survey, study tours, industrial visits, visits to historical forts and places, laboratories, research centers, etc.

1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?

- The placement cell of the institute takes efforts to create industry-institute interaction through following activities: Campus interviews and placements from



- TCS, WIPRO, ICICI Bank, Training and Personality Development Workshops, Counseling Sessions, etc.
- b. To fulfill the needs of the dynamic employment market, the institute has made available following facilities:
 - Three Audio Visual Seminar Halls for presentations
 - Six Well- equipped Computer labs
 - c. The MoUs signed between the institute and NGOs/industry help to create opportunity for the students to develop employment skills.
 - d. Considering the feedback from the students and other stakeholders, the institution conducts a Certificate Course in Spoken English at entry level, Computer Accountancy Tally Package, M. Sc. in Chemistry, M. Phil and Ph. D. in Botany and Chemistry, etc.
 - e. Students are encouraged to participate in seminars, workshops and conferences in order to enrich and sustain their experience.
 - f. To cope up with the dynamic employment market, the institution runs 07 skill based COCs and 08 short term courses and one Post Graduate Diploma in Green Chemistry and Crop Protection.
 - g. The institution organizes field visits and educational tours for the students.
 - h. The institution runs competitive exam guidance centre, IBPS coaching centre, Police Pre- Recruitment Training Centre.
 - i. UG and PG students participate in research activities conducted Under Lead College Scheme. As a result, 201 students are placed in different organizations during the last five years.

1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?

In addition to the university curriculum, the institute organizes following activities:

GENDER:

- Prevention of Sexual Harassment Committee with assistance of Discipline Committee creates awareness regarding gender issues by organizing lectures and workshops on empowerment of women.
- Programmes organized through NSS, NCC and Vivekwahini create awareness through rallies on Lek Wachava Mohim (Save Girl Campaign), poster presentations, workshops on gender issues, etc.
- Institute has MoU with Mandeshi Foundation by which the institution collaboratively organized training of microfinance, training of making paper bags, workshops on banking literacy and lectures on health issues of teenage girls.
- Institute also introduced tailoring programme for skill development and self-employment of girl students.
- The institute organized various programs such as street plays, workshops on taekwondo, and participation in “Jagar Janivancha” (Awareness Campaign) in



2013.

- Institute organized Anti Tobacco Addiction Campaign through NSS.
- The institute celebrates International Women's Day on 8th March every year.
- The institute invites and felicitates eminent social activists like Smt. Sindhutai Sapkal, Smt. Aparna Ramtirtkar and Smt. Chetana Sinha (20/02/2015) who work for women empowerment.
- The institute strives to create gender equality. As a result of these efforts, girls and boys have started taking part in various competitions and sports.
- Principal nominates 2 girl students on Student Council.
- Venutai Chavan Scholarship is offered to girl students who belong to economically weaker section.
- The institution organized an innovative programme "My Mother in My College" (20/02/2015) to give special honor to women on the occasion of Makar Sankranti.

CLIMATE CHANGE:

- Post graduate diploma in Green Chemistry and Crop Protection has been successfully implemented under the innovative program of UGC. It is the only innovative programme on environmental issues in the affiliated colleges of the university.
- Institute runs Watershed Management as a COP from 2010.
- Rainwater reservoirs having capacity of 170000 liters of water per year
- Three bore wells in the college campus are being recharged by rainwater
- A talk of Rajendrasing Rana on 'Manganga River Renovation' was organized with collaboration of Art of Living.
- National seminar/conferences were organized on Green Chemistry (26/03/2015), Environment Hazard and Agricultural development in drought prone area (09/03/2016).
- The institute conducts Tree Plantation Program every year.
- The institute has espousing campus, lush green with lawn, fountains, avenues of coconut trees and beautiful flowers.
- A project launched by ministry of Environment Science regarding conservation of endangered and threatened plants in the botanical garden was implemented by the institute.
- Following minor and major research projects are completed by faculty and students.
 1. Bio-diversity in Satara District- Dr. C. J. Khilare
 2. Flora and fauna of campus - students from Department of Botany
- By MoU with Social Forestry Department, the institute developed Nursery in two shednets and polyhouses.
- Observation of Science Day, Ozone Day, Geography Day and No Vehicle days
- Implementation of Campus Projects: Sericulture, Apiculture and Vermiculture

ENVIRONMENTAL EDUCATION:

- Environmental Studies' has been included as a compulsory subject by the University for B.A./B.Com./B.Sc. and B.C.A. Part II which create awareness



about environment and its conservation. Students of this class have to submit a project report based on environment related topics. Topics are allotted to students ensuring better understanding of environmental issues included in the curriculum.

- Faculty have contributed monetary share to build check dams for conservation of water at 4 drought stricken villages viz. Bijawadi, Shiravali, Wavarhire and Daruj under Jaljyukt Shivar scheme of Government of Maharashtra.
- Alumni and faculty constructed water Dam in Dahiwadi in collaboration with NGO - Art of Living, Dahiwadi.
- The Institute celebrates days like Geography Day, Science Day, Environmental Day and Ozone Day.
- Students and faculty are encouraged to study the local biodiversity through Nature Club.
- Conservation of endangered plants in Botanical Garden: Seedlings of *Frereaindica*, *Hipatage* sp., *Sweteniamohangalia* sp., *Ensetesuperbum* *Dysoxylummalbaricum* *Sterculiasp*, etc. are raised in botanical garden and transplanted in the field.
- The institute organizes special programmes to expose students to issues such as Gender, Climate Change, Environmental Education, Human Rights by arranging expert lectures and other activities. A few of these are:
 - Social surveys
 - Street plays on issues of social relevance
 - Awareness campaign
 - Wallpaper presentation
 - Tree plantation
 - Swachata Abhiyan (cleanliness campaign)
 - Institution runs projects such as:
 - Rainwater Harvesting Project
 - Vermin Composting Unit
 - Apiculture
 - Sericulture
 - Use of non-conventional energy sources like solar energy.
 - Observation of no auto vehicle day

HUMAN RIGHTS:

The institute strives to create awareness about human rights and values through following activities:

- Equal Opportunity Centre
- Anti ragging and Anti sexual Harassment Cell
- Foundation course in Human Rights



- Short term course in Human Resource Development (HRD)
- Lecture series on Thoughts of Mahatma Gandhi
- Gandhi Vichar Sanskar Examination
- Celebration of birth and death anniversaries of national leaders
- Lecture on Patriotism on the occasion of ‘August Kranti Din’

ICT:

The institute gives top priority to optimum use of ICT in teaching and learning process to cope up with the changing demands of the curriculum. The library and laboratories are e-enabled. The use of ICT is ensured through following:

- Information about the activities /events/meetings is conveyed to faculty using e-mail and SMS
- Free internet service to all stakeholders
- Computerization of administrative block and digitization of library
- The institution offers courses like BCA, B.Sc. in Computer Science
- Government recognized MSCIT center
- UGC sponsored COP in Computer Accountancy Tally Package
- Organization of One Day University Level workshop on C- Language for the students of BCA and Physics.
- Institution provides ICT enabled teaching learning facility such as LCD projectors, e-books, e-journals, internet facility, digital classrooms, video conferencing lectures, etc.

1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?

§ **moral and ethical values**

§ **employable and life skills**

§ **better career options**

§ **community orientation**

Moral and ethical values

- Celebration of Karmveer Birth Anniversary Week every year during which lectures of eminent scholars, poster presentations, various competitions and Karmveer Rally are conducted.
- Organization of Karmveer Jivan Darshan Pradarshan (Karmaveer Life Exhibition)
- Gandhi Vichar Sanskar Exam is being conducted in collaboration with Gandhi Foundation Jalgaon which helps to develop moral and ethical values like truth, honesty, love, peace, integrity, and dignity.
- COP in Yoga Studies is being run which enriches stress management, meditation, self-control, intellectual development, and sound health.
- The institute runs Personality Development Course as a short term course



- Parent institution arranges video conferences of eminent personalities like Dr. A. P. J. Abdul Kalam, Bhalchandra Mungekar, Sudha Murti, Sharad Pawar,
- Group projects and sports events conducted in the institute generate moral and ethical values among the students.
- Celebration of various days like Environmental Day, NSS Day, Teachers' Day, Ozone Day, etc.
- Celebration of Birth and death anniversaries of great personalities and social reformers like Chh. Shahu Maharaj, Mahatma Phule, Dr. B. R. Ambedkar, Savitribai Phule, Laxmibai Patil, Dr. C. V. Raman, etc.
- Behavior of the faculty and administrative staff within campus sets an example for moral and ethical values for students.

Employable and life skills

- Special training in writing, reading and listening skills through Spoken English course.
- Organization of essay writing competition, quiz competition and elocution competition.
- The Institute organized 'Vachan Prerana Din' (Reading Motivation Day) on the occasion of Dr. A.P.J. Abdul Kalam's Death Anniversary.
- Competitive Exam Guidance Centre organizes lectures of eminent personalities such as Dr. Arun Adsul (Member of MPSC) Prabhakar Deshmukh (IAS), Ombase Sachin (IAS), Shivaji Veerker (IAS) Bharat Andhale (IRS), Nitin Waghmode (IRS), Mahesh Shingate (IRS), Gulabrao Pol (IPS), Prerana Katte (Dy.SP), Yashwantrao Kale (Dy.SP), Poonam Jadhav (PSI)
- Sports events develop participating skill, leadership skill, team spirit.
- Subject associations organize group discussion, quiz competition, etc. which improves participation of the students in co-curricular activities.
- The institute organizes campus interview/workshops/guest lectures through Placement Cell, Competitive Exam Guidance Center to enhance employability and life skills.
- Each department conducts skill oriented short term course /COP.
- Mock interview and group discussion sessions are organized by Placement Cell.
- Organization of lectures on C V writing
- Professional courses such as BCA, B.Sc. in Computer Science, M.Sc. started by the institution.

Better career options:

- Skill development programmes like Talley, Water and Soil Analysis, Biotechnology, Yoga Studies and Tailoring courses are made available to the students.
- Professional courses like B.C.A. and B.Sc. in Computer Science are also introduced.
- Innovative programme P.G. Diploma in Green Chemistry and Crop Protection is



open to any science graduate.

Community orientation

NSS and NCC units are very much sensitive about the community related issues. Through the NSS and NCC unit, Vivekvahini, on campus projects, COP and short term courses the following activities are conducted for community welfare:

- Tree Plantation
- AIDS Awareness Rally
- Open Air Toilet Free Village
- Participation in Swachh Bharat Abhiyan
- Voter Awareness Programmes
- Jagar Janivancha Abhiyan (Awareness Campaign)
- COP in Soil and Water Analysis
- COP in Watershed Management and Technology
- Conservation of water at 4 drought stricken villages under Jalyukt Shivar Scheme.
- Karmaveer Sports Academy- Miss. Lalita Babar's participation in Rio Olympics 2016 boosts the sports persons of the college.
- Campus projects viz. Sericulture, Apiculture, Vermicomposting Unit, Nursery, polyhouse techniques are used as demo projects.
- Cycle Bank for needy students from remote area.
- Vivekwahini works to eradicate superstitions among the people.
- Nature Club creates awareness about local biodiversity
- Funds raising for natural calamity
- Cattle feed for livestock at fodder camps at Wadgaon and Pangari.

1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?

Feedback from the stakeholders is an important tool in enriching the curriculum.

- Feedback from the students, parents and alumni are collected and analyzed and the findings are recommended to the BOS of the university.
- Courses like M.Sc., B.Sc. and Computer Science have been introduced as per demand of parents, students and alumni feedback.
- Taking into consideration feedback from the stakeholders, the institution has introduced career oriented/skill enhancing courses.
- As per demands of stakeholders, courses like Biotechnology, Watershed Management, Computer Accountancy Tally Package and Household Chemicals are started.
- As a member of syllabus drafting committee for B.Sc. I, Dr. A. N. Dadas suggested the BoS to include a story entitled *The Axe* which is solely devoted to environmental consciousness.



1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?

The institution has developed its own mechanism to monitor and evaluate the quality of its programmes. The IQAC and Steering Committee provides Academic Calendar in the beginning of the academic year. The principal and the coordinator of IQAC collect annual reports from the various departments and committees to check out the growth and see whether it is in tune with the planning made by concerned department/committee in the beginning of the academic year. The Quality Improvement Committee evaluates the enrichment of the programmes through tests, seminars, project works, GDs and the participation of students in co-curricular and extra-curricular activities and it is compared with last year performance.

1.4 Feedback System

1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?

- Prin. Dr. C. J. Khilare is Member of BOS as well as Dean, Faculty of Science
- The institution has played key role in development of curriculum by introducing innovative courses such as P. G. Diploma in Green Chemistry and Crop Protection, Foundation Course in Human Rights, 8 short term courses and 7 certificate courses
- Faculty members participate in curriculum design for UG and PG courses. Some of them work as resource persons in workshops on revised syllabus.
- The 19 faculty participates in draft syllabus
- Prin. Dr. C. J. Khilare and Dr. D.D. Namadas are member of DRC of Shivaji University, Kolhapur
- Three faculty viz. Dr. S M Khetre, Dr. D V. Jagtap, Dr. A. N. Dadas worked as members of subcommittee for revision or unitization of syllabus.

1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?

Yes. There is a formal mechanism to obtain feedback from students and stakeholders on curriculum.

- The collected feedback is analyzed and appropriate suggestions are conveyed to BoS.
- BoS members of respective subjects conduct meeting and take decision on suggestions received.
- The institute has added one professional UG course (B.Sc. in Computer Science), 3 new PG courses (M.Sc. in Organic Chemistry, M. Phil./Ph. D in Botany and Chemistry) in response to the feedback of stakeholders.
- The institute has also recently introduced Microbiology as one of the subjects for B.Sc. I students and additional divisions for other classes as per demand of stakeholders.
- As per demand from stakeholders, Distance Education Centre of Shivaji



University, Kolhapur has been started from the academic year 2012-13.

- The college designs student satisfaction index based on feedback from students on completion of their studies.

1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?)

During last four years, the institute introduced following programmes:

Number of UG programmes introduced = 01

Number of PG programmes introduced = 03

Number of courses introduced = 05

Distance Education Centre (UG)-B. A. and B. Com

Distance Education Centre (PG)-M. A. and M. Com

The rationale for introducing new courses/programmes is as follows:

Sr No.	Name of the Programme	Year of commencement	Rationale for introduction
1	M.Phil./Ph.D. in Botany and Chemistry	2011-12	<ul style="list-style-type: none"> • Demand of stakeholders and students
2	M.Sc. Organic Chemistry	2012-13	<ul style="list-style-type: none"> • Provision of PG education in rural area • promoting research culture • Providing education as per requirement of industry
3	B.Sc. Computer Science	2013-14	<ul style="list-style-type: none"> • Demand from stakeholders • Increasing demand in job market • Provision of new outlets to students • Increasing scope in industrial sector as well as private entrepreneurship • Promotion of research culture

New courses introduced by the institution during last four years are as follows:

Sr. No.	Name of the Course	Year of commencement	Rationale for introduction
1	Computer Accountancy Tally Package	2012-13	To Provide Computer Accounting knowledge. To create job opportunities for students
2	Yoga Studies	2012-13	To prepare students physically and mentally to face real life challenges.



			To enable students to manage stress
3	Biotechnology	2012-13	To promote organic farming for sustainable development of agriculture
4	Soil and Water Analysis	2015-16	To analyze soil and water for the benefit of farmers To know status of water and soil Using technology for increasing farm produce
5	Foundation Course in Human Rights	2015-16	Awareness about human rights and fundamental duties Introduction to constitution of india

Distance Education Centre (UG)- B. A. and B. Com

Distance Education Centre (PG)- M. A. and M. Com

Sr No.	Name of the Course	Year of commencement	Rationale for introduction
1	B. A. and B.Com M. A. and M. Com	2012-13	As the region is a drought prone area, many of the students cannot get access to higher education and go for helping their families by doing some labor work. For such students the institute has started distance education centre in the year 2012-13. Many students have benefitted of this facility



CRITERION – II: TEACHING, LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

The college strives to provide access to higher education to all maintaining equity through equal opportunity, transparency, and inclusion. Teaching, learning and evaluation process is purely based on the following minimum attributes:

- Higher education for social and economical empowerment.
- Environmental and gender sensitivity with inclusive and secular outlook
- Synergisation of traditional and modern values
- Enabling students to manage and absorb change
- Multiple global learning competencies in the new challenging era of LPG (Liberalization, Privatization and Globalization)

2.1.1 How does the college ensure publicity and transparency in the admission process?

The college ensures publicity in the admission through:

- The prospectus of the college
- The college website - www.dahiwadcollege.in
- Print media (local newspapers, handwills, flex boards)
- Electronic media (Mandesh Radio)
- Digital board displayed in front of the office
- Counseling by HoDs, subject teachers
- Parents meet, tutor-ward scheme
- Informal communication with stakeholders and the needy about subject choice, future prospects, fees, facilities, rules and regulations of the university, etc.
- Mouth publicity

Transparency:

The college has a transparent and well organized admission procedure for all UG and PG programmes. Use of e-governance makes it convenient and faster access to services. Transparency is ensured through following measures:

- Display of admission schedule, distribution of prospectus
- Timely display of merit lists and waiting lists on the notice board in the campus for all classes and on the website (for PG only).
- Vacancy in any programme is communicated by SMS or phone call to the students in the waiting list and thereafter spot admissions are given to needy.
- The college follows the rules of state government of Maharashtra and Shivaji university norms and guidelines strictly.
- The detailed guidelines about admission process and courses offered are displayed on the website www.dahiwadcollege.in
- The admission committees, formed for all courses and classes, carry out the entire admission process under the supervision of the Central Admission Committee and Principal.

Salient features of admission process:

- Access for Higher Education, Maintenance of Equity and Expansion of Education are given priority strictly following the rules and regulation of State Government and Shivaji University, Kolhapur.



- Guidelines regarding steps to fill up the forms and dummy application form duly filled are displayed on the notice board and display board.
- Use of **Office Automation** software in admission process for collection of fees, preparation of student profile, roll calls, issue of bona fides, TCs, migration, and acceptance of scholarship forms.
- Response to the admission queries through phone calls or face to face communication during admission period through an **Enquiry Counter**.
- The admission committee consisting of senior faculty extends wholehearted support to majority of students coming from deprived classes belonging to rural and poor background.
- Relaxed entry rules in admission.
- Affordable fee structure
- Provision for vertical mobility to pursue higher education

1.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

Admissions to all classes in all streams are given as per the rules and regulations prescribed by Shivaji University, Kolhapur and the Government of Maharashtra from time to time. The admission committee adheres to smooth admission process giving justice to all sections of society as per the constitutional rights.

Criteria:

- All UG admissions are given on the basis of merit. The merit list is prepared on the basis of previous qualifying examination.
PG admissions are given on the basis of merit list of entrance examination conducted by the affiliating university.

Process:

- The programme-wise admission committees are formed every year which conduct entire admission process under the supervision of the Central Admission Committee and the Principal.
- The schedule of admission is displayed on the notice board and Institution's website as well as published in the local newspapers.
- The prospectus is made available in the office.
- Candidates have to submit duly filled application form to the admission committee within the stipulated time.
- Application forms are sorted out and merit lists are prepared and displayed as per the schedule announced by the university and adhering to the rules and reservation policy of state government.
- Admissions are given purely on merit basis.
- The score in +2 examinations is considered for admission to the first year of degree courses.
- The score of the first and second year university examination is taken into account for admission to the second and third years respectively.
- Due to increasing number of applications for admission in first year courses (B.A., B. Com., B. Sc.), additional students are admitted on non-grant basis.



- For the professional course B.C.A., admissions are given on the merit basis of +2 examinations and Common Entrance Test.
- Admissions to the Short Term Courses are given on the basis of needs of the students such as Spoken English at Entry Level, Computer Accountancy Tally Package for Commerce, Biotechnology for Science, etc.
- Admission committee takes review of the process and the vacant seats are brought to the notice of the students through second merit list, waiting lists and spot/provisional admissions are given as per the need.
- Required certificates for confirmation of admission such as TC, eligibility, caste certificate, scholarship form are collected and CRN is provided to the admitted students.
- The students willing to cancel admission within 15 days are given 100% fees back and thereafter 10% of the fees is deducted.

1.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.

- Admissions for all UG courses are based on merit of previous examination for the grantable divisions.
- As the college is in rural area it provides access to all students who fulfill minimum requirements laid by university.

The following tables show minimum and maximum percentage of marks for admission at entry level in comparison with **other colleges** within the district in the year 2015-16:

Course	Highest (%)	Lowest (%)
B. A.	84%	35%
B. Com.	88%	46%
B.Sc.	81.08%	43.08%
B.Sc. (Computer Sc.)	62%	42%
M. Sc.	87.33%	56%
M. Phil	NA	NA
Ph.D.	NA	NA
B.C.A.	63%	38%

The minimum and maximum marks in % at the entry level for 2015-16 at other colleges of the district:

Class	D C Dahiwadi		BRC, Mhaswad		A & C C Vaduj		SRM, Khatav	
	Max	Min	Max	Min	Max	Min	Max	Min
B.A. I	84	35	68.24	35.88	70.2	43	79	37
B.Com I	88	46	-	-	71	50.50	73.54	52
B.Sc. I	81.8	43.8	72	35	-	-	77.69	44.17
B.C.A. I	63	38	-	-	-	-	-	-



1.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If ‘yes’ what is the outcome of such an effort and how has it contributed to the improvement of the process?

Yes, the admission committee of the institution takes review of admission process every year. Decisions are taken to improve the admission process considering suggestions and queries, if any. The students’ profile in terms of subject choice, performance in earlier exam, socio-economic status of the candidates, etc. is analyzed and necessary steps are taken accordingly. As a result, there is no complaint registered regarding admissions. However, if any minor complaint is raised, the principal solves it considering the situation.

Admission process is reviewed in LMC Meets and IQAC Meets in terms of maintenance of equity, access to education and expansion of education. Following suggestions have been taken into account to ensure the improvement in admission process:

Sr. No.	Problems confronted through review	Measures taken	Outcome
1	Non availability resulting in less number of enrollment of students from ST category	Seats are allotted to SC as per the Govt. rules	Provided access to education to backward classes
2	Confusion about the selection of subjects where options are available	Prospectus is revised as per needs, counseling provided by faculty in terms of choice to change subjects/ combinations within stipulated time after admission	Quest for excellence is achieved
3	Greater demand for certain programs	Timely correspondence with the government through university for sanctioning additional divisions, subjects and seats	Additional seven divisions and two more subjects have been introduced seeking approval from government through university
4	Reluctance for professional courses	Pre-admission counseling of students and parents for choosing BCA and other add on courses	Enrollment of students is increased to these courses
5	Inability to pay the fees	Fee in installments, reduction of fees and concession in fees as per the applications by the needy	Overall enrollment of students increased and dropout rate decreased

1.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion

* SC/ST

* OBC

* Women



- * **Differently abled** * **Economically weaker sections**
* **Minority community*** **Any other**

Strategies:

For SC/ST/OBC:

- Reservation policies of the government and the affiliating university are strictly followed.
- Entry in Service for SC, ST, OBC and Minority Center provides access to students from these categories.
- Efforts are taken by BC Cell organizing workshops and timely notices for availing various types of government, university and parent institute sponsored scholarships / freeships for SC / ST / NT / OBC / Minority/ Ex-Servicemen/ Handicapped students.
- Institution has also initiated some scholarships such as Yashwantrao Chavan Scholarship and Venutai Chavan Scholarship, etc.
- Tuition fees is not collected in cash from the students from these categories.

For Women:

- Hostel facilities are made available for girls.
- Bicycles are provided to the economically poor girl students through cycle bank.
- To increase the enrollment of the girl students, the institution provides counseling to the parents about available support services and facilities like 'Students Aid Fund' and 'Earn and Learn Scheme' are made available.
- Healthy and secure atmosphere for minority students and especially the girl students is provided on campus. It is ensured through the total CCTV surveillance campus, Women's Cell, Anti Sexual Harassment Cell, Vigilance of Nirbhaya squad, awareness camps related to laws for women, health and hygiene, etc.

For Differently-abled:

- Visual impairment equipments
- Hearing aids to the deaf
- Appropriate desks and chairs
- Reservation to the differently abled in career oriented and short term courses
- Equal opportunity center for equity in access
- Provision of scholarships
- Financial assistance through student-aid fund
- Erection of ramps to almost all buildings for easy access to the physically challenged students
- Free access in the library
- Physical check-up camps
- Priority in admissions and Advance assignments
- Use of videos and films in teaching
- Assistance during practical sessions
- Remedial coaching center provides boost to the weaker students.

Economically Weaker Sections:

- Payment of fees is allowed to pay in suitable installments.
- Economic assistance is also provided by faculty to the students through Tutor-ward Scheme.
- Earn while learn scheme for poor and needy students



- Strict adherence to EBC scheme of the government

Any Other:

- Adequate sports facilities generate sports spirit.
- Support services such as NSS, NCC, Cultural Activities provide favorable ground for the students from these categories for overall development.

As a result of all these strategies and facilities, the enrollment of students from above mentioned categories is consistently increasing. The following table shows increase in the enrollment of the students belonging to backward classes and women:

Category	Reservation quota as per government norms	2012-13	2013-14	2014-15	2015-16
SC	13%	159	188	221	221
ST	07%	01	00	04	03
OBC	19%	275	337	393	379
VJ NT /SBC	11%	413	508	565	652
Women	30%(Parallel)	861	994	1128	1240
Differently abled	2%(Parallel)	06	03	03	04
Any other Ex-servicemen Staff	1%	01	01	01	01

1.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e. reasons for increase/decrease and actions initiated for improvement.

Programes	Details	2012-13	2013-14	2014-15	2015-16	Comments
B. A.	Number of applications	1115	1147	1204	1242	There is an increase in demand ratio
	Number of students admitted	872	976	1042	1055	
	Demand Ratio	1:1.27	1:1.17	1:1.15	1:1.77	
B. Com.	Number of applications	369	623	512	563	There is an increase in demand ratio
	Number of students admitted	317	551	417	450	
	Demand Ratio	1:1.16	1:1.13	1:1.22	1:1.25	
B. Sc.	Number of applications	456	620	746	851	There is an increase in demand ratio
	Number of students admitted	360	484	617	731	
	Demand Ratio	1:1.26	1:1.28	1:1.20	1:1.16	
B.C.A.	Number of applications	75	80	123	144	The demand ratio is constant
	Number of students admitted	75	80	123	144	



	Demand Ratio	1:1	1:1	1:1	1:1	
M.Sc.	Number of applications	NA	NA	NA	NA	These courses have been started in 2012-13
	Number of students admitted	21	40	43	44	
	Demand Ratio	NA	NA	NA	NA	
PG Diploma	Number of applications	20	20	20	20	The demand ratio is constant
	Number of students admitted	20	20	20	20	
	Demand Ratio	1:1	1:1	1:1	1:1	
PG, M. Phil, Ph.D	Admission process for these courses is conducted by the University					

Actions for improvement:

- Publicity through print and electronic media
- MoUs with industries for better placement opportunities
- Guest lectures on the future prospects in the concerned subject
- Career Oriented and Short Term Courses for skill development
- Career fair, various exhibitions such as science exhibition, book exhibition
- Campus projects such as vermi composting, shed net and poly house, rain water harvest, etc.

2.2 Catering to Student Diversity**2.2.1 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?**

The institution fully adheres to the government policies in respect of the needs of differently-abled students. The government reservation policy is strictly followed to provide admissions to such students. The government scholarships are also provided to them. The institution provides following facilities to cater the needs of such students:

- Orientation of the newly admitted students through principal's general address as well as during the welcome functions organized by respective departments; counseling by the heads through different functions and gatherings such as inaugural functions of associations; parents' meets, etc.
- Display of information regarding government financial assistance for differently-abled students
- Assistance from lab attendant in the laboratory for practical preparation.
- Special seating arrangement in the examination hall
- Writer or scribe provided during the examination, if required.
- Provision of extra time for theory and practical examinations as per the university norms
- Provision of entry for vehicles of such students up to the staircase. And, then, if required, manual help is provided.



2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.

Yes. The information about the students' knowledge and skills is sought at the beginning of the year by teachers during classroom interactions, knowing their scores in the previous examinations, socio-economic status, and aptitude. The details of this process are as follows:

- Assessment of students over their knowledge and skills during the initial introductory lectures to identify their strengths and weaknesses.
- Proficiency test in English and surprise tests are organized for all the entry level classes.
- According to the students' performance, strategies are developed to raise the slow learners to a minimum level before the commencement of actual curriculum teaching.
- Bridge courses have been started to merge the knowledge gap of the slow learners.
- The students are counseled by the faculties regarding various career oriented courses, competitive examinations, future career options, and special choice-based subjects at the beginning of each academic year.
- The students are informed about the different academic and other schemes along with the development and achievements of the college through the principal's address.
- Orientation lectures are organized at the departmental level to inform the students about syllabus, semester pattern, discipline, dress code, employment opportunities, etc.

2.2.3 What are the strategies adopted by the institution to bridge the knowledge gap of the enrolled students (Bridge/Remedial/ Add-on/Enrichment Courses, etc.) to enable them to cope with the programme of their choice?

Strategies adopted by the institution to bridge the knowledge gap:

- Introduction of bridge courses such as Spoken English at Entry Level of all Degree courses, Computer Accountancy Tally Package for commerce students, Soil and Water Analysis for science students, and motivation to students for participation in add-on courses
- Industrial visits, excursion tours, and surveys
- Different activities carried out by subject associations such as Science Association, Literary Association, ELLA, Planning Forum, etc.
- Expert lectures by the eminent persons from industries and agencies by signing MoUs.
- Monitoring students' progress by the parent teacher and remedial coaching for such students.
- Personal attention by teachers through tutor-ward scheme and the batch in-charge during practical.
- Organization of lecture series through Lead College Scheme.
- Provision of Book Bank Scheme as well as additional books to slow learners as per need provided by the central library.
- Organization of soft skill development programmes, personality development and enrichment programmes for overall progress of the students throughout the year



- The short term courses such as Watershed Management, Personality Development, Spoken English, RTS project of the parent institute, activities carried out by Competitive Exam Guidance Center have proved beneficial for the overall development of the students.

Remedial Coaching Classes:

Institution has arranged remedial coaching classes for SC/ST/OBC and minority students. In the year 2014 -15, 145 students and in 2015 – 16 total 205 students were benefitted under the scheme.

Guest lectures organized by the various departments:

Sr. No.	Department	Years	No of Lectures organized	Name of the Collaborative Agency
1	Chemistry	2012-2016	17	Atul & Atul Milk
2	Botany	2012 – 2016	05	--
3	Physics	2012 – 2016	07	--
4	Zoology	2012 – 2016	04	Sheep & Goat Farming
5	Computer Science	2012 – 2016	03	--
6	English	2012 – 2016	24	Mandesh Tarang Wahini
7	Marathi	2012 – 2016	15	Maharashtra Sahitya Parishad, Dahiwadi
8	Hindi	2012 – 2016	07	Mandesh Tarang Wahini, Hindi Adhyapak Mandal, Satara
9	Economics	2012 – 2016	16	Rayat Co-operative Bank
10	Geography	2012 – 2016	10	--
11	Political Science	2012 – 2016	20	--
12	History	2012 – 2016	13	Satara Itihas Parishad, Satara
13	Commerce	2012 – 2016	05	Mandesh Foundation, Mhaswad, KBP Institute of Management and Research, Satara
Total			136	

Certificate Courses (2010 – 2016)

- The syllabus of courses is designed by faculties of respective department.
- The certificates issued to students at the end of the course
- The COC certificates are sealed by the institution and university.



Sr. No.	Department	Title of the course	Class	Duration	No. of participants per Year			
					2012-13	2013-14	2014-15	2015-16
1	Chemistry	Household Useful Chemicals	B. Sc. III	3 months	88	93	133	75
		Soil & Water Analysis	B.Sc. III	1 Year	-	-	-	99
2	Botany	Biotechnology	B.Sc. II	1 Year	76	78	98	158
3	English	Spoken English at Entry Level	F.Y. students of all Streams	1 Year	723	785	1009	1007
		Translation and Communicative Proficiency in English	B. A. III	1 Year	36	38	35	33
5	Marathi	Rural Journalism	B.A.III	3 Months	39	31	44	39
6	Hindi	Rural Journalism	B.A.III	3 Months	16	18	17	16
7	Political Science	HRD	B.A.III	3 Months	40	77	64	51
8	History	HRD	B.A.III	3 Months	35	30	36	40
9	Geography	Tourism	B.A.III	3 Months	32	42	39	40
10	Commerce	Computer Accountancy Tally Package	B. Com. II	1 Year	120	125	130	155
11		Yoga Studies	S.Y. students of all streams	1 Year	302	300	314	322
12	Zoology	Watershed Management Technique	B. Sc. I	1 Year	58	102	63	114
13	Economics	HRD	B.A.III	3 Months	30	30	35	40
14	Library	LTC	All	3 Months	22	09	--	--

2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?

To reflect the noble ideals and ethics laid down by the parent institution i.e. Rayat Shikshan Sanstha, the college strives its level best to sensitize its staff and students on



issues such as gender, inclusion, as well as environment conducting different activities through NCC, NSS, Vivekvahini, Anti Ragging Cell, Prevention of Sexual Harassment Cell, Women's Redressal Cell, Equal Opportunity Cell, Nature Club, etc. Besides, the college makes available newspapers that develop awareness and knowledge among the readers about the events being held across the globe in terms of various social and cultural events that show rapid change in values.

Gender sensitization:

- Workshops, poster presentations, and street plays on "Stree Bhrun Hatya", (Prevention of Female Foeticide), "Jagar Janivancha", (Awareness Campaign) "Lek Wachwa Abhiyan", (Save Girl Campaign)
- Innovative programme "My Mother in My College"
- Celebration of World Women's Day
- Women Entrepreneurship Skills Development workshops
- Frequent organization of Lecture Series for female students about their health, hygiene and legal rights

Sr. No.	Name of the Resource Person	Thrust Area
1	Dr. Geeta Kulkarni	Yoga and Life
2	Dr. Snehal Nene	Interview Technique
3	Adv. Rajesh Kulkarni	Legislature
4	Adv. S. S. Jadhav	Laws for Women, Female Foeticide Prevention Laws

- Equal opportunities provided to students belonging to different genders while conducting various competitions such as elocution, rangoli, essay writing, mehendi, poetry recitation, etc to encourage the students' creativity.
- Felicitation of female Ex- students for their placements and success:

Sr. No.	Name of the student	Current Designation	Achievement/ Placement
1	Miss. Lalita Babar	Marathon Runner	10 th Rank in Rio Olympic
2	Miss. Saguna Kale	Desk Officer	State Secretariate
3	Miss. Prerna Katte	Dy. SP	Koregaon
4	Miss. Poonam Jadhav	PSI	Ulhasnagar, Thane City

Organization of lectures of the eminent female scholars, industrialists and social workers:

Sr. No.	Name of the scholar	Designation	Topic	Occasion
1	Mrs. Sindhutai Sapkal	Chairperson of Foundation for Orphanages	Orphanages: Problems and Remedies	Annual Prize Distribution
2	Adv. Aparna Ramteerthkar	Social Worker	The Mother	Annual Prize Distribution
3	Mrs. Chetna Sinha	Chairperson, Mandeshi Foundation	Foundations of Career Design	Annual Prize Distribution
4	Mrs. Surekha Mane	Tahsildar, Man Tehsil	Key to Success in Competitive Examinations	World Women's Day



2. Environment:

- Nature club activities
 - Poster presentations on Birds Biodiversity
 - Apiculture Project
 - Vermi-composting project for preparing organic fertilizers from litters and waste leaves
- Enrichment of plant nursery and plantation of different species of trees in the campus
- The college undergoes green audit and energy audit of the campus.
- Conservation of rare, endangered and threatened medicinal plants in Shednet and polyhouse.
- Tree adaptation scheme for teachers
- Proper utilization of stored water by drip irrigation, sprinklers and foggers
- Conservation of rain water for eco-friendly campus through rain water harvesting reservoirs having capacity of 10, 20, 000 liters utility during a year.
- Refilling of bore wells in the campus
- ‘Save Energy’ message through the principal’s address
- Use of solar lamps and solar heaters in the campus and ladies hostel
- Projects related to environmental issues are given to B. A., B. Com., B.C.A. and B Sc II students under Environmental Science curriculum
- Green Chemistry is a part of Chemistry curriculum.
- Faculty members of Chemistry department have taken efforts to design new experiments with a greener approach.
- Participation of students and staff in “Swachh Bharat Abhiyan” (Sanitation Campaign).
- Encouragement to students to plant more trees.
- Large scale tree plantation is undertaken through NSS, NCC.
- No auto vehicle day observed by faculty and students to create awareness about air pollution on second Saturday of every month.
- Celebration of various days such as Ozone Day, Environmental Day, Earth Day, Science Day, etc.
- Organization of conferences on environmental hazards

3. Inclusion

- The institution promotes inclusion by ensuring secure, respectful, inter-culturally responsive and stimulating environment in the campus through the activities such as youth festival, avishkar, workshops, activities by various associations, lead college activities, yoga studies, lecture series, quiz contests, organization of rallies on different occasions, celebration of birth anniversaries and observation of death anniversaries of national leaders.
- This directly supports academic and overall development of the students.

2.2.5 How does the institution identify and respond to special educational/learning needs of advanced learners?

The institution identifies the advanced learners through the following:

- Proficiency test
- Classroom interactions



- Participation in curricular and co-curricular activities such as seminar presentations, weekly news bulletin, etc.
- Classroom tests
- Tutor-ward scheme
- **The institution responds to special educational / learning needs of advanced learners by providing:**
 - Open access to the library
 - Book Bank Scheme
 - Provision of more books as per requirements from the departmental libraries
 - Personal guidance by the faculty
 - Additional facilities like computer and internet available at various places
 - Stimulating exercises and challenging assignments
 - Motivational lectures of renowned persons to channelize their potential
 - Opportunity to participate in research activities by allotting research projects under the guidance of faculty members
 - Laboratory facilities to carry out research at any time of the day
 - Financial assistance and seed money for research
 - Contribution of alumni through cash prizes and donations
 - Survey based projects on migration of the people towards metropolitan cities such as Pune and Mumbai
 - Encouragement and mentoring the students to participate in creative activities such as institution annual (Adwait), wallpapers, elocution competitions, model exhibitions, poster and oral presentations, seminar competitions, etc.
 - Rayat Inspire Camp, Avishkar
 - Competitive exam guidance and special training for students through Competitive Exam Guidance Centre.
The centre conducts general studies, interaction with successful candidates, lectures of experts in the field, group discussions and mock tests, etc.
- **In response to the learners' interests and needs the respective departments adopt strategies to encourage the advanced learners by**
 - Organizing seminars, quiz, scientific models and poster competitions.
 - Encouragement and guidance to participate in inter-collegiate competitions and financial aid is also provided to such participants.

2.2.6 How does the institution collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc. who may discontinue their studies if some sort of support is not provided)?

The institution collects information of the students through their enrolment, daily attendance, academic performance in class, class interactions, and personal meeting through Tutor-ward Scheme.

- “Tutor-ward Scheme”: Final year students are allotted to teacher- in -charge who takes timely review of the students' progress and informs their parents/local guardians.



- After analyzing the data, name of the students who are at risk of drop out are identified and informed through their respective parent teachers.
- The heads of departments have regular feedback from faculty regarding attendance, punctuality, attendance for the class tests and internal exams, etc. to identify the students at risk of drop out.
- Periodic counseling, remedial classes and interactive sessions are organized.
- Prospective of placements are communicated to the students.
- Value added programmes have been conducted.
- Apart from employability, matrimony and financial problems are the major reasons of dropout. This difficulty is solved by taking the following measures:
- Hostel facility provided to girl students
- Student Aid Fund of the institution and partial exemption in tuition fees fulfills the financial requirements of some students.

Sr. No.	Year	No. of beneficiaries	Amount spent
1	2011-12	53	20,125
2	2012-13	44	16,913
3	2013-14	73	21,385
4	2014-15	56	17,887
5	2015-16	38	16,085

- **‘Earn and Learn’ Scheme provides paid work to needy students and wards of the migrants:**

Sr. No.	Year	No. of beneficiaries	Amount spent
1	2011-12	24	21000/-
2	2012-13	30	26500/-
3	2013-14	33	30000/-
4	2014-15	42	35000/-
5	2015-16	32	36,200/-

- **Special incentive prizes for academic scholars:**

Sr. No.	Year	No. of beneficiaries	Amount spent
1	2011-12	35	1683/-
2	2012-13	30	1620/-
3	2013-14	71	1600/-
4	2014-15	74	1400/-
5	2015-16	70	1430/-

The details of university and institute sponsored scholarships such as Merit scholarship, Minority scholarships, Yashwantrao Chavan scholarship, Venutai Chavan scholarship, Rajarshi Chatrapati Shahu Maharaj scholarship are as follows:



Sr. No.	Year	No. of beneficiaries	Amount spent
1	2011-12	35	44000/-
2	2012-13	30	15500/-
3	2013-14	71	124500/-
4	2014-15	74	220000/-
5	2015-16	69	97000/-

➤ **Fee concession to the students due to severe drought:**

Sr. No.	Year	University Fess	Fee charged with concession	No. of beneficiaries	Amount bear by the college
1	2011-12	367500	251000	290	116500
2	2012-13	995000	710000	413	285000
3	2013-14	2645000	1927700	589	720300
4	2014-15	1841500	1332600	507	508900
5	2015-16	3431000	2494800	706	932600

2.3 Teaching-Learning Process

2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (academic calendar, teaching plan, evaluation blue print, etc.)

The college has a systematic teaching, learning and evaluation schedule. It is executed and organized as follows:

Academic calendar:

- Academic calendar with schedule of different academic, evaluative, co-curricular, and extracurricular activities.
- It is prepared before the commencement of the new academic year.
- Departmental calendar with plan about organization of guest lectures, ICT based programs, class seminars, projects, assignments, tests, study tours, industrial and field visits, preliminary exam, etc.

Time Table:

- General time-table reflecting schedules of lectures, practicals of all streams.
- Departmental time-table
- Separate time-table of Bridge Courses, Remedial coaching, COCs, MPSC, Short Term Courses, LTC.
- Plan of Lead College Activity: The college has the status of Lead College offered by the affiliating university. Accordingly the college plans activities and allots them to the following cluster colleges:

Sr. No.	Name of the College	Name & contact of the coordinator
	Dahiwadi College Dahiwadi	Dr. Khetre S. M. 9423911374
1	Raja Shripatrao Bhagavantrao Mahavidyalaya, Aundh	Prof. Shinde S. M. 7875780749
2	Shajairaje Mahavidyalaya, Khatav	Prof. Sakhare R. K. 9881046107



3	Arts and Commerce College, Vaduj	Dr. Kenjale S. S. 9421212021
4	Arts and Commerce College, Pusegaon	Prof. Mujawar M. S. 9822780357
5	Mudhoji College, Phaltan	Dr. Kavitate B. P. 9890315705
6	Narayanrao Suryavanshi (Bedake), Arts and Commerce College, Phaltan	Prof. Gaikwad A. R. 9011572639
7	Baiyasaheb Rajemane College, Mhaswad	Prof. Ranaware 9975822515
8	D.P.D. Law College, Phaltan	Prof. Avishkar Kamble 9595757534

Budgetary provision and activities organized under the Lead College Scheme:

Sr. No.	Activities / Budget Head	Budget Amt(Rs.)
1	Research Activities	26,273/-
2	Academic Activities	51,356/-
3	Cultural Activities	33,038/-
4	Sport Activities	14,765/-
5	Extension Activities	15,023/-
6	Other Activities	31,698/-

Teaching Learning Plan:

- Teacher's academic diary designed by affiliating university contains following:
- Individual time –table
- Annual teaching plan
- List of text books and reference books
- Class and subject wise teaching, practical programme
- Lectures or other teaching duties in excess of UGC norms
- Examination related work
- Co-curricular, extension and professional developmental activity
- Research and academic contributions
- Awards/certificates won
- Teaching plan: each faculty prepares annual teaching plan that includes classroom teaching, laboratory practical work, mobile education, field work, home assignments, seminar presentations, etc.
- The teaching plan is examined and approved by the HoD and principal during the departmental meets.
- Syllabus completion report is submitted by faculty at the end of each semester.



Evaluation blueprints:

- The examination schedule is declared by the university however it is implemented and executed by the cluster college. Our college has been given the status of **Cluster College** by the university.
- Schedule of internal and external evaluation is notified in the academic calendar, displayed on the notice boards.
- The examination committee of the college plans the schedule of internal examination and assessment.
- Question bank for each subject at the department level.
- Performance in annual exams of short term courses, COC courses, etc.
- Students' performance is evaluated through assignments, tests, seminars, projects, etc.
- Preliminary examinations conducted prior to the university exams.
- Conducting of university exam for First Year of degree courses and assessment is done at the college level and result is submitted online to the university.
- Assessment of SY, TY and M.Sc. papers go through the assessment process as per university central assessment programme.

2.3.2 How does IQAC contribute to improve the teaching – learning process?

The IQAC of our college is functional. It has three dimensional approaches to build, sustain and enhance quality. It is a driving force, the think tank to build and ensure a decentralized and participative quality for making teaching learning process effectively. It consults every factor related to this process and makes provision of necessary things in the campus. The IQAC contributes in the following manner:

1. The IQAC calls the general meet of all the heads and chairmen of various committees are asked to prepare future plan for next academic year.
2. In the beginning of the year, all the heads are asked to look after annual planning made by concerned faculty members.
3. All the teachers are motivated to make use of ICT in the teaching –learning process.
4. All the teachers are encouraged to participate in workshop/ seminars/conferences to be held at different places and are also asked to organize workshops on revised syllabus in the college.
5. The IQAC also discusses about the results of last year and tries to update the situation of that particular subject discussing with the concern teachers.
6. The IQAC asks the teachers to apply for minor and major research projects as well as seminar/conferences/FIP..etc to various agencies for getting funds.
7. The IQAC has made available internet, LCD projector, laptops at different places.
8. The IQAC looks into each and every minor and major incidents take place in the class and out of the class to assure and sustain the quality of teaching-learning.
9. The IQAC itself organizes seminar/conferences with the assistance of UGC, Delhi and NAAC, Bangluru and sets role model for others. It organized National Seminar on 'Best Practices in Higher Education' in 2012, another National Seminar on 'The Importance of Benchmarking in Higher Education' in 2014.
10. The IQAC has made it obligatory to obtain feedback from final year students of all subjects regarding teaching learning process to ensure improvements.
11. The IQAC also motivates the heads to organize various lead college activities, co-curricular and extra-curricular activities and assigns a course i.e. short term or COC



to each class to improve teaching learning process. The following courses have been introduced by the recommendations of IQAC:

Sr. No.	Department	Name of the Course	Class	Duration
1	Chemistry	Household Useful Chemicals	B. Sc. III	3 Months
		Soil and Water Analysis	B.Sc. III	1 Year
2	Botany	Biotechnology	B.Sc. II	1 Year
3	English	Spoken English	FY of all Streams	1 Year
		Translation and Communicative Proficiency in English	B. A. III	1 Year
5	Marathi	Rural Journalism	B.A.III	3 Months
6	Hindi	Rural Journalism	B.A.III	3 Months
7	Political Science	HRD	B.A.III	3 Months
		Foundation Course I Human Rights	B A III	6 Months
8	History	HRD	B.A.III	3 Months
9	Geography	Tourism	B.A.III	3 Months
10	Commerce	Computer Accountancy Tally Package	B.Com. II	1 Year
11	Physical Education	Yoga Studies	SY of all Streams	1 Year
12	Zoology	Watershed Management	B.Sc. I	1 Year
13	Economics	HRD	B.A.III	3 Months
14	Library	LTC	All	3 Months
15	Education	Tailoring Course	All girls	3 Months

The IQAC works in close coordination with the Steering Committee and Chairman of all the committees of the college to ensure effective implementation of the activity planned.

2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?

The IQAC facilitates a makeover to student-centric learning. Accordingly, the faculties in the college adopt the following variety of involved learning methods to ensure student-centric learning:



- **Interactive Learning:** Group Discussion, motivating students to participate in Aviskar, etc., Workshops on Revised Syllabus, use of ICT in teaching, guest lectures by renowned faculty,
- **Collaborative Learning:** Group projects and brain storming sessions, inspire camp, exhibitions, career fairs, weekly news bulletin, and grammar consultancy, wall paper publications, excessive use of experimental learning, quiz contests, introduction of job oriented courses with a lot of practical inputs.
- **Independent Learning:** Activity based learning and problem solving techniques are adopted in teaching-learning process, seminars by students, surprise tests, unit tests, PPT.

Support structures and systems available for teachers are:

- Wi-Fi network
- UGC-NRC
- The digital class room
- Internet facility in the library and individual departments
- Commerce laboratory, computer laboratories, well-equipped science laboratories
- Poly house, green house, shednet, and various projects have enhanced student centric teaching learning process.
- Eco-friendly campus with good ambience
- Computers/laptops at every department, LCD projectors, TV with DTH connection, smart board and ICT facility at departmental level, rich central as well as departmental libraries, research lab for M. Phil and Ph.D with recent tools and instruments.
- Innovative Programme i.e. PG Diploma in Green Chemistry and Crop Protection
- Well maintained basic amenities on the campus viz. botanical garden, fruit garden, various projects, etc.
- **Library support services** – Book Bank facility, digital database, e-journal subscriptions, INFLIBNET, study room, open access to the final year students, PG students, meritorious and differently abled students.
- Staff academy lectures for collaborative learning

Resource Person	Date	Topic
Dr. S. M. Khetre	26/11/2014	Human Health and Acidity
Prof. D. K. Rasal	11/12/2014	Dr. Babasaheb Ambedkar and History
Mr. Jayapraksh Jadhav	26/01/2015	Time & Stress Management
Prof. S. B. Randhir	03/02/2015	India 2020
Prin. Dr. S. T. Salunkhe	21/07/2015	How to Prepare Research Projects?
Prin. Dr. Arjun Rajage	08/08/2015	Economic Planning
Prof. Rajkumar Kadam	10/12/2015	Hon. Sharadchandra Pawar: Educational and Social Work
Prof. V. S. Waghere	22/03/2016	Use of ICT in Library
Smt. Indrayani Jawal	07/04/2016	Rayat Mauli Laxmibai Bhaurao Patil: Life and Social Work



2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?

Critical thinking skill is an ability to analyze information and experiences in an objective manner that increases the ability of the students to think critically and analytically in their day to day learning. The institute strives to nurture **Critical thinking through:**

- Writing film review, clipping, Avishkar participation, open ended questions, case study, social survey, etc.
- Thought of the day, word bank
- Organization of group discussions, seminar presentations, essay writing, elocution, debate competitions, etc. and encouragement of students to participate in such activities create critical bent of mind among the students.

Creativity:

Creativity helps in decision making, innovation and problem solving in day to day life. The institution gives top priority to inculcate creativity among the students.

- The institution's annual "Adwait" is a platform for students to express their creative as well as critical views.
- Activities of Literary Association and ELLA also boost creativity
- Publication of wall papers, on different occasions, generate creative spirit and builds team work that strengthens strong communication process for qualitative results.

Occasion	Name of the Stream	Thrust Area	No. of Issues
15 th August, 2015	Arts	Contribution of Social Reformers in Freedom Movement	11
	Commerce	Goods and Service Tax	02
	Science	Climate Changing Factor - Global Warming	06
	BCA	Climate Changing Factor - Global Warming	01
5 th September, 2015	Arts	Importance of Teachers in Nation Building	11
	Commerce	Teacher to President	02
	Science	Contribution of Teachers in Research	06
	BCA	Teacher to President	01
22 nd September, 2015	Arts	Biography of Karmaveer Anna	11
	Commerce	Social Work of Karmaveer	02
	Science	Educational Contribution of Karmaveer	06
	BCA	Educational Contribution of Karmaveer	01
26 th January, 2016	Arts	Tree Plantation	11
	Commerce	Tree Plantation	02
	Science	Tree Plantation	06
	BCA	Tree Plantation	01

- Celebrations of Annual days
- Poetry recitation, elocution, debate competitions
- Organization of mehendi, essay writing, poetry reading, rangoli competitions
- Moot Court



- Encouragement to participate in youth festival, NSS activities, wall paper presentation, poster presentation, etc.

Scientific Temper:

Scientific attitude is necessary for self-awareness, emotional stability and eradication of superstitions and blind faiths. The college nurtures scientific temper through following activities:

- Innovative projects in research festival 'Avishkar', college annual 'Adwait'
- Poster presentations, seminars on scientific issues
- Science exhibitions
- Vivek Vahini, NSS, NCC organize various programs, workshops, lectures on blind faith, eradication of superstitions, scientific temper, etc.
- Quiz competition organized by Department of Chemistry
- Observation of no auto vehicle day for pollution control through low emission of carbon.
- Departmental activities to develop and nurture scientific temper:

Department	Activity Organized
Chemistry	Water and Soil Analysis, Household Useful Chemicals
Botany	Wall papers publications
Zoology	Nature Club, HB detection
Physics	No vehicle day

2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.

ICT increases the flexibility of delivery of knowledge anytime and from anywhere. It enables the community of teachers and students to equip themselves with the requisite digital literacy.

Technologies and facilities for effective teaching:

- Wi-Fi enabled campus
- LAN network labs, High speed network in UGC approved NRC
- Facility digital classroom, LCD projectors, smart board
- Ample availability of e-books, e-journals and educational CDs, DVDs
- Spacious seminar hall with ICT, video conferencing, digital camera, TV with D2H connection
- Free access to internet in the central library, science and BCA laboratories, NRC and departments.
- Facility of 'INFLIBNET' at central library, departmental libraries enriched with CDs and DVDs
- University recognized research labs for M. Phil and Ph.D.
- CFC lab developed under innovative programme, well equipped laboratories viz. Chemistry, Botany, Zoology, Biotechnology
- Optimum use of well furnished six computer labs and online UPS



- 9 scanners are available at various departments
- Softwares like Tally, Libreria, Autocad, Chem – draw make teaching learning student friendly
- Multipurpose hall with ICT facility promotes web based learning

Mobile Education:

- On job training programmes
- Grammar consultancy
- Outdoor practicals
- Field survey and study tours
- Social surveys, soil and water analysis kit
- Participation of students in training camps
- Organization of special camps at villages through NSS and NCC

2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?**Blending Learning:**

Blended learning includes a combination of internet based learning and face to face learning in which peer groups are formed where students and teachers work collaboratively to make sense of information. This type of engagement necessitates designing, mapping, measuring and rewarding collaboration. The college attempts to make use of this type of learning process in the following ways:

- PG diploma in Green Chemistry and Crop Protection
- Mini language laboratory and well equipped smart classroom
- Commerce laboratory
- Face-to-face classroom methods with computer mediated activities
- Digital materials to serve a supplementary role to text books
- Group Teaching methods –Curricular based projects, group projects, wall papers, Avishkar, weekly News Bulletin, skill development fair, surveys, activities of science exhibition, literary associations, etc.
- Enhancing learning experience by inviting industry expert, practitioners and guest faculty.
- Setting up the informal forums like Nature Club, Film Club, etc.
- Live projects – shednet, polyhouse, sericulture, verminiculture

Expert lectures:

- Lectures of renowned scholars, educationists, scientists, academicians and speakers on recent and innovative topics are organized

Eminent resource persons are invited guest lecturers for short term courses.

Seminars and conferences:

Sr. No.	Dept.	Title of the seminar/conference	National / State	No. of Participants/ Beneficiaries
1	IQAC	Innovative Practices in Higher Education	National	130
		The Importance of Benchmarking in the Third Cycle of NAAC	National	85
2	Chemistry	Recent Trends in Chemistry: Nano Science	National	135



3	Botany	Conference on Life Sciences: Outlook and Challenges	National	265
		Green Chemistry and Crop Protection	National	200
4	Zoology	The Recent Trends in Biology: Nano Science	National	140
5	Hindi	Uttar Adhunikata Aur Hindi Sahitya	National	72
		Satire in 21th Century Hindi Sahitya	National	67
6	Commerce	Changing Business Scenario	State	120
		Emerging Trends in Commerce and Social Sciences	National	140
7	Economics	Present and Future of Non-agriculture Credit Societies in Maharashtra	State	40
		Benefit and Cost Analysis of Agriculture Products in Maharashtra and Farmers' Suicide	State	60
8	History	Lokayukta in Indian Scenario	National	100
9	Geography	Population Tourism and Agricultural Development	State	88
10	Library	Use of ICT in Academic Library and Authors' Talk	State	22

Workshops:

Sr. No.	Department	Title of the workshop	University /District	No.of Participants/ Beneficiaries
1	English	Revised Syllabus of B. A. III	University	85
		Revised Syllabus of B. Com. II	University	78
2	Botany	Revised Syllabus of B. Sc. II	University	120
		Revised Syllabus of Biotechnology	University	110
		Revised Syllabus at B. Sc. III	University	75
		Revised Syllabus of B. Sc II	University	110
3	Chemistry	Revised Syllabus of B. Sc.III	University	99
		Revised Syllabus of B. Sc. III	University	101
		One Day Workshop on Micro Analysis Practicals of M. Sc. II Org. Chemistry	University	72
		One Day Workshop on Water and soil Analysis	Regional	95
		One Day Workshop on 'Avishkar Orientation Programme'	University	104
		One Day Workshop on 'Activity Based Learning'	Regional	32
		One day Training Workshop on Business Development (SCENT and PHENYL	Regional	113



		Preparation)		
		Rayat Inspire Camp	Regional	31
4	Physics	Recent Innovations in Physics	University	117
		Recent Trends in Physics and Technology	University	50
		New Advances in Physics Practicals	University	50
5	Commerce	Consumer Protection	University	94
		Research Methodology	University	80
		Recent Trends in Agriculture Industry	University	75
		Recent Trends in Banking	University	90
6	Economics	Consumer Protection	University	160
7	Marathi	Research Methodology	University	35
		Creative Writing	University	52
		Writers at the Doorstep	State	45
8	Hindi	Revised Syllabus at B. A. I	University	56
9	Geography	Research Methodology	University	65
10	BCA	C Language	District/ Lead College	75

The following are the research projects undertaken by students during Avishkar Research Fair of the affiliating university:

Sr. No.	Title of the Project	Dept.	Name of the student	Guide	Level
1	Influence of English on Regional Languages	English	Snehal Kamble	Dr. B. S. Lokde	University
2	Commerce, Management and Law	Commerce	Mulla N. B. Kale A. A. Borate P. B. Hajare Abhijit	Prof. M. B. Shikalgar	District, University, State
3	Problem Decrease in Women Population in Man Tahasil in 21 st century	Economics	Survanshi R. T.	Prof Swami S.R.	District, University, State
4	Urine based Hydrogen Gas Production in College for Electricity Generation: A New Approach Fireproof Cloth	Physics	Doshi Saheli Chandrakant Jadhav P. J.	Dr. V. S. Jamdade	District, University, State

**2.3.7 Detail (process and the number of students benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring /academic advice) provided to students?**

The institution takes initiative to provide academic, personal and psycho-social support and guidance to the students through Career and Counseling Cell, Placement Cell, Competitive Examinations Guidance Centre, Tutor-ward Scheme

- Academic advice and counseling by vice- Principal, HoDs and faculty members.
- The Principal's address
- Counseling to academically and economically backward students
- Tutor-ward Scheme
- Guidance on various competitive examinations through Competitive Examinations Guidance centre
- Stress and time management through yoga studies
- Department of Chemistry provides guidance on M Sc entrance exams for B Sc III students.
- Campus projects – Polyhouse, Shednet, Vermi composting, Nature Club
- COC Council and Council for Short Term Courses

Details of support services and beneficiaries:

Sr. No.	Name of the Service	Nodal Department	Supportive Agencies	No.of Beneficiaries
1	Health checkups	Zoology	P.H.C.	403
2	Water & Soil Analysis	Chemistry	----	215
3	Tax Consultancy	Commerce	Kshirsager Associates, Satara	204
4	Grammar Consultancy	English	Nearby 12 High schools	236
5	Yoga Studies	Sports	U.G.C.	724
6	Career Guidance Cell	Physics	----	930
7	Placement	Physics	WIPRO, TCS	650
8	Women Empowerment Cell	Marathi	----	740

2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?**Innovative teaching methods:**

- PPT Presentations using LCD projector
- Video Conferencing Lecture – Online (Competitive Exam Guidance Center)
- Use of Computer Labs, Commerce Lab and Mini Language Lab for effective teaching
- Use of softwares, You-Tubes, etc.
- Weekly News Bulletin, etc.



- Organization of departmental association activities such as seminars, conferences, field tours and industrial visits.

Efforts made by the institution:

The faculty always prefers to adopt new teaching methods and techniques as per necessity of the syllabi and the comprehension level of students. The institution provides the necessary infrastructure and amenities to meet the challenges of the time such as

- Conversion of conventional classrooms into digital classrooms
- Upgradation of laboratories to meet the needs of modern pedagogy and technology.
- Facilities of computer and internet, LCD projectors, laptops, Wi-Fi network, etc.
- Organizations of conferences, seminars, workshops, etc.
- Deputation of faculty in workshops and conferences, orientation programmes, refresher programmes and short term courses
- Facilities in library in terms of books, journals, internet access, Wi-Fi network, etc.

Impact of innovative teaching practices on students' learning:

- Enhanced the self learning abilities and knowledge level of the students.
- Participation in 'AVISHKAR' organized by the University is increased.
- Students acquired presentation skills and life skills
- 223 students have got placements through the placement camps organized by the institution in association with different industries.
- Students secured higher ranks in the university merit list.
- Students have bagged prizes in research, cultural and sports activities.

The following table shows the programmes organized and their impact on students for gaining life skills:

Stream	Dept.	Name of the Programme	Occasion	Impact
Humanities	English	Word Bank	Daily	Enrichment of vocabulary, thinking power, creativity
		News Bulletin	Weekly	Improvement in effective communication skills
		Grammar Consultancy &	Quarterly	Presentation skills, teaching skills,
		Film Review	Occasionally	Developing creative and critical thinking
	Marathi	Poetry recitation, Film review	Occasionally	Improvement presentation skills, creative and critical insights
		Essay Writing	Occasionally	Pedagogical skills
		Quiz contest & Elocution	Occasionally	Decision making skill
	Hindi	Celebration of Hindi Day	14 th September	Awareness about importance of national language, inculcation of nationality
		Wall papers	On 4 occasions	Enrichment of creativity, social and emotional intelligence



Social Sciences	Economics	Wallpapers	Occasionally	Reflective skills and thinking dispositions
	History	Study Tours	Annual	Increases social responsibility and engagement
		Wallpapers	Wallpapers	Administrative and management skills
	Political Science	Constitution Day	26 th November	Awareness about Indian Constitution
		Wallpapers	On 4 occasions	Reflective skills and thinking dispositions
	Geography	Village Survey	Annual	Social consciousness and emotional competence, empathy towards society
Wallpapers		On 4 occasions	Administrative and management skills	
Commerce		Career Fair	Annual Prize Distribution Day	Improvement in marketing skills, awareness about self-employability
Science	Chemistry	Group Projects, Chem Quiz, Class Seminars	Annual	Practical application of science principles, confidence and competence building,
		Lab to field – Water & Soil Analysis	NSS Camp	Applied learning at firsthand experience in applying science everyday
	Botany	Field visits, Tree Plantation, Nature Club, Projects, Herbarium	Regular	Learning through direct approach, up gradation of knowledge about endangered and rare plants
	Zoology	Vermiculture, apiculture	Regular	Application oriented learning,
	Physics	No Auto vehicle day	On every second Saturday of the month	Environmental Awareness
BCA	BCA	Use of advanced software for teaching	Regular	Fast and easy learning, acquisition of technical skills
	General	Science Exhibition	28 th February	Creation of scientific approach
		Group projects and presentations	Regular	Creation of team spirit, practical application science principles
		Class Seminars	Regular	communication skills, confidence building



2.3.9 How are library resources used to augment the teaching-learning process?

The central library is a rich storehouse of all knowledge which has a very good collection of the rare and valuable reference books at large scale. The collection in the library is summarized in the following table:

Sr. No.	Titles	No. of collection
1	Books	60,012
2	Journals	12
3	Periodicals	26
4	E-Books	1,35,000
5	E-Journals	6000
6	Encyclopedia	158
7	Newspapers subscribed	11

Other Facilities in Library

- Computerized Library has OPAC System enriched through e-journals and e-books
- Internet, Wi-Fi Network
- Current awareness services
- Reference service
- Reprography facility
- Question papers
- Inter-library loan
- User orientation
- Outside users
- Display of new arrivals
- Borrowing facility
- Book Bank Scheme
- Free book borrowing system to meritorious students
- Best reader awards –for student and faculty
- Book exhibitions devoted to specific topic /theme on specific occasions
- Newspapers, periodicals and magazines

2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these.

The challenges in completing the curriculum within the planned time frame are not very severe because of -

- Strict implementation of academic planning
- Substitute arrangement of lectures in case of long leave, CL, DL and ML – Extra Lectures
- Review of academic diary by the HoD
- Submission of syllabus completion report to the HoDs at the end of each semester.



However, the unforeseen and unavoidable circumstances that may affect the schedule and create challenges may be strikes, unscheduled extracurricular activities, the duties assigned to teachers during the parliamentary, legislative assembly and panchayat elections or delays in the university schedule in the commencement of semesters. These challenges are overcome by conducting extra lectures by the concerned faculty.

In case of medical leave and study leave for more than a term, the new substitute teachers are appointed either on clock hour basis or on the mode of basic pay approved by UGC in case of FIP programmes.

2.3.11 How does the Institution monitor and evaluate the quality of teaching learning?

The Principal, IQAC and HoDs monitor and evaluate the quality of teaching-learning with a systematic mechanism.

- Suggestions by the IQAC and the instructions of the principal, the respective HoDs on the teaching learning.
- The examination results, the quality of assignments and projects, the participation of students in research and their success in curriculum related competitions and events are indicators of the quality of teaching learning.
- Due preference and importance to the co-curricular activities
- Parents' meetings and feedback of the stakeholders
- Self-appraisal report of individual teacher as a part of PBAS analyzed by HoD and Principal.
- Academic audit through Rayat Quality Management System (RQMS) and cognizance is taken by the management
- The college has an internal examination cell that conducts preliminary exams and monitors other timely tests.
- Feedback forms from students are collected at the end of every academic year and appropriate suggestions are given to faculty.
- Quality Improvement Committee monitors and evaluates teaching learning process

2.4 Teacher Quality

2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum

The parent institution i.e. Rayat Shikshan Sanstha has an ideal and transparent policy of recruitment. Higher qualification and competency in the concerned field are given top priorities in this process. Following rules and norms of the affiliating university and state government, the faculty are recruited by the parent institute.

The process of recruitment is as follows:

- Vacancies are communicated to the parent institute for seeking sanction of the posts from Joint Director, Higher Education.
- The parent institute submits subject-wise workload on the basis of students' strength



along with the list of existing staff to the Joint Director of Higher Education.

- Joint Director of Higher Education scrutinizes the workload following the government norms and sanctions the posts to be filled.
- The number of vacant posts is communicated to the special cell of university.
- Advertisements are published in regional and national newspapers and also on the website of the parent institute i.e. www.erayat.org
- The vacancies are filled strictly following the UGC and state government norms and pay scale.
- Reservation policies of the government are strictly followed.
- NET/SET qualified and Ph.D. holders are given preference in the scrutiny done by the parent institution.

Policy for retention of the human resources:

- Good ambience for competent work
- Best Teacher Award to the competent faculty on the basis of academic performance in the concerned year.
- Deputation on FDP, Refresher, Orientation, short term courses, duty leave
- Library facility, laboratory facilities after office hours,
- Financial assistance through seed money to present research findings, papers in national, international conferences.
- Corpus funds for research and academic activities by parent institution to the tune of five crore rupees.
- Yashwantrao Chavan Outstanding Award for teachers
- Trajectory Journal of the parent institute for research publications.

Qualified and competent teachers

The college has a winning mix of seasoned faculty with research and consultancy experience as well as young and pro-active teachers who are multifaceted.

Highest qualification	Professor.		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
Ph.D.	01	--	02	--	08	01	12
M.Phil.	01	----	01	--	03	01	06
<u>NET/SET</u>					10	02	12
PG	----	----	02	--	01	---	03
Temporary teachers							
Ph.D.	----	----	----	----	03	--	03
M.Phil.	----	----	----	----	02	--	02
<u>NET/SET</u>					15	--	15
PG	----	----	----	----	10	19	29
Part-time teachers							
Ph.D.	----	----	----	----	----	----	----
M.Phil.	----	----	----	----	----	----	----
PG	----	----	01	---	---	----	01



2.4.2 How does the institution cope with the growing demand/ scarcity of qualified senior faculty to teach new programmes/ modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and the outcome during the last three years.

The college has introduced following new courses as per growing demand:

1. B. Sc in Computer Science
2. Microbiology
3. COC in Biotechnology
4. M. Sc. in Chemistry
5. M. Phil and Ph. D in Botany
6. M. Phil and Ph. D in Chemistry

The strategies to overcome scarcity of expert faculty are:

- The institution tries to plug the acute shortage of faculty by submitting proposals for extension of two years in service to the faculty who are on the verge of retirement. The institution got benefitted by the faculty viz. Dr. A. L. Khot (Chemistry), Dr. R. R. Mulla (Hindi) and Prof. R. D. Jadhav (Economics) through the said scheme.
- Subject experts from nearby institutions are invited to inject new thinking and diversity
- Guest lectures by faculty from nearby colleges and retired teachers
- Training to existing faculty members
- Seminars and workshops are organized to update the subject knowledge.
- Teaching is supplemented by e-learning materials.

2.4.3 Providing details on staff development programmes during the last four years elaborate on the strategies adopted by the institution in enhancing the teacher quality.

There is a staff academy for updating teachers' pedagogical skills. It has the main objective of training faculty members particularly those newly recruited.

a) Deputation to staff development programmes

Year	Academic Staff Development Programmes					
	Refresher courses	Orientation programmes	Staff training conducted by the university	Short Term Course	Staff training conducted by other institutions	Summer / winter schools, workshops, etc.
2011-2012	03	01	-	01	-	-
2012-2013	01	01	-	-	-	02
2013-2014	02	05	-	-	-	-
2014-2015	03	07	-	02	-	-
2015-2016	06	-	04	01	01	01
Total	15	14	04	04	01	03



b) Deputation as resource person and participant:

Sr. No.	Name of faculty	Research paper Presentation Seminars/ Conference/works hops			Research paper / Chapters/Units Publications				Resource Person
		Int	Nat	State	Proce eding	Journal	Chapter/ Units		
							ISS N	ISB N	
1	Dr. C.J Khilare	5	25	25	4	15			21
2	Dr.K.M. Bhise				8	3			
3	Dr.B.S. Balwant	02	22	04	01	01	8	2	
4	Dr. A.N. Dadas	5	5	1	3	4	05		17
5	Dr.V.V. Kamble					15			
6	Dr.A.S. Bhagwan		4	1	4				
7	Dr.V. P. Gaikwad	04	14	03	10	05		02	
8	Prof. P.K. Tone	03	13	0	20	02	06	05	
9	Dr. S.M. Khetre	04	12		02	16	05		
10	Dr.B.S. Lokde	01	06	04	04	03			02
11	S.B. Waghmode				08				
12	Dr. V.M. Mane	1	6		1	4			3
13	Dr. M.J. Lubal	--	--	--	5				
14	H. L. Deshmukh	01	06		02				01
15	Prof. Rasal D.K.	2	8	5	8				
16	Prof. N.V. Shinde	3	6	--	6	5			
17	Dr. V.S. Jamdade	2	5		4	9			
18	Dr. K.S. Raut	1	1			3			
19	Prof. S.T. Koli	01	11	01			4		
20	Prof.B. L. Gaikwad	02	05	01					
21	Prof. S.P. Raut	01	04				01	04	
22	Prof.N.M. Mehtre	03	04				04	03	
23	ProfM R Bhadane	-	02					02	
24	Prof.S. P. Diwate	01	03		01			01	
25	Prof. N.V. Shinde	02	01		06	05		02	
26	Prof. S.N. Pawar	04	14	07	13	08			



27	Prof.S.S. Joshi			01					
28	ProfMB Shikalgar	02	04	03	03				

Strategies:

- Deputation on study leave for FDP
- Seed money for research
- Provision of DL along with TA, DA for attending conferences.
- Motivation for Research: MRP, M. Phil and Ph.D
- Rayat Lecture Series for faculty
- Rayat Vidnyan Parishad for students and faculty

2.4.4 What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes industrial engagement etc.)

Positive measures to recharge teachers by institution:

- Institution subscribed 38 national and international journals, educational magazines
- Well-equipped research laboratories, CFC, library and computer labs are made available to the faculty
- Monetary assistance to the departments for organization of national and international seminar, conferences and workshops.
- Study leave is granted to faculty under faculty development Programmes
- Registration fees and travelling expenses are reimbursed to faculty members for research paper presentations at national and international levels.
- Provision of seed money Rs. 5,00,000/- for research

Positive measures to recharge teachers by the parent institution:

- Provision of deputation on Faculty Development Programme (FDP) for M. Phil., Ph. D.
- Teacher felicitation for outstanding performance
- Provision of corpus fund for research and attending conferences abroad.
- Rayat Institute for Research Development (RIRD) - a research center for promoting research for the faculty from 41 colleges run by the parent institute
- MoUs of the parent institute with ISSAR Pune, TIFR Mumbai.
- Substitute teacher appointments in place of teachers attending faculty development programmes

Outcome:

1	Number of research guides	05
2	Number of teachers availed FDP to pursue Ph. D	03
3	Number of faculty members completed Ph. D	07
4	Number of faculty members pursuing Ph. D	16



5	Number of Ph. D students under the supervision of the faculty	15
6	Number of research papers published in peer reviewed journals	93
7	Publication in proceeding of seminars, conferences	100
8	Number of Books published by the faculty	12
9	Number of Major Research Projects completed	01
10	Number of Minor Research Projects completed	17
11	Number of applications submitted to UGC for Minor Research Projects	07
12	Number of seminars, conferences and workshops organized	31

2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance/achievement of the faculty.

The Institution continuously motivates faculty to achieve excellence in their respective subject knowledge. The following measures are undertaken in this regard:

- Display of information about various awards and competitions
- Rich library and laboratory resources
- Details of Awards received by faculty:
 - Dr. C. J. Khilare – Flora and Fauna – FISURYA, F. S. E. Sc.
 - Dr. D. D. Namdas – Flora and Fauna- F. S. E. Sc.
 - Prof. V. V. Kamble – Best Paper Award in National Conference
 - Prof. N. D. Lokhande – Dr. Shivajirao Chavan Research Award
 - Dr. V. P. Gaikwad – Best NSS Programme Officer

2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?

Yes.

The mechanism of evaluation of teachers includes the following:

Evaluation by External Peers:

- Rayat Quality Management System (RQMS) constituted by the parent institute to evaluate performance of the colleges run by it
- Mock NAAC Peer Teams are invited prior to NAAC peer team
- Karmaveer Paritoshik Committee – The institute received Karmaveer Paritoshik for the academic year 2014-15

Evaluation by students:

- Students submit Teacher's evaluation forms
- Students also give feedback through suggestion box, installed at easily accessible points on campus, without disclosing their own identity.



- Students' feedback is taken into consideration through innovative activity i.e. Weekly News Bulletin
- It is collected and analyzed by IQAC
- These forms and suggestions are then analyzed by the Principal and the overall result of the evaluation is conveyed to the concerned faculty to ensure improvement in teaching.
- At the same time the complimentary remarks are appreciated and shared with other faculties.

2.5 Evaluation Process and Reforms

2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?

The nature of question papers and the pattern of evaluation as per guidelines of the university are discussed and communicated to the students at the commencement of every term so as to make them familiar with the evaluation process and methods of the university. All faculties adopt university evaluation methods even for the internal exams i.e. preliminary exam conducted as a matter of preparation for the final university exam. These are ensured through the following methods:

- Display of all information regarding examination on notice board at the commencement of each term
- Previous university question papers made available at the central as well as departmental libraries through Question Bank scheme.
- Discussion during departmental meetings
- Classroom discussion on nature of the revised curriculum and new examination system
- Participation of faculty and students in the workshops on revised syllabus
- Organization of workshops on revised syllabus and examination reforms
- Exam fee back mechanism during severe drought as per government resolutions.

2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?

University Level Reforms:

1. Adoption of Semester System
2. Internal evaluation for final year of undergraduate degree and PG programme that include seminars, projects, oral tests, practical exams, etc. as per university guidelines.
3. Submission of online marks of internal evaluation
4. Evaluation of degree courses was done earlier at central level. However evaluation of first year answer books is to be conducted by the institution from 2011-12. It's a major evaluation reform by the university.
5. Online submission of marks for first year examinations by the institution.
6. CBCS system for M.Sc. courses since 2015-16.

Institution Level Reforms:

1. Formation of exam committee at the institutional level for conducting parallel exams as preliminary exams before commencement of university examination and university exam for first year of the degree courses.



2. Previous question papers circulated among the students for solving at home as a part of evaluation.
3. Open book tests for degree courses.
4. Unit tests, home-assignments, surprise tests, seminar
5. Comprehensive and reliable system of internal assessment
6. Different methods of assessment including oral testing, surprise test and peer group work evaluation that strives to bring about greater participation, equity, equality and emancipation for all students.

Transparency in Evaluation:

- There is a provision of reevaluation of the answer books as per demands on payment of the prescribed fees.
- Photocopy of assessed answer book after the declaration of the result is also given to the students on account of grievance, if any.
- Credit system has been adopted for PG courses

2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?

Reforms of the University implemented by the institution:

- Semester pattern is adopted and implemented in the college
- Seminars, projects, oral tests, practical exams, etc. as per university guidelines for internal evaluation.
- Online marks of internal evaluation are submitted by the concerned examiner.
- Evaluation of first year answer books is conducted at the institution from 2011-12 and marks of the same exam are submitted online by the institution.
- CBCS system for M.Sc. in Chemistry, M. Phil. and Ph.D. in Botany and Chemistry courses has been adopted since 2015-16.
- The affiliating university awarded the college with status of Cluster College for conducting university exams in four colleges i.e. Bhaiyasaheb Rajemane College, Mhaswad, Arts and Commerce College, Vaduj, Shahajiraje Mahavidyalaya, Khatav, and Arts and Commerce College, Mayani
- Internal Evaluation Committee plans and displays exam schedule
- Faculty members of the institution work as paper setter, examiner, moderator in university theory and practical examination at UG and PG level.

Reforms by the institution:

The College Internal Evaluation and Examination Committee has continued its own continuous internal evaluation process of reformation by considering diverse group of students having difference in their mental, physical, economic, social and cultural traits:

1. Conducting preliminary exam parallel to university exam, assessment of answer books, open book test, etc.
2. Record of different evaluation works is submitted to the college examination committee
3. Modification in working of the examination committee to cope up with the rise in quantity and complexity of evaluation work.

2.5.4 Provide details on the formative and summative assessment approaches adopted to measure student achievement. Cite a few examples which have positively impacted the system.

The college conducts different tests and assigns some practical based activities to



formulate a summative evaluation so as to inculcate core values such as integrity, responsibility, tolerance, patience, respect, honesty, sympathy, understanding, etc.

The college has adopted following formative assessment approaches:

Sr. No.	Method of evaluation	Positive outcome
1	Unit Tests	Confirmation of the grasping power of the students
2	Seminar Presentations	Improvement in presentation skills
3	Home Assignments	Increased writing abilities
4	Surprise Tests	Identification of slow, average and advanced learners
5	Open Book Tests	Enrichment in critical and evaluative thinking
6	Preliminary Examination	Measuring the preparation of university exams

Summative assessment approaches:

Sr. No.	Method of Evaluation	Positive Outcome
1	Internal Evaluation Tests	Improvement in the subject knowledge
2	Seminar Presentations	Improvement in presentation skills
3	Project Writing	Development of collaborative efforts and creative writing
4	Viva-voce	Confirmation of the grasping power of the students
5	Practical Examinations	Development of practical approach and skills

2.5.5 Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.

The marks of the internal examinations are given on the basis of performance in seminar presentations and project writings, attendance in the classes, overall performance and behaviour. This compels students to learn independently and improve communication skills.

Class	Weightage		Evaluation Method	Outcome
	Theory	Internal		
TY B.A.	40	10	Seminar and Projects	Reflective skills and thinking dispositions
TY B.Com.	40	10	Seminars	Development in



			and Projects	communicative and collaborative skills
TY B. Sc.	40	10	Tutorials/ Presentations	Individual talent development and pedagogical skills
BCA	80	20	Test	Developing problem solving and decision making skills
M. Sc.	80	20	Test	Increase in overall performance

2.5.6 What are the graduate attributes specified by the college/ affiliating university? How does the college ensure the attainment of these by the students?

A good student is one who is disciplined, regular, punctual, obedient and sensitive to other students. He is expected to be polite, attentive, well mannered, hard working and innovative. The graduate ought to be able to adjust with adverse conditions and he/she must possess positive attitude. The college adheres to the values of secularism, development of scientific temper, global perspective, and national integrity among its students as stated in its vision and mission. The college is destined to inculcate the following graduate attributes:

- A) Attributes for social and economic empowerment:**
- Effective communication skills and development of entrepreneurship skills
 - Basic understanding of management and accounting
 - Self employment ability
 - Multicultural perspective resulting in secular thinking
- B) Accept scholastic career and value oriented challenges:**
- Up gradation of subject knowledge
 - Scientific temper and research culture
- C) Environment and gender sensitization with inclusive and secular outlook:**
- Environmental awareness
 - Gender equality and social awareness.
- D) Synergize traditional and modern value:**
- Critical thinking and problem solving skills
- E) Able to manage and observe change:**
- Team work and Leadership skills
- F) Competent to take quick decision and readily employment:**
- Theory into action
 - Computer literacy
 - Innovation in learning process

The attainment of these attributes through:

- Spoken English Course at Entry Level and career oriented courses
- Career fair organized by department of Commerce
- Introduction of BCA as well as COC in Computer Accountancy Tally Package
- Study tours and industrial visits
- Gathering of traditional folk arts from Man region



- Organization of workshops and seminars
- Tests, examinations, home assignments, project work, paper presentation etc.
- Participation in Avishkar competition conducted by university
- Various competitions and cultural programmes
- Competitive examination guidance center
- Promoting scientific temper through Vivekwahini
- Sports tournaments, NSS, NCC, Youth festival
- Activities carried out by women empowerment cell
- Campus projects
- Short Term Courses
- Science exhibitions
- Book exhibitions
- Skill development fair, Moot court
- Weekly News Bulletin, MoU with Mandeshi Tarang Vahini, Short Term Course in Rural Journalism
- Mini language lab
- CFC

2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?

The grievances about evaluation process at the college level are solved by the college examination committee. The chairman of this committee works as CoE of the college exam and evaluation process. Senior and experienced faculty are given such charge. The grievances are settled following guidelines of the affiliating university.

Mechanisms for redressal of grievances:

University Level	College Level
Student's Application	Student's Application
Application forwarded through Principal	Application forwarded to the College Internal Exam Committee
CoE	Correspondence to CoE
Subject Expert	Communication to university
Paper Assessment	Communication to college
Communication to University	Communication to college CoE
Communication to Student	Communication to student

2.6. Student Performance and Learning Outcomes

2.6.1 Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?

Yes, the college has clearly stated learning outcomes in-

- vision and mission
- website
- notice boards
- prospectus
- annual *ADWAIT*



Learning Outcomes:

Arts:

- Communication skills and competitive spirit
- Eradication of superstitions, enrichment of scientific temper and research aptitude
- Good citizenship with soft skills
- Constructive social work through women empowerment, socio-economic equity, opportunities to differently abled students

Commerce:

- Entrepreneurial skills and leadership development
- Accounting and managerial skills

Science:

- Creation of scientific temper
- Environmental awareness
- Watershed management and energy conservation

BCA:

- Computer and internet literacy,
- Administrative and management skills
- Global competency

Outcome of all streams during last four years:

- **Placements: 201**

2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the students' results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.

Ways of monitoring the progress and performance:

- Open Book Test
- Surprise Test
- Unit Tests
- Tutorials
- Seminar Presentations
- Individual as well as group projects
- Group Discussions
- Preliminary Examinations
- University Examinations

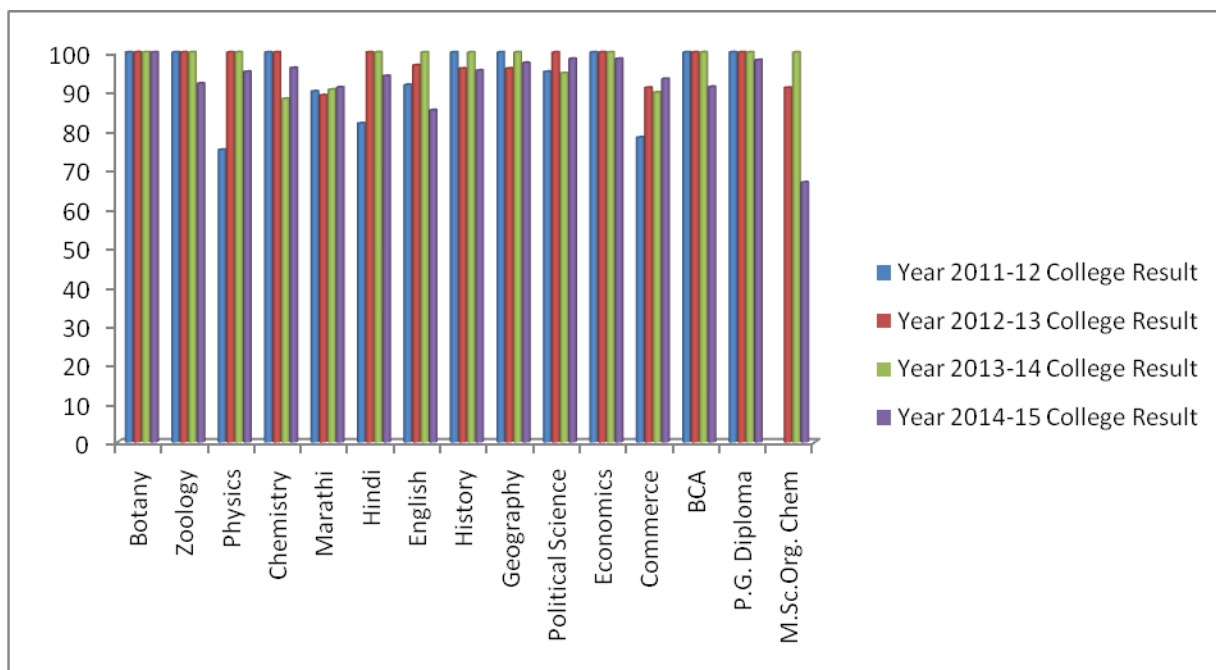
Communication of the progress and performance through:

- Parents' meet
- Classroom interactions
- Tutor-ward scheme
- Notices

The details of the final year B. A., B. Sc., B. Com., BCA and M.Sc. results are as given below:



Department wise result



Analysis:

Although there is increase in the number of appeared students during the last four years, there is increase in passing percentage also. The same trend is maintained by each department.

2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?

Sr. No	Stream	Strategies adopted	Learning outcomes
1	Science	COCs and Short Term Courses Household Useful Chemicals, Soil & Water Analysis, Biotechnology, Watershed Management, Campus Projects, Activities of Science Association	Scientific temper, Self employment ability, Water conservation, Environment awareness, Technological skills Eradication of superstitions
2	Arts	Spoken English at Entry Level, Translation and Communicative Proficiency in English, Rural Journalism, HRD, Tourism	Improvement of communication skills Soft skill developments, Inculcation of moral and ethical values, Development of human resource, Presentation skills and leadership development
3	Commerce	Computer Accountancy Tally Package,	Entrepreneurship skills Handling of Tally software



		Banks Visits, Marketing Fair	Self Employment Skills
4	BCA	Spoken English at Entry Level	Improvement of communication skills Soft skill development
5	General	Yoga Studies Cultural Programme Avishkar Activities	Stress management Confidence Building Creative temper, and presentations skills Development of scientific temper

2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (student placements, entrepreneurship, innovation and research aptitude developed among students etc.) of the courses offered?

The institute takes initiatives to enhance the social and economic relevance through different courses offered at all classes. Following are the achievements of these courses:

A. Student Placements:

Sr. No.	Year	Name of the Industry	No. of Placement
1	2010-2011	Aarti Drigs Limited	03
2	2011-2012	Aarti Drigs Limited	11
3	2012-2013	Aarti Drigs Limited	24
4	2013-2014	ICICI bank, Lupin, Aarti Drigs Limited, Yazaki India, Ltd.	93
5	2014-2015	Kalyani Forge Sanaswadi, Mahindra Convayors System, Pirangut	39
6	2015-2016	TCS, Influence Computers, Kolhapur	34

B. Development of entrepreneurship through:

- Skill development fair
- Computer Accountancy Tally Package
- MoUs with industries and organizations
- Industrial visits and study tours
- Organization of workshops
- Deputation of students and faculty for seminars and workshops
- Lecture series for students and teachers by renowned persons
- Short term courses such as Rural Journalism
- On campus projects

C. Innovation:

- Weekly News Bulletin
- Skill development fair, Bank visits, Campus projects, lab to land
- On-job training through linkages with WIPRO
- Introduction of new programmes



D. Research Aptitude:

- Science exhibition by students for high school students
- Rayat Inspire Programme of the parent institute to motivate and generate research spirit among students and teachers.
- Participation in and organization of Avishkar Research Competition which is an innovative programme of the university to generate research culture among students and teachers.
- Lecture series, workshops on research for injecting research aptitude
- Wall papers on current issues on different occasions
- Group Projects and surveys on the basis of research culture
- Annual publication of *Adwait* – a platform for introducing creativity among the students
- Research laboratories in the college and RIRD of the parent institute.
- The refereed journal *Trajectory* run by the parent institute for inculcating research culture among the students and staff.
- Subscription of Research journals and online facilities

2.6.5 How does the institution collect and analyze data on student performance and learning outcomes and use it for planning and overcoming barriers of learning?

The institution collects and analyses data on outcomes of students learning through the results of the university and internal exams, oral and written tests. The chairperson of the concerned activities identifies the barriers and shortcomings such as attendance and performance in examination. Corrective and preventive measures are taken by the institution to overcome these barriers.

The strategies adopted to overcome the barriers and shortcomings of learning are as follows:

- Introduction of Bridge courses,
- Remedial coaching for first year students
- Question papers solving sessions
- Departmental libraries
- Proficiency tests

2.6.6 How does the institution monitor and ensure the achievement of learning outcomes?

- Analysis of performance and assessment at regular intervals
- Remedial coaching for first year students in difficult subjects such as English, Chemistry, Maths & Stats, Accountancy
- Placement: Frequent organization of campus interviews and on-job training programmes of reputed industries resulted in 201 placements of the students during last five years.
- Student Progression to PG and Research is at high scale.
- Learning outcomes are monitored and ensured as follows:
Principal \rightleftharpoons IQAC \rightleftharpoons Vice-principal \rightleftharpoons HoDs \rightleftharpoons
Subject Teacher \rightleftharpoons Stakeholders \rightleftharpoons students, parents, alumni



2.6.7 Does the institution and individual teachers use assessment/ evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If ‘yes’ provide details on the process and cite a few examples.

Yes, the institution and faculty use assessment/ evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning through following:

- Classroom performance
- Tests
- Tutorials
- Seminars
- Individual and group projects
- Group Discussions
- Communication skills
- Weekly News Bulletin
- Preliminary Examinations

• **Activities and performance in teaching – learning related activities:**

Sr. No.	Subject	Course	Intention
1	English	Translation and Communicative Proficiency in English	Students are weak in English
2	Commerce	Computer Accountancy Tally Package	Placement problem due to software handling, poor economic base (migration)
3	Maths	Remedial coaching	Solving mathematical problems
4	Chemistry	Remedial coaching	Understanding basic concepts in Chemistry

Any other relevant information regarding Teaching-Learning and Evaluation which the college would like to include.

- Patents by the teachers
- PG recognized teachers
- Books written by the faculty
- Chapters written in Text Books of the university
- Faculty on editorial board of various journals and text book writings

**CRITERION - III: RESEARCH, CONSULTANCY AND EXTENSION****3.1 Promotion of Research**

Though belonging to the perennial drought prone region, the institution makes all efforts to build a vibrant research culture on the campus.

3.1.1 Does the Institution have recognized research center/s of the affiliating university or any other agency / organization?

Yes, the institute has two recognized M. Phil and Ph. D research laboratories in Botany and Chemistry since 2011 of the affiliating university. These laboratories are used to carry out research in collaboration with other institutes and universities.

The parent institution has established research center known as Rayat Institute of Research and Development (RIRD) for M.Phil and Ph. D. Moreover, the college has MoUs with other colleges. Department of Chemistry has MoU with KBP College, Pandharpur and YCIS, Satara for the sake of pursuing research work and overall development of the students.

3.1.2 Does the institution have research Committee to Monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact?

Yes, the institution has Research Committee to monitor and address the issues related to research and researchers. The parent institute has established RIRD for research work that is beneficial for faculty from its 41 colleges.

The research committee of the institution looks into-

- Creating awareness about various funding agencies, schemes and thrust areas.
- Facilitating access to research oriented activities
- Inviting proposals from faculty for Minor and Major research projects funded by UGC and other agencies.
- Strengthening research culture among students and teachers.
- Encouragement to faculty to register for Ph.D

Composition of Research Advisory Committee:

Sr.No.	Name of the faculty	Department	Designation
1	Prin. Dr. Khilare C. J.	Botany	President
2	Dr. Balwant B.S.	Hindi	Member
3	Dr.Dadas A.N.	IQAC	Member
4	Dr.Khetre S.M.	Chemistry	Member
5	Dr.Lokde B.S.	English	Member
6	Dr. Mane V.M.	Education	Member
7	Dr. Jamdade V.S.	Physics	Member
8	Dr. Chopade A.U.	Chemistry	Secretary



Recommendations put forward by the committee during the last five years.

Recommendations	Implementation	Impact
To establish Research Laboratories	Two Research Labs in Botany and Chemistry are established.	Research culture and scientific temper increased. One faculty is awarded Ph.D. and others are pursuing Ph.D.
To enhance common facility center	Common Facility Center developed at Dept. of Chemistry	Research is made easier by providing all facilities under a single roof. Overwhelming response of students. Participation in research festival, inspire schemes resulted in prizes, awards, etc.
To submit proposals for research projects	Major Research Project	Completed-1
	Minor Research Projects	Completed-17 Ongoing-3 Proposals submitted-6 Increase in Minor Research Projects
To organize research programmes	Seminar /Conference/Workshops organized	National Level -19 State Level -06 University Level -22 The thrust areas of these were the issues related to water literacy, farmer's suicides, etc.
To increase research publications	Quality research articles are published in journals like Sprinjel with scopus citation. Research papers published in seminars, conferences, workshops.	International Journals –59 National Journals-34 Research Papers presentations in seminars/conferences International - 57 National - 218 StateLevel - 54 Books Written-12 Proceeding of Seminars/Conferences IQAC-2, Hindi-2, Botany-2, Zoology-2, Chemistry-2, History-1, English 1, Economics – 1, Geography – 1, Commerce – 1
To subscribe reputed referred journals and periodicals	Free internet and Wi-Fi connectivity, INFLIBNET N-List programme, Enhancement of inter-library loan facility	Central library is vibrant learning center with plenty of audio - visual materials. It provides access to wide resources for learning and research. Subscription of journals-12, Periodicals – 26, e-journals through N-list-6,000 e-Books- 1,35,000 Total collection of Books - 60,012
To sustain Collaborations with other institutes	Signed MoUs with other institutions, industries and NGOs Organization of various	13MoUs signed and collaborative activities conducted.



	research activities.	
To depute faculty for FIP/FDP	Three faculties were deputed under the scheme.	Two faculties are awarded with Ph.D and one has submitted his thesis
To strengthen research facilities	Implemented DST- FIST programme with the tune of rupees 50 lakhs for science faculty	Strengthened different departments and labs with modern equipments and books.
To provide seed money/corpus fund for research	Encouragement to faculty for research paper presentations Raised rupees 5 lakh as seed money Provision of rupees 5 crore as corpus fund by parent institute	Faculty presented 329 papers in national and international seminars and conferences.

3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes or projects?

The institution promotes research culture and scientific attitude among the faculty and students. Following measures have been taken to facilitate smooth progress and implementation of research:

a) **Autonomy to the principal investigator**

- As per guidelines of the UGC and other funding agencies, there is freedom to the principal investigator to organise and conduct experiments, to purchase equipments, instruments and books as per needs.

b) **Timely availability as release of resources**

- Resources, instruments and special facilities required for conducting quality research are made available.
- Faculty members who have registered for research are given flexibility to carry out data collection, analysis and library work and laboratory experiments.
- Research laboratories are open for researchers even on Sundays, holidays and during vacation period.

c) **Adequate infrastructure and human resource**

The institution provides infrastructure, laboratory facilities, library facilities, and assistance needed for research.

d) **Time-off, reduced teaching load, special leave, etc. to teachers**

- Sabbatical leave (FIP) of 2 years for Ph.D.
- Duty leave is sanctioned.
- TA and DA is provided to present research papers in seminars, conferences. The details of expenditure are as follows:

2011-12	2012-13	2013-14	2014-15	2015-16	Total
15,681/-	35,948/-	22,190/-	11,174/-	23083/-	1,08,076/-

- The institution has policy of rearranging lectures for faculty to pursue quality research.



- The institution promotes teachers to participate in short term training programs. Following faculty are the beneficiaries during the last 5 years:

Name of faculty	Nature of programme	Duration	Place
Dr. Khilare C. J.	Orientation Programme in Planning and Management of Higher Education Institutions. (NEUPA)	19/12 /2011 to 23/12/2011	ASC, University of Kerala, Tiruanantpuram.
Prof. Shinde K. S. Dr. Lubal M. J.	Workshop on skill development programme.	2/11/2015 to 6/11/2015	Shivaji Uni., Kolhapur.
Dr. Gaikwad V. P.	Summer Training Programme in Geospatial Technologies and Applications	10 /5/ 2012 to 30/5/ 2012	Smt. Parvatibai Chowgule College of Arts & Science Margaon, Goa
	NSS Orientation Course	18/7/2011 to 23/7/2011	Ahamadnagar College
Prof. Rasal D. K.	NSS Orientation Course	5 /11/2012 to 11/11/ 2012	Ahamadnagar College
Prof. Vidhate G. S.	NSS Orientation Course	9/11/2012 to 25/11/2012	Ahamadnagar College
Dr. Khetre S. M.	Basic Chemistry	7/9/2015 to 12/9/2015	BAMU, Auragabad
Dr. Jamadade V. S.	Science education, science project and INSPIRE Programme	5/10/2015 to 9/10/2015	Homi Bhabha Center for Science Education, TIFR, Mumbai.
Prof. Ghurake B. B.	Winter Training Programme in Geospatial Technology	16/11/2015 to 06/12/2015	Parvatibai Chougule College, Margaon, Goa

e) Support in terms of technology and information needs:

- The institution provides facility of Central Library, Departmental Libraries with Periodical Section of national and international reputed research journals, e-Books, e- Journals and INFLIBNET, N-List Programme.
- Well-equipped and well furnished 5 science labs, 6 computer labs, mini language lab.
- All departments have computers with free internet connectivity, NRC center, Wi-Fi campus.

f) Facilitate timely auditing and submission of utilization certificate to the funding agencies:

Research committee guides and facilitates for timely submission of audit report and utilization certificates of major and minor research projects to the concerned authorities. The institution maintains separate record for DST –FIST programme.



3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

The institution takes efforts to cultivate scientific temper, research culture and aptitude among the students by planning various activities viz. Avishkar Research Competition, Vivekawahini, Science Exhibition, Publication of Wallpapers, Lead College Activities, Social Surveys, Field Visits, Study Tours, Science Exhibition, Lectures of eminent personalities, participation in seminars and conferences, etc.

Avishkar Activities:

Name of the activity	Theme/Subject	Date
AVISHKAR Workshop	One Day Teachers' Workshop on Avishkar Orientation Programme sponsored by Shivaji University, Kolhapur	12/11/2014
AVISHKAR Research Competition	District level Avishkar research competition	17/12/2014
AVISHKAR Research Competition	District level Avishkar research competition under Shivaji University.	28/12/2012
AVISHKAR Workshop	One Day Workshop on Research Methodology and Report Writing	04/02/2011

- There has been active participation of students and faculty in the university Avishkar research competitions. The students have bagged following prizes and awards:

Year	Name	Faculty	Rank	Level
2012-13	Kale AkshayAbaso	Commerce, Mgt. & Law	Participated	State
2012-13	Kale AkshayAbaso	Commerce, Mgt. & Law	First	University
2013-14	Kale AkshayAbaso	Commerce, Mgt. & Law	Participated	State
2013-14	Kale AkshayAbaso	Commerce, Mgt. & Law	Second	University
2014-15	Mulla Najneen Bashir	Commerce, Mgt. & Law	Participated	State
2014-15	Mulla Najneen B.	Commerce, Mgt. & Law	First	University
2014-15	Borate Priyanka B.	Commerce, Mgt. & Law	Third	District
2014-15	Suryawanshi Rekha	Humanities	First	District
2014-15	Suryawanshi Rekha	Humanities	Third	University
2014-15	Doshi Saheli C.	Pure Sciences	Second	University
2014-15	Doshi Saheli C.	Pure Sciences	Participated	State
2015-16	Hajare Abhijit	Commerce, Mgt. & Law	Third	District
2015-16	Jadhav Pragati J.	Pure Sciences	Participated	District

Development of Research /Scientific Temper through –

- **Science Association** publishes wall papers under the title Alkemie, Galileo, Nature Club and Botanica. Science Exhibition is organized that include innovative



scientific models and posters. It helps in nurturing scientific temper. Celebration of science day, birth and death anniversaries of scientists and quiz contests help to increase scientific temper among students.

- **Vivekvahini** conducts activities to eradicate superstitions organizing lectures series as well as publishing wallpapers and presenting posters on global issues like water literacy, jalyuktshiwari, pollution, female foeticide, farmers' suicide.
- Organization of research activities under Lead College Scheme.
- Surveys: Department of Commerce undertook survey on drought prone area of Man Taluka and Department of Zoology on birds nest making places in Man Taluka as well as on communal rusting behaviour in birds at Dahiwadi College Coconut Garden.

Details of activities for developing scientific temper:

Theme	Resource Person	Date
Safar Wishwachi	Dr. Nitin Shinde	21/12/2012
Importance of Ozone in life	Dr. T. N. Lokhande	17/09/2013
Geographical Condition of Man Taluka	Dr. Sudhir Ingale	20/01/2014
Role of Agro-industry in Rural Development	Dr. Anil Wavare Dr. Chaware Dr. D. R. More	04/02/2014
Avishkar Research	Dr. A. B. Rajage	12/11/2014

- Various campus projects such as Sericulture, Apiculture, Vermi-composting, Polyhouse, Shednet and other group projects boost the research.
- Under innovative programme of UGC **PG Diploma Course in Green Chemistry and Crop Protection** is run by the college which facilitates teaching and interdisciplinary research in emerging areas.
- Students are encouraged to undertake group research projects and the institution provides some sort of financial and infrastructural support.
- Short term courses such as Soil and Water Analysis, Biotechnology, Watershed Management are introduced by the college.
- Social Surveys by Dept of Commerce, Geography, History, Chemistry, Botany, Zoology related to entrepreneurship skill development, health and hygiene, social awareness, etc.
- Participation of students in national conferences/seminars on the topics of local significance about water literacy in drought prone region.
- Eminent personalities from reputed institutions are invited for interactive sessions on recent development.
- Besides the parent institute invited research scholars like President Dr. A. P. J. Abdul Kalam, Dr. Raghunath Mashelkar, Dr. Kakodkar, Dr. Vijay Bhatkar, Dr. Narendra Jadhav, Dr. Sudha Murty and made these lectures live through skype and video conferencing.
- Study tours and field visits to research centers and industries are arranged to enhance the knowledge of students.
- Participation and presentation in Rayat Vidyan Parishad, Rayat INSPIRE Camp organised by parent institution.
- Gauri Pawar is the recipient of INSPIRE award.



3.1.5 Give details of the faculty involvement in active research (guiding student research, leading research project, engaged in individual / collaborative research activities etc.)

Faculty is actively engaged in research activities like guiding in research, undertaking Major and Minor research projects, collaborative research activities and publication of research papers in journals of national and international repute. The proposals are discussed at departmental level as well as reviewed by the research committee before they could be submitted to the sponsoring agency

- List of research guides, number of Ph.D awarded and ongoing:

Department	Research Guide	Ph.D awarded	Ph. D ongoing
Chemistry	Dr. D. V. Jagtap Dr. S. M. Khetre	-	06
Botany	Prin. Dr. C. J. Khilare Dr. D. D. Namdas Dr K M Bhise	02 - -	08
Zoology	Dr M J Lubal	-	-
Hindi	Dr. R. R. Mulla	03	01
Total	07	05	15

- Faculty members with Ph.D degree awarded during last five years: 11
- Faculty members with Ph. D work ongoing : 18
- Major Research Project completed : 01
- Minor Research Projects completed :18
- Minor Research Projects ongoing : 03
- Minor Research Project proposals submitted : 06
- Patents : 06

Details of Minor Research Projects Completed

Name of Faculty	Dept	Title	Year	Agency	Grant Received
Prof. V. V. Kambale	Botany	Studies on Miccorrhiza Fungi in Satara District	2011	UGC	160000/-
Dr. B. S. Lokde	English	A Maxist Critique of Mulk Raj Anand's <i>Untouchable & Coolie</i>	2011	UGC	41000/-
Dr. C. J. Khilare	Botany	Biodiversity of Satara District	2011	UGC	80000/-
Dr. C. J. Khilare and N. B. Mane	Botany	Mycorrhizal Studies of Khandala Taluka	2011	UGC	110000/-



Dr. B. S. Balwant	Hindi	Suryabala ke Kahani Sahitya me Chitrit Nari Samsya	2012	UGC	55000/-
Dr. S. M. Khetre	Chemistry	Synthesis and Characterization of Nanocrystalline Mixed Metal Oxide	2012	UGC	130000/-
Dr. A. U. Chopade	Chemistry	Synthesis of R Baclofan and its applications	2012	UGC	200000/-
Prof. A. N. Dadas	English	Gender Relations in Khushwant Shingh's <i>Men and Women in My Life</i>	2012	UGC	50000/-
Prof. S. A. Khot	Geography	Survey of Water Conservation Methods in Drought Prone Area	2012	UGC	100000/-
Prof. V. S. Kapase	Chemistry	Study of Soil Analysis of Man taluka	2012	UGC	100000/-
Prof. S. B. Narute	Marathi	Strivadi Sahityacha Chikitsak Abhyas	2013	UGC	115000/-
Dr. R. R. Mulla	Hindi	Samkalin Hindi Kavya ke Uttar Adhunikata Ek Alochana	2013	UGC	110000/-
Prof. R. D. Jadhav	Economics	Benefit and Cost analysis of Agricultural Product in Drought Prone Area	2014	UGC	15000/-
Prof. S. N. Pawar	Geography	Special Pattern of Sex Ratio in Ahmednagar District	2014	UGC	85000/-
Prof. M. B. Shikalgar	Commerce	Micro Finance and Women Empowerment	2015	UGC	115000/-
Prof. S. R. Swami	Economics	Socio-economic Study of Farmers of Drought Prone Area	2015	UGC	15000/-
Prof. M. V. Jadhav	Geography	Study of population in Satara District	2015	UGC	105000/-
Prof. N. V. Shinde	Marathi	Kavi Narayan Sumantyancho Kavyatil Gramin Jivan	2016	UGC	90000/-
Total					14,76,000/-

Ongoing Minor Research Projects:

Name	Department	Topic	Years	Amount Rs.
Dr. V. M. Mane	Education	Effect of Constructivist Approach on Student Teacher Achievement	2015	110000/-



Prof. K. S. Shinde	History	Study of Temples and Historical Places in Satara District	2015	135000/-
Dr. D. D. Namdas	Botany	Studies on Influence of Microbial Bioinoculants on Some Forest Plants in Nursery Condition	2013	130000/-
Total				3,75,000/-

Proposals submitted seeking financial assistance for Minor Research Projects:

Name	Dept	Title	Year
Dr. V. P. Gaikwad	Geography	Rainwater Harvesting Potentiality in Drought Prone Area of Satara District	2015
Dr. S. M. Khetre	Chemistry	Synthesis Characterization of Metal Doped Copper Oxide Nanoparticles & its Application in Organic Transformation & dye Degradation	2015
Dr. A. U. Chopade	Chemistry	Asymmetric Synthesis of (R) Baclofen using Nitrene Addition via Aziridination Reaction	2015
Dr. B. S. Lokde	English	Exploration of the Life of Women and Children in the Fictional World of Khushwantsingh and Bapsi Sidhwa: A Study	2015
Dr. B. S. Balwant	Hindi	Dr. Narendra Kohli ke Samajik aur Rajnaitik Vyang-Lekhkanka Adhyayan	2015
Dr. V. S. Jamdade	Physics	Development of $ZnFe_2O_4$ thin film for supper capacitor application	2015

Completed Major Research Projects:

Name	Dept	Title	Year	Agency	Amount Received
Dr. N. K. Patole (Principal Investigator) Prof. N. V. Shinde (Co- Investigator)	Marathi	Marathi Tamashache Badalate Swarup	2013	UGC	Rs. 499000/-

No. of faculty completed Ph.D during the last 5 years:

Name of faculty	Dept.	Title	Declaration Year
Dr. V. S. Jamdade	Physics	$NiFe_2O_4$ -Polyaniline Based Heterojunction for LPG- Sensor: Fabrication and Performance Evaluation	2011
Dr. K. M. Bhise	Botany	Lignicolous ascomycetes from Ahamadnagar, Maharashtra	2012
Dr. S. M. Khetre	Chemistry	Catalytic and Structural Studies of Non-Stoichiometric Mixed Oxides of Rare Earth and Transition Metals	2012



Dr. A. S. Bhagwan	Political Science	Interpretation of act 21 by Indian Judiciary	2013
Dr. B. S. Balwant	Hindi	Surybalake Sahitya Me Narike Vividh Roop	2013
Dr. S. S. Taware	Zoology	Salinity Induced Respiratory Alternations in Esturine Calm Laturisuca at Bhatye Estuar, Ratnagiri Coast, India	2014
Dr. A. N. Dadas	English	Colonial Consciousness in Select Novels of John Masters.	2015
Dr. B. S. Lokde	English	Society, Politics and Culture in the Prose Writing of Sri Arobindo and Dr. B. R. Ambedkar: A Study	2015
Dr. K. S. Raut	English	Intertextuality in the Select Novels of Ian Mac	2015
Dr. V. P. Gaikwad	Geography	A Geographical Analysis of Rainwater Harvesting Potentiality in Satara District of Maharashtra	2015
Dr. J. M. Tamboli	Political Science	Maharashtratil Muslim Samajache Rajkaran	2016

Details of Faculty Pursuing Ph.D

Sr. No.	Name	Dept	Title	Year of Registration
1	Shinde U. E.	Physical Education	Effect of Yoga and Wet Training on Long Distance Runners Stride Length	2010
2	Waghmode S. B.	Marathi	1957 Nantar chi Marathi Gramin Kadambari	2011
3	Tone P. K.	Economics	Sustainable Agricultural Development in Hill Area of Satara Dist.	2011
4	Lokhande N. D.	English	A Study of Black Consciousness in Select Novels of Nadine Gordimer and J. M. Coetzee	2011
5	Kambale V. V.	Botany	Mycorrhizal Fungi	2012
6	Shinde N. V.	Marathi	Naudattri Ggramin Kavyasangrahatil Khrushi Sanskruticha Abhyas	2012
7	Waghmare S. D.	Marathi	Anand Yadav & Markendeyyancha Katha Kadambaricha Taulnic Abhyas	2012
8	Shikalgar M. B.	Commerce	Health Service Management: A Study of Primary Health Centers in Satara District	2012
9	Mhetre N. M.	Economics	Flow of Foreign Direct Investment in India and China: A Comparative Analysis -1991-2010	2012



10	Waghmare K. S.	History	Social and Economic Condition of Dalit Movement in Nanded Taluka	2013
11	More B. V.	History	Pachim Maharashtraatil Dushkalstithi: Ek Abhays	2014
12	Ghurake B. B.	Geography	Levels of Social Development in Kolhapur District (Maharashtra)	2014
13	Raut S. P.	Economics	Economic Analysis of Cattle Market in Solapur District	2014
14	Rasal D. K.	History	PES Che Shaikshanik Ani Samajik Yogdan	2015
15	Diwate S. P.	Geography	Population Pressure on Agricultural Land in Satara District: Geographical Analysis	2015
16	Koli S. T.	Hindi	Ambedkarwadi Vicharonke Prabhav ka Hindi Tatha Marathi Natakonka Tulnatmak Abhyas	2015
17	Gaikwad B. L.	Hindi	Kashinath Singh ke Upnyasonka Visheshanatmak Adhyanan	2015
18	Pawar S. N.	Geography	Socio-Economic Status of Women in Ahmadnagar District: A Geographical Study	April 2016 Submitted

Student Research Projects:

Name of Student	Name of Guide	Title of the Project	Year
Kale Akshay Abaso	Prof. Shikalgar M. B.	Man Talukyatil Dushkali Paristhiticha Abhyas	2012-13
Kale Akshay Abaso	Prof. Shikalgar M. B.	Gramin Udyojaktecha Abhyas	2013-14
Mulla Najneen Bashir	Prof. Shikalgar M. B.	Mahila Udyojaktecha Abhyas	2014-15
Borate Priyanka	Prof. Shikalgar M. B.	Man Talukyatil Sheti Malachya Abhyas	2014-15
Hajare Abhijit	Prof. Shikalgar M. B.	Jalyukta Shiwar Abhyas	2015-16
Suryawanshi Rekha	Prof. Raut S. P.	21vya Shatakat Man Talukyatil Striyanchi Ghatati Sankhya Ek Gambhir Samsya	2014-15

UG and PG Projects during the last five years:

Sr. No.	Year	No. of Projects
1	2011-12	05
2	2012-13	09
3	2013-14	07
4	2015-16	19

**3.1.6 Give details of the workshops /training programmes conducted /organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.**

The institution takes initiatives to encourage research culture among students and teachers organizing seminars, workshops, lecture series, and training sessions on recent trends as well as interactions with eminent personalities.

Details of national, state and university level seminars/conferences organized during the last five years:

Department	National	State	University	No. of Resource Persons
Library	--	01	--	05
Marathi	--	--	01	04
Hindi	02	--	01	12
History	02	--	01	12
Political Sci.	02	--	--	08
Economics	01	02	01	15
Commerce	01	01	04	18
English	--	--	02	08
Geography	01	01	--	08
Chemistry	01	--	04	16
Botany	02	--	04	24
Zoology	03	01	02	24
Physics	01	--	03	13
Education	01	--	--	03
IQAC	02	--	--	16
Total	19	06	23	186

3.1.7 Provide details of prioritized research areas and the expertise available with the institution.

Sr. No.	Name	Department	Prioritized areas of research
1	Dr. C. J. Khilare	Botany	Biodiversity of Plants and Mycology, Plant Pathology
2	Dr. S. M. Khetre	Chemistry	Organic Chemistry, Nanomaterial Science, Photodegradation, Green Chemistry
3	Dr. D. D. Namdas	Botany	Mycology for Agriculture
4	Dr. A. U. Chopade	Chemistry	Drug Synthesis
5	Dr. V. S. Jamdade	Physics	Thin film physics



6	Dr. B. S. Balawant	Hindi	Women Literature
7	Dr. V. M. Mane	Education	Teaching-learning process
8	Dr .V. P. Gaikwad	Geography	Agricultural Geography
9	Dr. A. S. Bhagvan	Politics	Indian law
10	Dr. A. N. Dadas	English	Colonial Consciousness in Literature
11	Dr. B. S. Lokde	English	Indian English Literature
12	Dr. K. S. Raut	English	Literature
13	Dr. R. R. Mulla	Hindi	Literature
14	Dr. K. M. Bhise	Botany	Mycology
15	Patake V. D.	Physics	Solid State Physics, Thin Film Physics
16	Tone P. K.	Economics	Agricultural Development
17	Waghmode S. B.	Marathi	Women literature
18	Dr. J. M. Tamboli	Politics	Political Process
19	N. D. Lokhande	English	Black Consciousness, ELT

3.1.8. Enumerate the efforts of the institutions in attracting researchers of eminence to visit the campus and interact with teachers and students.

The institution has made efforts to attract eminent researchers in the campus and interact with teachers and students through lecture series, workshops, conferences, seminars. The details are as follows:

Sr. No.	Name of Researcher	Research Center	Thrust Area	Date of Visit
1.	Dr. M. A. Ali, Dr. U. R. Masuti, Dr. Nagma Malik, Dr. P. Dube, Dr. Gokakar, Dr. Vasant Surve	Aligad Muslim University, Karnataka University, S. N. D. T. University, Mumbai	Uttar Adhunikata Aur Hindi Kavya, Natak, Aur Upnyas	28/1/2011 29/1/2011
2	Dr. B. N. Gofane, Dr. D. H. Pawar, Dr. P. V. Patil, Dr. More, Dr. Arun Patil	Department of Geography, SUK	Dushkalgrast Pradeshatil Loksankhya, Paryatan, wa Sheticha Wikas	3/10/2012 4/10/2012
3	Dr. A. D. Jagadale	Scientist, JSPS Fellow, Japan	Research in Physics	27/08/2014
4	Dr. Nishad Deshpande	Scientist, DST India	Research in Physics	2014
5	Dr. Shekhar Mohite	LBS College, Satara	Kas: the World Heritage Flora & Fauna	3Mar 2015
6	Dr. B. F. Rodriguse	Professor, Dept. of Botany, Goa Uni. Goa	Recent Trends in Biology: Nanoscience	13/12/2014 14/12/2014
7	Dr. B. E. Kumarswamy	Kuvempu University, Shimoga, Karnataka	Recent Trends in Chemistry: Nanoscience	18/10/2013 19/10/2013



8	Dr. Krishna Reddy	Shri. Krishnadevray University, Anantpuram, Andhra Pradesh	Recent Trends in Chemistry: Nanoscience	18/10/2013 19/10/2013
9	Dr. Sandesh Sawant	Central Salt & Marine Chemical Research Institute DIMC, Bhavnagar, Gujrat	Recent Trends in Chemistry: Nanoscience	18/10/2013 19/10/2013
10	Prin. Dr. Patil C. S	Director, Law School, Karnataka Law Univesity	Lokpal and Lokayukta in Indian Scenario	23/10/ 2013
11	Prin. Dr. Chaudhary V. H.	Dean, Law Faculty, BAMU, Aurangabad.	Lokpal and Lokayukta in Indian Scenario	24/10/ 2013
12	Dr. Y. M. Jayaraj	Dean, Faculty of Science and Technology, Gulbarga University	Recent Trends in Biology: Nanoscience	14/12/2013
13	C. Manoharachary	NASI, Senior Scientist Dept of Botany, Osmania University, Hydarabad (A.P.)	Life Sciences: An Outlook & Challenges	12/09/2014
14	Dr. A. K. Srivastav	Secretary, Flora & Fauna Research Journal	Life Sciences: An Outlook & Challenges	12/09/2014
15	Dr. Shubhada Wanjape, Dr. Ahilya Mishra	Hydrabad	21 wi Sadi ke Hindi Katha Sahitya me Wyang	6/10/2014 7/10/2014
16	Dr. Vasant Surve	Chairman, Hindi Adhayayan Mandal, SUK	21 wi Sadi Ke Hindi Katha Sahitya me Wyang	7/10/2014
17	Dr. Sidhanath V. Bhosale	Sr. Scientist Polymar Functional Material Division, CSIR, ICT, Hyderabad, Telangana	Green Chemistry	26/03/2015
18	Dr. Balram Bhushan	Dept. of Bio Science, Rajivi Gandhi University of Knowledge Technology, Nuzid, Andrapradesh	Emerging Trends in Commerce & Social Sciences	29/02/2016
19	Dr. Padoshi	Ex. Head Dept. of Economics, Goa University, Goa	Educational Awareness towards Environmental Hazards	9/03/2016

**3.1.9. What percentage of the faculty has utilized sabbatical leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?**

Sabbatical leave is granted to teachers for research purpose. Around 11% percent of the faculty has utilized sabbatical leave for research. The details of teachers who availed FDP are as follows:

Sr. No.	Name of Teacher	Department	Name of Institute/University	Date
1	Dr. S. M. Khetre	Chemistry	Shivaji University, Kolhapur	28/2/2011 to 21/9/2011
2	Dr. B. S. Lokde	English	SRTM University, Nanded	01/03/2012 to 08/02/2014
3	Prof. S. N. Pawar	Geography	Shivaji University, Kolhapur	01/09/2014 to 31/08/2016

3.1.10 Give details of the initiatives taken up by the institution in creating awareness /advocating /transfer of relative findings of research of the institution and elsewhere to students and community (lab to land).

The initiatives taken by the institution to create awareness about research findings through:

- Organization of seminars, conferences, workshops, symposiums
- Students and faculty present their research findings at regional, national, international level seminars, conferences and publish through newspapers, proceedings, reputed national and international journals.
- Students get an opportunity to interact with eminent researchers and scholars during national conference, seminars, workshops and lead college activities.
- Research projects and social surveys.
- Department of Chemistry provides information about soil and water analysis of nearest villages.
- Department of Botany provides information about crop protection and disease control.
- Department of Zoology provides information about vermicompost, apiculture, sericulture, watershed management.
- Department of Geography has undertaken social surveys about water conservation as a great need of drought prone area.
- Department of Physics has filed six patents and developed LPG Gas Sensor-affordable to common man and high performance capacitor.
- Department of Environmental Science and Vivek Vahini work on environmental problems and implement programmes such as **one house one tree**.

3.2 Resource Mobilization for Research:**3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.**

The budgetary provisions are made seeking funding from the agencies like UGC, DST and other sources. Considering the significance of research, the institute allocated



funds for purchase of necessary equipments, subscription of subject based research journals; travel grants are made available for participation in conferences, seminars and workshops. The institute also provides financial assistance to organize conference, seminar and workshop.

The details of major expenditure are as follows:

Perticulars	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Purchase of Equipments	697210/-	211507/-	657654/-	823419/-	190940/-	2580730/-
Computers	385280/-	316440/-	547340/-	17744/-	87200/-	1354004/-
Laboratory	57870/-	120523/-	119798/-	2558418/-	2856609/-	655000/-
Subscription for Books/ Journals	215594/-	216287/-	306683/-	208863/-	483246/-	1430673/-

Participation of faculty in conferences, seminars and workshops (TA/DA)

	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Seminar	14269	75681	22190	31265	69876	213281
Workshop	5242	35948	41192	17723	101342	201447
Conference	5242	--	--	133578	18087	156907
Study Tour	4349	318	165	--	--	4832
Lecture Series	7000	7000	--	--	7000	21000

Projects: (Major/Minor) Utilization

Projects	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Major	800000/-	--	--	238330/-	2,82,065/-	13,18,395/-
Minor	--	--	5,80,000/-	177906/-	22500/-	9,80,406
FDP	--	--	--	529020/-	15000/-	5,44,020/-
	8,00,000/-	--	5,80,000/-	9,45,256	3,19,565	28,42,820/-

Financial allocation and actual utilization:

Perticulars	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Innovative Projects	4500000/-	---	---	---	---	---	4500000/-
Assistant Grant :UGC	61,50,000/-	1,36,00,000/-	31,02,000/-	19,76,250/-	30,00,000/-	12,35,000/-	2,90,63,250/-
DST	--	--	--	--	--	50,00,000/-	50,00,000/-
PG Diploma	40,10,292/-	3,10,000/-	3,10,000/-	6,36,938/-	4,10,000/-	3,10,000/-	53,66,000/-



3.2.2 Is there a provision in the institute to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years.

Yes.

The institute has provision of seed money of Rs.5, 05, 00, 000/- to the faculty for the research and to attend seminars, workshops, conferences etc. Details of seed money available for faculty are as follows:

Sr.No.	Particulars	Amount
1	Provision by parent institute	5,00,00,000/-
2	Seed money generated by college during 2011 to 2015	5,00,000/-
TOTAL		5,05,00,000/-

3.2.3 What are the financial provisions made available to support student research projects by students?

The financial assistance of Rs. **340421/-** has been provided to the students during the last five years. Under Inspire Scholarship Scheme of the affiliating university Rs. **340421/-** is given to students. The resources like library, computer labs, internet services, stationary, infrastructure and well equipped laboratories are made available to the students

Following are the details of financial support given to students:

Particulars	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Lead College	--	32543	14133	47756	54953	25000	1,74,385/-
Avishkar Competition	36620	15681	35119	22190	11174/-	4915/-	1,25,699/-
Ashwamedh	--	12186	2772	17984	3339/-	4056/-	40,337/-

3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.

- The institute runs PG Diploma in Green Chemistry and Crop Protection as innovative programme. It is interdisciplinary programme offered to any graduate from science stream.
- Inter-disciplinary courses (COPs) such as Biotechnology, Soil and Water Analysis and Watershed Management are purely interdisciplinary run by Department of Botany, Chemistry and Geography respectively.
- Short Term Course in HRD is for the students from Economics, Political Science and History Departments.
- Short Term Course in Rural Journalism has been introduced for the students of Marathi and Hindi subjects.



- Model Projects for students such as Plasticulture, Sericulture, Apiculture, Vermi-Composting, Nursery techniques, Rain Water Harvesting, etc.

Teachers are allowed to attend conferences, seminars, workshops, etc to acquaint with research and get familiar with new ideas and thrust areas of research. The institute also organizes conferences, seminars, workshops and guest lectures of eminent personalities.

Some significant achievements in this regard are as follows:

- Establishment of Common Facility Centre (CFC)
- Development and extension of science laboratories through DST-FIST programme
- Miss. Gouri Pawar is the recipient of INSPIRE award.
- Six patents are in credit of faculty from Department of Physics
- Publications : 93
- MRP completed : 17
- Paper presented : 329
- Papers published : 93
- Conferences organized : 19

Faculty have submitted proposals on various interdisciplinary major and minor research projects and also published research papers in national and international journals. Following are the thrust areas of interdisciplinary research:

- Conservation of plant biodiversity by ex-situ method
- Studies on Plant Biodiversity of Satara district
- Mycorrhizal studies of some Crop Plants
- Drought condition and its effect on bird diversity
- Potential candidate for LPG gas sensing
- Nanostructure of NiFeO₄ Thin Film
- Green Chemistry and Crop-Protection

No. of seminars, conferences and workshops organized:

Name of Department	Conference/Seminar	Workshop
Physics	--	04
Chemistry	02	02
Botany	02	04
Zoology	02	02
English	01	02
Geography	02	01
Hindi	02	01
History	03	01
BCA	02	01
Library	01	01

3.2.5 How does the institute ensure optimal use of various equipments and research facilities of the institution by its staff and students?

This institute has well equipped infrastructural facilities. This institute is run into two shifts. The research laboratories, Computer Lab, Botanical Garden are made available



all the time in order to optimize the use of laboratories. Students use library services as well as free Wi-Fi internet access in each department.

The equipments & research facilities and library of the institution are used for following:

Recognized research laboratories for M. Sc., M.Phil and Ph.D. research in Botany and Chemistry

- Regular Practical
 - Major and Minor Research Projects conducted by faculty
 - Post Graduate diploma as innovative programme is implemented in the institute
 - Free Internet Access
 - Wi-Fi
 - Career Oriented Programmes
 - Assign research projects to PG students
 - Avishkar preparation and guidance
 - Conservation of rare endangered plants
 - Biodiversity of Birds
-
- ❖ Sharing equipments from research labs by research students from other colleges.
 - ❖ Wi-Fi facility, Scanner, printer and Photocopiers are also available in almost all the departments.
 - ❖ Model Projects for Students: Plasticulture, Sericulture, Apiculture, Vermi-Composting, Nursery Techniques, Rain Water Harvesting
 - ❖ Projects
 - ❖ Wall Papers, Posters presentation on various social issues, scientific temper, global issues

3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If Yes give details

Yes

- The institute has received grants from industry.
- WIPRO Company provides stipend to selected students
- DST-FIST granted Rs. 5000000/-
- The financial assistance of Rs. 125000/- under Inspire Scholarship Scheme has been provided to the students.
- Avishkar Research Special Research Grant Rs. 65908/-
- College organizes workshops & Seminar fund provided by UGC for developing research.
- Staff members, LMC and college have collected seed money of Rs. 293000/- which is provided to the faculty for research.
- Institute has MoU with Mandeshi Foundation which organizes training programmes like Soap and Detergent making, Paper Bag making, etc.



3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during last four years.

Year	Amount to Faculty
2010-11	36720/-
2011-12	15681/-
2012-13	35948/-
2013-14	22190/-
2014-15	11174/-
2015-16	23083/-
Total	144796/-

Faculty completed 01 Major and 15 Minor Projects during last 5 years which received more than 35,00,000/- amount. Besides, 03 projects are ongoing.

Nature of the Project	Sr. No.	Name of Investigator	Duration	Completed	Subject	Name of the Funding agency	Total Grant sanction	Total Grant received till date
Major Project	1	Patole N. K.	2011-13	2012	Marathi	UGC	499000/-	499000/-
Minor Projects	1	Dr. C. J. Khilare	2008-10	2011	Botany	UGC	80000/-	80000/-
	2	Dr. C. J. Khilare & N. B. Mane	2008-10	2011	Botany	UGC	110000/-	110000/-
	3	Mali A. R.	2008-10	2011	Botany	UGC	80000/-	80000/-
	4	Dr. D. D. Namdas	2007-09	2011	Botany	BCUD	100000/-	100000/-
	5	Jadhav M. V.	2010-12	2011	Geography	UGC	105000/-	105000/-
	6	Dr. Dadas A. N.	2009-11	2011	English	UGC	50000/-	50000/-
	7	Dr. Balwant B. S.	2009-11	2011	Hindi	UGC	55000/-	55000/-
	8	Dr. Mulla R. R.	2009-11	2011	Hindi	UGC	105000/-	110000/-
	9	Dr. Lokde B. S.	2009-11	2011	English	UGC	75000/-	41000/-
	10	Narute S. B.	2010-12	2011	Marathi	UGC	95000/-	115000/-
	11	Dr. D. D. Namdas	2008-10	2012	Botany	UGC	95000/-	95000/-
	12	Jadhav R. D.	2010-12	2012	Economics	UGC	15000/-	15000/-
	13	Swami S. R.	2010-12	2012	Economics	UGC	15000/-	15000/-
	14	Kakade B. H.	2010-12	2012	History	UGC	18000/-	18000/-
	15	Dr. C. J. Khilare & V. V. Kamble	2011-13	2013	Botany	UGC	160000/-	160000/-
	16	Khot S. A.	2012-14	2013	Geography	UGC	100000/-	100000/-
	17	Shinde N. V.	2012-14	2013	English	UGC	45000/-	45000/-
	19	Dr. Chopade A. U.	2012-14	2013	Chemistry	UGC	200000/-	200000/-
	20	Dr. Khetre S. M.	2012-14	2014	Chemistry	UGC	130000/-	130000/-
	21	Kapase V. S.	2012-14	2014	Chemistry	UGC	100000/-	100000/-
	22	Pawar S. N.	2014-16	2014	Geography	UGC	85000/-	85,000/-
	23	Shikalgar M. B.	2014-16	2015	Commerce	UGC	1,00,000/-	1,15,000/-
	24	Dr. D. D. Namdas	2013-15	2015	Botany	UGC	130000/-	130000/-
	25	Dr. C. J. Khilare & Kamble V. V.	2011-12	2015	Botany	UGC	160000/-	1,60,000/-
	Any Other (Specify)		Innovative Project	5 Years	--	PGD in Green Chemistry..	UGC	350000/-



3.3 Research Facilities

3.3.1 What are the research facilities available to the students and research scholars within the campus?

The college strives to electrify the research capacities of the students and faculty. Special efforts are taken to create environment for flourishing and blooming new ideas.

Major research facilities available in the college campus are as follows:

- Well-equipped and well-furnished 2 recognised research laboratories with availability of 7 research guides, 5 Science laboratories (Botany, Chemistry, Physics, Zoology, Computer Science), Commerce Lab and Mini Language Lab.
- CFC with advanced equipments
- Well-equipped central library with subscription of national and international research journals, e-sources, reference books.
- Botanical garden with lush greenery and various projects in the campus.
- Dissertations are made available in the central library.
- Facility of INFLIBNET N-List programme, NRC.
- Broadband connectivity and unlimited internet access for students with Wi-Fi system.
- Models, specimens, charts, maps are available at various departments.
- Seed money is made available by institute and parent institution.

3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging area of research?

- There are interactions and meets with head of departments and faculty members to satisfy needs of the researchers.
- Recommendations of departments for requirements are fulfilled.
- Upgradation of the laboratory facility, library facility
- Advanced scientific equipments are purchased as per need.
- Interactions with experts in the concerned field.
- The research committee plans to fulfill needs of researchers in consultation with IQAC and LMC.
- Proposals are submitted to funding agencies like UGC, DST under various research schemes.
- Encouragement for undertaking Major and Minor research projects in various thrust areas.
- Infrastructural facilities are upgraded as per requirement.
- Research guides are available at the department of Botany and Chemistry with well-equipped and infrastructural research laboratory.
- Internet, laptop, printer, study material & stationary is made available.
- MoUs with other institutes/research laboratories to provide immediate and effective assistance in research. The Department of Chemistry works collaboratively with YCIS, Satara and KBP College, Pandharpur to boost research.



3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If yes, what are the instruments/facilities created during the last four years.

The parent institution has MoUs with Bhabha Atomic Research Center (BARC), WIPRO, South Korea, and other agencies. WIPRO provides stipend to the beneficiaries while giving them training. Besides, the college has also signed MoUs with Mandeshi Foundation, Mhasawad; Nimbkar Seeds Pvt Ltd, Phalta; KBP Institute of Management Studies and Research, Satara, Ahilyadevi Holkar Sheep and Goat Farming, Atul Milk and Milk Products, Dahiwadi, etc.

UGC has sanctioned Rs. 53.50 lacks for Innovative Programme of P. G. Diploma in Green Chemistry and Crop Protection and 25 lacks as additional grant to purchase equipments under 11th plan.

The college has promoted research by developing infrastructural requirements in emerging disciplines such as Chemistry, Botany, Biotechnology, Physics, Zoology, BCA, NRC, Computer Science, MS-CIT, languages. The facilities are created through grants from UGC, DST-FIST received on the basis of research standards.

3.3.4 What are the research facilities made available to the students and research scholars outside the campus/other research laboratories?

The faculty takes necessary efforts to ensure facilities needed for students' projects.

- Students and research scholars use infrastructure of other institutes viz. KBP College, Pandharpur; YCIS, Satara; Nimbkar Seeds, Phaltan and Mandeshi Foundation, Mhaswad.
- The college has an excellent coordination with various departments of Shivaji University, Kolhapur and parent institution's Rayat Institute of Research and Development (RIRD), Karmveer Vidya Prabodhini and K. B. P. Institute of Management Studies and Research, Varye.
- Faculty members have access to other institutes through parent institute's MoUs with BARC, WIPRO, Infosys, TCS, etc.
- The research scholars working under the guidance of the college teachers have access to reference books, journals and all e-resources available in the university library and neighbouring institutes.
- The central library of the college has inter loan facility with D. P. Bhosale College, Koregaon; Balawant College, Vita; Shivaji College, Satara; K. B. P. College, Pandharpur; Arts and Commerce College, Pusegaon.
- Departments organise study tours and field visits every year.

3.3.5 Provide details on the library/ information resource centre or any other facilities available specifically for researchers?

- The college has rich library with e-resources which is stocked with 60,012 books, e-journals and CDs and DVDs.
- Departmental libraries with sufficient reference books.
- Parent institute has developed Rayat Knowledge Bank through PPT contributions of the teaching faculty from its 41 colleges.
- OPAC facility to search books easily.
- Access to online journals through N-List programme of INFLIBNET



- Free internet facility with Wi-Fi network.
- Reprography units
- Study room for students and faculty
- Library website: sub domain on college website <http://www.dahiwadcollege.in>
- Well-equipped and well furnished 5 science labs and well-furnished 6 computer labs (with 110 PCs)
- ICT based learning (with 14 LCDs, Wi-Fi and intercom)
- Equipments like Mass Spectrometer, FTIR Spectrometer, Microwave Oven, UV-VIS Spectrometer, BOD Incubator, 2 Shednet Polyhouses, and Apiculture boxes.

3.3.6 What are the collaborative research facilities developed/ created by the research institutes in the college. For ex. Laboratories, library, instruments, computers, new technology etc.

Collaborative research facilities developed in the college are as follows:

- Shivaji University has given recognition for two Research Laboratories for M. Phil and Ph. D. in Botany and Chemistry.
- Some of the institutes have signed MoUs with the college to share facilities existing in the campus.
- Nearby colleges have access to the central library through inter library loan scheme which includes D. P. Bhosale College, Koregaon; Balawant College, Vita; Shivaji College, Satara; K. B. P. College, Pandharpur; Arts and Commerce College, Pusegaon.
- Individual faculty members are also engaged in MoUs.
- The college has developed CFC through grants received from UGC and DST.

3.4 Research Publications and Awards

3.4.1 Highlight the major research achievements of the staff and students in terms of Patents obtained and filed (process and product):

The department of Physics has filed 06 patents. The details of these patents are as follows.

Name of Researcher	Title of Patent	Filing Details	Date of Publication
V. S. Jamadade, C. D. Lokhande, A. D. Jagadale	Chemically Deposited Nanocrystalline ZnFe ₂ O ₄ thin Films for Supercapacitive Application	Indian patent, App.No-341/MUM/2011. A, Patent office Date of Filing 07/02/2011, POJ-Pg.N0-16517	28/06/2013
V. S. Jamadade C. D. Lokhande	Room Temperature Sensor based on n-NiFe ₂ O ₄ /p-Polyaniline Heterojunction for Liquefied Petroleum Gas (LPG) Detection	Indian patent, 1232/MUM/2011. Patent office Date of Filing 15/04/2011, POJ-Pg.N0-7248	07/03/2014
V. S. Jamadade, C. D. Lokhande, S. V. Patil	Electrochemical Capacitor Based on Polypyrrole Thin Film Electrode	Indian patent, 3221/MUM/2011. Patent office Date of Filing 14/11/2011, POJ-Pg.N0-16260	28/06/2013



C. D. Lokhande, B. H. Patil, V. S. Jamadade	Chemical Synthesis of Polythiophene Thin Film for Super Capacitor Application	Indian Patent 1695/MUM/2012 Patent Office Date of Filing 11/06/2012 POJ – Pg. No. 31607	20/12/2013
C. D. Lokhande V. D. Patake	A Novel Chemical Method for Depositiong Ruthenium Oxide Films	Indian patent, App.No-1287/MUM/2007	05/07/2007
C. D. Lokhande V. D. Patake	A Simple Chemical Method for Depositiong Ruthenium Oxide Films	Indian patent, App.No1324/MUM/2007	10/07/2007

Original research contributing to product improvement:

Dr. V. S. Jamadade, Head, Department of Physics worked on Room temperature sensor based on n-NiFe₂O₄/p-Polyaniline Deterojunction for Liquefied Petroleum Gas (LPG) Detection.

Research studies or surveys benefiting the community or improving the services:

- Department of Economics, Political Science, Histroy have conducted socio-economic survey of 10 villages of Man Tahashil in 2015-16. Ten farmers from each village were randomly selected. This survey was undertaken by 25 students from social sciences.
The following departments conducted surveys in their respective fields that benefitted to the community:

Department of Geography:

Year	Name of Village	Theme of Survey	Selected Household
2011-12	Mardi	Land use pattern sex ratio study	148
2012-13	Bhandwali	Population Characteristics	98
2013-14	Lodhwade	Watershed development and scio-economic change Watershed development and change in land use pattern	180 180
2014-15	Wavarhire	Role of check dam in socio-economic change	185
2015-16	Andhali	Geographical study of nutrition level in Andhali Population and agricultural production: A Geographical study	266 266

- Department of Chemistry: Soil and Water Analysis**

Year	Place	Beneficiaries
2011-12	Waghmodewadi	35



2012-13	Andhali	20
2013-14	Wawarhire	24
2014-15	Waghmodewadi	35
2015-16	Wawarhire	25

- **Department of Zoology: Hb detection**

Year	Place	Beneficiaries
2011-12	Waghmodewadi	54
2012-13	Andhli	97
2013-14	Wawarhire	101
2014-15	Waghmodewadi	151
2015-16	Wawarhire	109

- Department of Botany conducted survey on 'Plant Disease Identification and Control, Nursery and Plant Disease Identification and Control' for the benefit of farmers.
- Prin. Dr. C. J. Khilare completed Minor research project on Plant Biodiversity of Satara District Survey and Ex-situ Conservation of some Rare, Endangered and Medicinal Plants.

Research inputs contributing to new initiatives and social development:

- Various surveys conducted by NSS
- Agricultural Food Grains Production in Andhali Village: A Geographical Study by 40 students from B. A. III, Geography Department
- Socio-economic study of farmers from drought-prone area of Man Tahashil of Satara District by department of History and Political Science.
- Survey on Balanced Diet of Population of Andhali Village: A Geographical Study by Geography department.
- Survey on Right to Education and Dropout Rate of School Children by NSS volunteers.
- Surveys, MRPs and books of faculty have benefited to farmers and society.

3.4.2 Does the Institute publish or partner in publication of research journal (s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?

The institute shared its publication in the following journals:

- **Flora and Fauna:** Devoted to the applied and fundamental aspects of Plant and Animal Science. Proceedings of UGC (WRO) Pune sponsored National Conference on "Life Sciences: An Outlook and Challenges" vol. 20, 2014, ISSN 0971-6920, 2014. (Dept. of Botany)
- **Proceeding** of National Conference on Recent Trends in Chemistry: Nanoscience (ISBN 978-93-5126-3)
- **Proceeding** of National Conference in Hindi published in **Research Front: An International Multidisciplinary Journal**, ISSUE 2, Vol, 2: ISSN- 2320-6440



- **Proceeding** of National Conference on Lokpal and Lokayukta in Indian Scenario, 2013, ISBN- 978-93-5126-366-1 (Dept. of History and Political Science)
- **Trajectory**: a bi-annual Research Journal by parent institution.
- **Research Journal**: Biannual research journal published by Shivaji University, Kolhapur.

3.4.3 Give details of publications by the faculty and students

- **Publications by the faculty:**

Category	Total Publications
Research papers presented at international, national and state level seminars/conferences/workshops	329
Research articles published in international and national peer reviewed journals	93
Total	422

The details of Citation Index and h-index are as follows:

Sr.No	Faculty	Citations	h-Index
1	Dr. C. J. Khilare	--	3.251
2	Dr. A. N. Dadas	--	2.5
3	Dr. B. S. Balawant	--	1.115
4	Dr. B. S. Lokde	--	2.5
5	Dr. S.M.Khetre	128	6
6	Dr. V. S. Jamdade	483	10
7	Dr. J. M. Tamboli	--	4.16
8	Dr. K. S. Raut	--	1.115
9	Dr. K. M. Bhise	--	4.509

Publications by Research Students:

Name of student	Research paper / Chapters/UnitsPublications				Impact factor
	International Proceeding	Journal	Citation	International Database	h-Index
P. D. Kulkarni	--	2			
N. B. Mane	--	1			
V. V. Kamble	5	4			

Books with ISBN/ISSN numbers with details of publishers:

Sr. No.	Author	Title of the Book	ISSN/ISBN	Publisher	Year
1	Dr. B. S. Balwant	Suryabala Ka Kahani Sahitya	978-93-84662-04-2	Ruhi Prakashan Kanpur	2015
2	Dr. M. J. Lubal	A Handbook of Practical Zoology	987-81-930142-6	Tej Prakashan Kolhapur	2015



3	Prof. N. V. Shinde	Aaiche Hath	978-81-89634-91-10	Snehwadan, Pune	2012
		Gram Kavyatil Krushi Sanskruti		Anup Prakashan Solapur	
4	Prof. N. D. Lokhande	Katharoop Yeshwantrao	978-93-81528-76-1	Sanskar Prakashan	
		Your Infinite Power to be Rich	978-81-8322-359-1	Manjul Publishing House	
		How to Reach from Where you are to Where you Want to Be Baba Aamate Vichardhan	978-81-8322-503-8	Manjul Publishing House	
		Bhasha Prabhu Vinoba.		Sanskar Prakashan Sanskar Prakashan	

3.4.4 Provide details (if any) of Research awards received by the faculty.

Sr. No.	Name of the faculty	Award	Name of Agency	Award given for	Year
1	Prof. V. V. Kamble	Best Research paper	National Conference on Recent Trends in Botany	Research Paper	2013
2	Dr. C. J. Khilare	Outstanding Contribution	FUSERA, U. P. Zanshi	Outstanding Contribution in science and technology	2014
3	Dr. D. D. Namdas	Outstanding Contribution	FISURIYA, U. P. Zanshi	Outstanding Contribution in science and technology	2014
4	Dr. V. M. Jamdade	Best Paper	National Conference Life Science: Challenges & Outlook	Best Research paper	2014
5	Prof. S. S. Joshi	Third Prize	Avishkar, Research Competition	Research paper	2014
6	Dr. K. S. Raut	Excellent Paper	Research Direction	Research Paper	2015
7	Prof. N. D. Lokhande	Dr. Shivajirao Chavan Research Award	Sahitya Kala Vikas Pratishthan, Satara	Book	2015

**Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally.**

Sr. No.	Name of the Faculty	Name of the Governing Body	Designation
1	Dr.C. J. Khilare	Shivaji University, Kolhapur	Dean, faculty of Science
		Shivaji University Research Journal	Member Advisory Board
		Flora and Fauna, Aerobiology Society India, Eco-Planning and Environmental Science, Science Congress Association	Life Member
2	Dr. D. D. Namdas	DRC Committee, Shivaji University	Member
3	Dr. D. V. Jagtap	DRC Committee, Shivaji University	Member

Incentives given to faculty for receiving state, national and international recognitions for research contributions:

The institute provides Duty Leaves and Study Leaves for receiving state, national and international recognitions for research contribution. The outcome is that most of the faculties have achieved research aptitude and 11 faculties are awarded with Ph.D. degree.

3.5 Consultancy**3.5.1 Give details of the systems and strategies for establishing institute- industry interface?**

- The placement cell of the college takes initiatives to have interface with industry for improving skills of the students so as to enhance their employability skill.
- Departments maintain healthy relations and keep interactions with industries.
- Experts from industries are invited to share their expertise with students.
- Departments like Chemistry, Geography, Zoology, Botany, Computer Science and Commerce arrange industrial visits for the final year students.
- Interactions and discussions with eminent and leading industrialists are arranged.
- Campus interview and lectures are organized by the placement cell.

Some of the organized activities are as follows:

Activity	Resource person	Title of session
Guest Lecture	Prof. Tanushri Ghosh	Communication Skills
Guest Lecture	Dr. Patwardhan	Interview Techniques
Guest Lecture	Dr. Ashok Karande	Spoken English



Guest Lecture	Prof. R. D. Jadhav	Careers Opportunities in Statistics
Guest Lecture	S. S. Kharade	Opportunities in Computer Field
Workshop	Dr. R. D. Kumbhar	Opportunities after Graduations
Lecture	Prof. S. B. Randhir	Communication Skills
Lecture	A. H. Kolekar	Personality Development
Workshop	Dr. D. S. Ghadage Dr. S. M. Patil	New Trends in Banking Sector

3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?

The institution always encourages and supports faculty to utilize their expertise and facilities for consultancy services:

- Faculty members from departments like Chemistry, Botany, Zoology, Commerce, BCA and English have been promoted to extend consultancy services in their respective fields.
- The college publicizes the expertise available through media, mouth publicity, information on the notice boards, interaction with peers, experts during seminars, conferences, meetings with the stake holders and parent meets.
- The college uploads profiles of the faculty members on website to approach other agencies.
- Faculty members write articles in newspapers on current issues.

3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?

The institution encourages staff to utilize their expertise for consultancy services by -

- Networking with other institutions, organizations, NGOs.
- Providing equipments, books, infrastructure, etc. as per requirement.
- Providing opportunities to attend skill development and training programmes.
- Motivation to undertake Major and Minor Projects from different funding agencies.
- Uploading faculty profile and expertise on college website.
- Felicitations of faculty in various functions. Faculty members of English department extended their consultancy to the nearby secondary schools through Grammar Consultancy.
- Dept. of Zoology extended consultancy through Blood Group and Hb detection camps.
- Dept of Chemistry provides free of cost consultancy regarding soil and water analysis.

3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years?

Paid Consultancy services and revenue:

Dept	Area of Consultancy	Revenue Generated
Chemistry (CFC)	Phytochemical Analysis	21,990/-
Commerce	Tax Consultancy	30,000/-
Total		51,990/-



Free of cost consultancy:

Following consultancy services are free of financial charges:

- Chemistry: Soil and Water Analysis Testing
- Zoology: Vermicompost, Agriculture, Sericulture, Hb Detection
- Zoology and Geography: Polyhouse and shednet technology, Rainwater Harvesting.
- English - English Grammar Consultancy
- Botany - Nursery technique, plasticulture technology, Plant disease detection and control management.

3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: institution) and its use for institutional development?

- The income generated through consultancy is used for research and institutional development and staff work voluntarily.
- Due to free of cost consultancies the beneficiaries like farmers, alumni, and society have maintained healthy relationship with the institution.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the institution promote institution-neighbourhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?

The institute undertakes number of extension activities to share knowledge and skills with the society. The college conducts various projects for enhancing self employability for farmers, rural women with projects like tailoring, water and soil audit survey in villages, awareness campaign on health issues in nearby villages through Hb detection camp & upgradation of quality education of neighbourhood schools. The institute conducts science exhibition to create scientific awareness in the campus and outside the campus. School children, farmers and students of the college participate in the exhibition. The institute has guiding projects on apiculture, sericulture, vermiculture for the sake of community benefit.

The college has tremendously contributed to community welfare through **JALYUKTA SHIWAR** scheme for villages. The college has donated one day salary and a certain amount through the relief fund to the villages named Wavarhire, Shiravali, Bijawadi and Daruj for deepening the dams and water tanks during drought. The college has repaired an old dam at Bijawadi. The college has initiated the programme-**One House One Tree**. It also conducted Camp for ADHAR, Voter IDs.

The other community development programs undertaken by the college are as follows:

- NSS, NCC, Vivekvahini and cultural department, work with neighbourhood people in the areas of good citizenship, health awareness, social awareness, and women issues.
- Active participation in street plays on social issues.
- Rallis are organized on various issues such as Save Baby Girl Campaign, Save Environment, AIDS awareness, women empowerment etc.
- Special NSS camps are conducted in the selected villages to sensitize students about problems faced by rural people.



- Hb detection camps, blood donation camps, lectures on health awareness are conducted in collaboration with medical officers of PHC, Dahiwadi.
- Students from department of English visit the schools in nearby villages to teach English and attempt to improve proficiency level of secondary school students.
- Celebration of important days like Gandhi Jayanti, Human Rights Day, AIDS Day, Environment Day, Science Day, International Yoga Day, International Non-violence Day, Balika Day, etc.
- Participation in Water Literacy Campaign - Jalyukta Shiwar Abhiyan as institution provided water tankers to drought prone area of Rs. 40,000/- as per requirement.
- Cattle feed provided at Wadgaon and Pangari fodder camps of worth Rs. 31,000/-
- Financial assistance to special school for differently abled children.
- Providing infrastructural facilities to the GOs and NGOs. Cultural Hall is made available for Panchayat Samiti, Tahasil Office, Mandeshi Foundation, Mandeshi Tarang Vahini, Scout and Guide, Reporter's Workshop, workshop on water conservation, Z. P., Bar Association, Dahiwadi, primary teachers, secondary schools. The college play ground with 400 meters track is made available for stakeholders.
- Organization of community meets such as parents, alumni and other stakeholders meet.
- Provides library books to the people at outskirts of Dahiwadi.
- Science Exhibition is free for school children.
- Donation for flood affected people.

Detailed of donation of equipments/instruments to other institution

Sr. No.	Beneficiary Institution	Nature of donation
1	Bhojling Vidyalaya, Jambhulani	Doors, windows and computers
2	New English School, Khadkipatoli	Doors, windows and computers
3	V.D. Highschool & Jr. College, Mahuli	Chemicals for Jr. College
4	Sevagiri Highschool, Pusegoan	Chemicals and instruments
5	New English School, Bothe	Tyles for 2 rooms
6	JSPH Highschool & Jr. College, Dhawali	Chemicals for Jr. College
7	R. C. Shahu College, Kolhapur	Financial help for construction of swimming tank

Financial support to other institutions:

Sr.No.	Institute/ individual	Rupees
1	Rayat English Medium School, Dahiwadi	5 lacks



2	Vita Highschool, Vita	1 lack
3	Play Ground, Dhawali	1 lack
4	Maharshi Vitthal Ramji Shinde Adhyasan Kendra, Shivaji University Kolhapur	1 lack
5	Shivaji University Golden Jubilee Year	30,000/-

3.6.2. What is the institutional mechanism to track students' involvement in various social movements/activities which promote citizenship roles?

- The institute strives to imbibe social responsibility in students through extension programs. Students are encouraged to participate in extension activities such as:
 - NSS Activities - *Reaching out to the Society*
 - Culture activities
 - Vivekvahini
 - Jagar Janivancha programme
 - Yuvajagar
 - Women Empowerment programmes
 - Yoga Camp
 - Cleanliness Drive
 - Water Literacy programme
- The institution organizes a number of cultural activities related to academic, social, cultural and community oriented issues like Haldi Kunku and Tilgud distribution on the occasion of Makar Sankranti.
- Field visits and surveys are organized to get experience of real life situations in community.

3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?

- The feedback from the stakeholders, the students, parents, alumni and eminent persons, well wishers is taken periodically.
- Parent Teacher Meetings are organized regularly to take feed back of the parents.
- Students are offered open platform to express their views through student council and weekly news bulletin activity.
- Comments by eminent personalities are evaluated and implemented as and where required.
- Regular meetings of the faculty, HoDs, staff, LMC, IQAC are conducted in order to keep every member updated about change.
- Inter and intradepartmental meetings monitor progress of students.
- Suggestions from alumni are given due attention.
- Feedbacks and suggestions from students are used for development of the institute.

3.6.4 How does the institution plan and organize its extension and outreach programs? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.



The extension and outreach programs are organized throughout the year. Program Officer of NSS and NCC plan activities consulting with NGOs like Andhashradha Nirmulan Samiti (Committee for eradication of superstitions), Parivartan Vyasana Mukti Kendra (A Center for Addiction free society), Satara as well as Z. P. Satara, Panchayat Samiti, Grampanchayat Dahiwadi, Primary Health Center, Dahiwadi. Besides, Vivek Vahini, Women Empowerment Cell, Cultural Committee and other departments also organize various activities.

Annual Budgetary details for NSS activities are as follows:

Sr. No.	Year	Regular Budget	N.S.S. Camp Budget	Total Volunteers Regular	Special Camp Volunteers	Total Budget
1	2010-11	42,000	45000	200	100	87000
2	2011-12	42,000	45000	200	100	87000
3	2012-13	42,000	45000	200	100	87000
4	2013-14	42,000	45000	200	100	87000
5	2014-15	42,000	45000	200	100	87000

- Activities organized by NCC are supported by Defense Ministry of India.
- Guest lectures are organized on social issues like health care, open air toilet free village, cattle health check up camp, hemoglobin check up camp, eradication of superstitions, and legal information in NSS camp.
 - Rallies and street plays on various social issues are organized such as Voter's Awareness Rally, Aids Awareness Rally, Save the Baby Girl Child Campaign, Save Energy, etc.
 - **One Home One Tree** programme organized at villages from Man tehasil viz. Andhali, Wawarhire, Waghmodewadi and planted 2000 trees of amla, nilgiri, tamarind, custard apple etc.
 - Participation in programme on Youth and Education and Lokmanas public opinion on DD Sahyadri Channel.
 - Participation in programme of Indo-German project on water conservation
 - Participation in Vasundhara Paryawaran Rally organized by affiliating university.
 - Participation in Swayamsiddha Sammelan organized by Sharadabai Pawar Institution, Baramati.
 - Participation in plantation programme and water conservation camp at Atpadi.
 - Participation in disaster management training programme at SRTMU, Nanded
 - Organization of **My Mother in My College** programme and motivation for plantation by providing one plant to each mother.
 - Active participation in **Swachh Bharat Abhiyan**
 - Participation in street plays, rallies, wallpaper publications and slogan competition on female foeticide under **Jagar Janiwancha** programmes.
 - Poster presentation on diseases like Swine flue, Ebola virus- control, Zica virus, Save Energy, etc.
 - Organization of Disaster Management, Road Safety Programmes.
 - Celebration of days on special occasions such as Guru Pournima, Teachers' day, NSS day, M. Gandhi Jayanti, Constitution Day, National Voters' Day, International Non-violence Day, Balika Din, Youth day, etc.



- Miss. Kavita Kokare participated in state level adventure sports programme at S G M University, Chikhaladara, Amrawati.
- Mr. Jagadale Rohit participated in Leadership Skill Development Programme at Savitribai Phule Pune University.

Extension Activities Under Lead College Scheme:

Name of Department	Theme/ Subject	Name of the Recourse Person	Date
Chemistry	Water and Soil Analysis at Waverhire	Dr. S. M. Khetre	15/2/2016
Zoology	Hb Detection Camp, Waverhire.	Dr. M. J. Lubal	9/12/2016
Chemistry	Water and Soil Analysis at Waghmodewadi	Dr. S. M. Khetre	29/12/2015
Zoology	Hb Detection Camp	Dr. M. J. Lubal	26/12/2015
NCC	Celebration of NCC day and distribution of educational aids to differently abled students	Prin. Dr. C. J. Khilare Prof. T. S. Mane	23/12/2014
Cultural	One day workshop on Competitive Examination Guidance	Dr. Gulab Pathan	24/02/2015
	Ebola awareness	Vivekvahini	3/9/2014
Cultural	Man Talukyatil Paramparik Kalancha Avishkar	Mr. Shahir Shinde and Gaji Nrutya (250 participants)	31/1/2015
	My Mother in My Collge Program	Aparna Ramthirthkar, Chetna Sinha	20/02/2015

Participation in Gandhi Vichar Sanskar Examination:

Year	First Prize	Second Prize	Third Prize
2014-15	Miss. Shedage Prajakata Prabhakar	Jadhav Sonali Sanjay	Tupe Lalita Ishwar
2015-16	Miss. Sadhana Uttam Ingale	Sarika Malhari Chavan	Anita Nanasahab Nikam

- **Impact/ Outcome.**

- These activities prove useful for students' emotional, intellectual and social development. Students get more confidence.
- These programs sensitize students towards the social issues, social responsibility and challenges of the society.
- To enhance leadership qualities of the students
- Awareness about social evils and inculcation of scientific attitude.
- To inculcate empathy, human values among students such as honesty, selfishness, self control, self sacrifice, tolerance, and respect for others.



- **Notable examples of leadership development.**
 - Representation of students as political leaders, head masters, teachers, soldiers and news-paper reporters, builders and businessmen.
 - Dr. P. D. Kulkarni- Chairman, Jilha Grahak Panchayat.
 - Mrs. Seema Vikramsinh Dorage – Sarpanch at Doragewadi
 - Mr. Vilas Chavan - Sarpanch at Wavarhire Grampanchayat
 - Mr. Shrikant Jagadale - Sarpanch of Pingali (BK) Tal-Man
 - Plant nursery developed at Mandawe by one of the alumni institution student.
 - Alumni of the institution is running Art of Living program at Dahiwadi.
 - Karate coaching classes are run by Mr. Vishwajit Katkar – the ex-student of institution.
 - YIN leadership through sakal newspaper. Mr. Sachin Gurav elected as representative of the college.

3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other national/international agencies?

The institution follows ideal principles and core values set by the parent institution i. e. Rayat Shikshan Sanstha which include education to all, social commitment, upliftment of the downtrodden and deprived masses, eradication of superstitions through developing scientific approach, inculcation of self respect, etc. The institution strictly promotes the participation of students and faculty in socio-cultural programmes adopting following strategy:

- Steering committee, NSS, NCC, and Vivek Vahini decide the annual plan for extension activities.
- At the beginning of each academic year, the program officer of NSS and NCC units introduce the aims and objectives of their units to the students.
- NCC cadets and NSS volunteers are also encouraged to participate in state and national level camps and activities such as- plantation, cleanliness drives, rallies, street plays, competitions, surveys on social issues.

Department	List of Activities
NSS and NCC	Plantation, cleanliness drives, rallies, street plays, competitions, surveys.
Cultural Section	Participation in Youth Festival, street plays, lok kala presentation.
Vivek Vahini	Plantation, rallies, eradication of superstitions, lectures, poster presentation.

- Special prizes and awards are given to students for their outstanding contribution.
- The institution encourages girls to enroll themselves in NSS and NCC.
- Motivation to participate in International Yoga Day on 21st June.
- Celebration of “Raising Day” in collaboration with Police Station, Dahiwadi
- Students are encouraged to participate in youth festival, street plays, folk arts, music programs, etc.



- Students are promoted to participate in outreach programmes such as plantation, rallies, eradication of superstitions, poster presentation, through Vivek Vahini committee, etc.

3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from underprivileged and vulnerable sections of society?

The institution undertakes activities for students who belong to vulnerable sections of society. The issues taken up for surveys dealing with lives of underprivileged sections of society are as follows:

Departments	List of Activities
Geography	Water conservation in drought-hit region.
Chemistry	Soil and water analysis in the vicinity villages.
NSS and NCC	Consultancy services to the local people and socio-economic conditions of farmers. Surveys on RTE-stagnation and drop out rate of primary students.
Zoology	Hb detection camps Demo campus projects on Apiculture, Vermiculture, Sericulture
Commerce	Women empowerment, Mahila Bachat Gat, Banking sector.
English	Grammar consultancy to secondary schools
Cultural section	Street plays on Lek-wachava Abhiyan (Save Girl Campaign), Participation in Youth Festival, My mother in My College
Vivekvahini and Extension Activity Cell	- Plantation, eradication of superstitions, collection of nirmalya, Save environment, Plastic Nirmulan - Awareness regarding Swine-Flue, Ebola, Zica Virus, Sickle cell Anemia, Pulse Polio, AIDS, Celebration of Constitution Day

3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.

The institution organizes various activities such as cleanliness drive, street plays, rallies, help to needy people that inculcate social values among students.

- The extension activities organized by the institution enhance their social commitment together with personal, civic, academic, collaborative and cooperative learning.
- Extension activities expose students towards social, ethical values, gender equality and eco-consciousness.
- Students acquire leadership qualities, team work, decision making, co-operative nature, self discipline, accountability while participating and organizing programs.
- Students express their views freely and gain more self confidence, autonomy and empathy.
- NCC cadets build up ability to join Indian Army and social services.
- Students understand application of knowledge and human resource towards the development of society.
- Improvement in sensitivity of the students towards social realities.



- NCC cadets paid tribute to Sunil Suryawanshi a martye at Siyachin, Himalaya (Jammu and Kashmir) and the institution provided financial support to his family at Maskarwadi.
- NCC cadets raised a fund of Rs.10000 for medicinal expenses of cadet Sameer Kharat when he got injured in accident at Vardhangad
- NSS volunteers and teachers provided economic help of Rs.1800 to school for differently abled children at Dahiwadi.
- Financial suport of Rs. 5000/-for liver transplantation of Sagar Katkar
- Medicinal help of Rs. 3000/- to Cancer survival Shekhar Mane

3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?

- The institute ensures community involvement in its extension activities with top priority. Active participation of stakeholders is sought in all community related activities. Following are the details of community involved activities:

Year	Village	Activities Undertaken	No. of participants
2011-12	Andhali	Tree plantation program, Cleanliness Drive , Swine flu Awareness Rally, Save Girl Child Program, Yoga Camp, soil and water analysis, Hb detection, cattle health camp, Construction of CCT dams, Guest lecture on social issues	325
2012-13	Waghmode-wadi	Save environment program, Cleaning of campus, Nirmal Gram Yojana, Law literacy shibir, Tree plantation, Rallies on social issues, Yoga Camp, Cattle Health camp, Hb Detection Camp, Maintenance of Kolhapuri type Nala Bund, Lecture series on: Female feticide, Yoga, Water Literacy, HIV, etc.	300
2013-14	Wawarhire	Tree plantation, Soil and water analysis, Gram Swachhata, Yoga Sadhana Camp, Free Eye check up camp, Blood and Hb detection, Organization of various competitions, Organization of Street Plays	325
2014-15	Waghmode-wadi	Jalyukta Shivar Abhiyan, Open air Toilet Free Village Nava Chetana Shibir, Cattle Health camp. Refilling of well and boar well canal repairing	270
2015-16	Wawarhire	Water conservation, Jalyukta Shiwar Yojana Aids Awareness Rally, Tree plantation, Cattle health camp, Gram Swachata Abhiyan, Yoga, Sadhana Camp, Hb and blood detection camp, Body Mass Index Women empowerment program, Right to Education Survey about strength and drop out at primary school.	350



NCC Cadets join outreach programs organized by Directorate General, Group Head Quarter, and Battalion etc. which encourage and contribute to community development.

Community development through extension activities by NCC:

- Tree plantation
- Aids Awareness Rally
- Celebration of National Days
- Maintenance of the clean campus, collection of plastic and garbage.
- Voters awareness program

3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.

The constructive relationship with other institutions and locality for working on various outreach and extension activities is forged through following outreach and extension activities:

Institutes	Collaborative Activities
Grampanchayat of Andhali, Wawarhire, Waghmodewadi villages	Tree Plantation, Gram Swachhata Abhiyan, Gaonkari Prabodahn, Pashu Chikitsa Shibir, Free Navchetavna Shibir, Water Conservation Program
Panchayat Samitee	Jalyukt Shiwar Abhiyan, Celebration of Rashtriya Samvidhan Din, Shramdan, Voter's Awareness Rallies
District Bar Association	Awareness about law literacy
Mass Media	Celebration of Reporter's Day and lectures by Journalists
Mandeshi Tarang Wahini(Radio)	Women Empowerment Symposium, talks on social reformists by faculty
Primary Health Center, Dahiwadi	Blood and Haemoglobin check up camp, HIV detection camp, distribution of Iron tablets, Female foeticide program
Sanitation Department, Zilla Parishad, Satara	Elocution competition
Agriculture dept, Irrigation dept, and Forest Dept Dahiwadi	Jalyukta Shiwar Yojana Program, Tree Plantation
Awareness about use of domestic gas Varad Gas Agency, Dahiwadi	Disaster management
Art of Living Center, Dahiwadi	Yoga, Construction of bandhara on Man river
Police Station, Dahiwadi	Raising Day

3.6.10 Give details of awards received by the institution for extension activities and contributions to the social/community development during the last four years.

Awards Received by the institution during last four years:

- Karmaveer Paritoshik for Ideal Institute



- Dr. V.P. Gaikwad is awarded with Best NSS Program Officer by Shivaji University, Kolhapur in 2012

➤ **NCC Achievements:**

Name of the students	Achievement	Year
Katkar Dhanaji Pandurang	Participation in Republic Day Camp, New Delhi– SUO	2011-12
Kharat Balasaheb, Navanath Shirkule, Shende Pravin, Aawghade Sagar, Devkar Amol	Participation in Republic Day Camp, New Delhi – SUO ATC-2012 Best Cadets ATC-2 January, 2013 Cross Country Competition--Second POSN Best Cadets Best in Drill ATC-14 Jan 2013 Second POSN, Best in drill institution-second	2012-13
Jagadale S. J.	Second in ATC- Mahagaon Drill Competition Institution Elocution competition– Third POSN	2013-14
Nalawade V. P. Mohite H. D. Pisal R. Y. Sawant T. D. Pisal R. Y.	First in ATC- Mahagaon Drill Competition Second in Firing Competition Special National Integration Camp at Lakshyadeep	2014-15
Pisal R. Y.	ATC Sajjangad –R. D. Camp 2016, Delhi, Participation in JUO ATC Sajjangad – Drill Competition Drill Competition (Individual) First Position Firing Competition – Third Position	2015-16

Prizes received by students in various competitions.

Name of student	Type of Competition	Organization	Award	Year
Kare Satyawar	Swachhata Mitra Elocution competition	Water Supply Dept. Z.P. Satara (MS) and NSS	First Prize	2012-13
Shende Amol	Swachhata Mitra Elocution competition	Water Supply Dept. Z.P. Satara (MS) and NSS	Second Prize	2012-13



3.7 Collaboration

3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarship etc.

The institution collaborates with other research laboratories and institutions to facilitate and promote research. The institution has 13 MoUs with other institutions to enhance research activities and better quality education. Faculty members provide guidance to the research students registered with this center which enriches the experience of faculty. Due to institute's collaborations with industry, there is increase in placement of students.

The details of collaborations are as follows:

- The parent institution has signed MoUs with BARC, TCS, WIPRO and South Korea for faculty sharing, campus interview, training, etc. through Karmaveer Vidya Prabodhini and Rayat Talent Search (RTS) for overall development of students.
- Dept of Botany has collaboration with the Nimbkar Seeds Pvt. Ltd., Phaltan, Dist-Satara. (M.S) and Yashwantrao Chavan Institute of Science, Satara for the benefit of students to acknowledge nursery techniques and hybrid and improved seeds, etc.
- Dept of Botany collaborates with Social Forestry Department Dahiwadi, Satara.
- Dept of Chemistry collaborates with Yashwantrao Chavan Institute of Science, Satara and Karmaveer Bhaurao Patil College, Pandharpur for faculty exchange, equipment sharing, etc.
- Dept of Physics collaborates with Influence Computer Education, Shahupuri, Kolhapur (MS) for computer designing and hardware software skills.
- Dept of Commerce collaborates with Karmaveer Bhaurao Patil Institute of Management Studies and Research, Varye, and Mandeshi Mahila Co-operative Bank Ltd Mhaswad for training of cottage industry like preparing paper bags, making of soaps and making of toys.
- Department of Zoology has collaboration with Punyashlok Aahilyadevi Holkar Sheep and Goat Development Corporation Ltd., Gokhalenagar, Pune. Region – Dahiwadi Tal-Man Dist-Satara to disseminate knowledge about rearing of sheep and goat and to achieve newer techniques to improve and strengthen rural economy.
- Research labs have been approved by Shivaji University, Kolhapur for M. Phil. and Ph. D. in Botany and Chemistry.

3.7.2 Provide Details on the MoUs/ Collaborative arrangements (if any) with institutions of national importance/other universities/industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.

During the last four years, the institution has signed MoUs with various institutions for making its ground for healthy exchange of ideas. It has also facilitated intercultural communication and exchange of academic information and proved to be mutually beneficial.



Sr. No.	Collaborative Institution	Dept	Nature of Benefit
	Karmaveer Vidya Prabhodini WIPRO, TCS, Influence Computer Institution, Kolhapur.	College	Overall development of personality of the students, Grammatical skills, employability skill, interview skills.
1	High schools	English	Grammatical skill, Development of communication skills
2	Maharashtra Sahitya Parishad, Pune	Marathi	Information about novelists, writers and poets
3	Satara Zilha Aadhyapak Mandal Satara and Mandesh Tarang Vahini, Mhaswad	Hindi	Information about novelists, writers and poets Propagating Hindi as national language.
4	Satara Itihas Sanshodhan Mandal	History	Beneficial for research activities in History
5	The Rayat Sevak Cooperative Bank Ltd., Satara	Economics	Knowledge about banking operations and transactions.
6	Land Survey and Land Record Department, Dahiwadi	Geography	Field work, Conducting field surveys.
7	Mandeshi Foundation and K. B. P. I. M. R. Satara	Commerce	Exchange of knowledge about management and market.
8	Nimbkar Seeds Pvt. Ltd, Phaltan, Dist-Satara (M.S); Yashwantrao Chavan Institute of Science, Satara; Social Forestry Department, Dahiwadi, Satara	Botany	Integrated knowledge about plants and crops Newer varieties for higher yields.
9	Punyashlok Aahilyadevi Holkar Sheep and Goat Development Corporation Ltd. Gokhlenagar, Pune Region-Dahiwadi	Zoology	Awareness about health and hygiene. Scientific knowledge for better management for rearing of animals.
10	Influence Computers, Shahupuri, Kolhapur	Physics	Applicability of IT in research, designing and computing.
11	Yashwantrao Chavan Institute of Science, Satara. Karmaveer Bhaurao Patil Mahavidyalaya,	Chemistry	Exchange of soil and water analysis facilities. Laboratory sharing, Faculty exchange, Revenue generation.



	Pandharpur.		
12	S. G. M. College, Karad. D. P. Bhosale College, Koregaon. Balwant College, Vita. K. B. P. Mahavidyalaya, Pandharpur C. S. College, Satara, Arts and Commerce College, Pusegaon	Library	Sharing library resources Modernization of library. Digitization by OPAC Use of new technologies of Information dissemination like INFLIBNET.

3.7.3 Give Details (if any) on the industry-institution-community interactions that have contributed to the establishment /creation/ up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz laboratories /library /new technology /placement service etc.

The industry-institution-community interactions enhance students and staff quality, infrastructural development, employability through academic development.

- Establishment of Common Facility Center and smart classroom
- Modification of research laboratories with equipments like AAS, FTIR, Spectrophotometer, etc.
- Organization of student enrichment programs
- Library up-gradation with new technologies like OPAC, INFLIBNET.
- Career Guidance and Placement Cell conducts placement campaigns in the campus which benefit students of the college with the help of organizations like WIPRO, Lupin Ltd, Cummins, Kalyni Forge PARI, Syntel, and TCS and as a result 201 students got placed in different companies during last four years.
- Students visit industries and research centers.
- Organization of seminars, conferences, workshops having other agencies as knowledge partners.

3.7.4 Highlighting the names of eminent scientists/participants, who contributed to the events, provide details of national and international conferences organized by the college during the last four years.

State and national seminars are organized and research activities have been undertaken to enrich the intellectual and research quotient. These conferences have paved the way for faculty and research scholars to have interaction with many national and international scholars and scientists.

Sr. No.	Department	Workshop	Date	Eminent Scholars
1	Botany	Conference on Life Sciences: Outlook and Challenges	26 March 2015	Dr. B. F. Rodrigues Goa University Dr. C. Manoharachari Osmania Uni., Hyderabad
2	Zoology	Recent Trends in	13&14 Dec	Dr. A. K. Srivastav



		Biology: Nano Science	2013	B.B. (PG) College, Jhansi Dr. Jayraj Y. M. Dean, Gulbarga University
3	Chemistry	Recent Trends in Chemistry: Nano Science	26 March 2015	Dr. R. R. Kumbhar North Maharashtra University Jalgaon. Dr. M. A. Anuse Shivaji University, Kolhapur
4	Physics	Recent Innovations in Physics	9 Feb 2015	Dr. A. D. Jagdale JSPS Fellow Japan Postdoc Fellow South Korea
5	Commerce	Changing Business Scenario and Emerging Trends in Commerce & Social Sciences	13,14 March 2015	Dr. Balram Bhusan R. G. University of Knowledge Technology A. P. Dr. M. V. Mohite Shivaji University, Kolhapur
6	Economics	Emerging Trends in Commerce & Economics	29 Feb 2016	Dr N. D. Patil Dr. Arjun Rajge Director, B.C.U.D, Shivaji University Kolhapur.
7	Hindi	Uttar Adhunikata Aur Hindi Sahitya Satire in 21 st Century Hindi Sahitya	6 & 7 Oct 2014	Dr. Subhada Vanjape Osmania University, Hyderabad Dr. Aashik Ali Aligarh Muslim University Aligarh
8	English	Workshop on Revised Syllabus B. Com-II & B. A. III	26 Aug 2015	Dr. M. A. Shaikh, Dr. J. A. Mehtre Ex.Chairman B.O.S. Shivaji University, Kolhapur
9	History, Political Science	Lokpal and Lokayukta in Indian Scenario	23 & 24 Oct 2013	Dr. C. S. Patil Dharwad, Karnataka. Dr. B. H. Choudhary Balaji University A. P.
10	Geography	Population Tourism and Agricultural Development in Drought Prone Area	3 & 4 Oct 2012	Dr. Padoshi, Ex Head, Goa University, Goa
12	IQAC	Innovative Practices in Higher Educations	19 th & 20 th Dec, 2012	Dr. Y. M. Jayaraj, Gulbarga University
		The Importance of Benchmarking in the Third Cycle of NAAC	27 th & 28 th Feb, 2015	Dr. S. S. Kharat, Principal, Modern College, Pune. Dr. R. D. Kaplay S. R. T. M. University, Nanded.
13	Library	Use of ICT in Academic Library and Authors' Talk	18 Jan, 2016	Prof. P. D. Gedam LibrarianAzad College, Satara Nalini Mahadik Marathi Poetess, Satara
14	Environmental	Educational	29 th March,	Dr. Raut P. D. Head, Dept of



Science	Awareness towards Environmental Hazards: Geographical and Historical Perspective	2016	Environmental Science
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3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/ or facilitated-

- A: - Curriculum development/ Enrichment
- B: - Internship/ on the job training.
- C: - Summer placement
- D: - Faculty Exchange and professional development
- E: - Research
- F: - Consultancy
- G: - Extension
- H: - Publication
- I: - Student Placement
- J: - Twinning programs
- K: - Introduction of New course
- L: - Student exchange
- M: - any other

The institution has developed many linkages which resulted into 13 MoUs with reputed institutions. The institution could organize the following activities:

Curriculum development/ enrichment

Members of the institution contribute to the enrichment and development of the curriculum. Feedback on current curriculum is taken from stakeholders. The institution invites experts/resource persons from other institutions for interaction with faculty and students during workshops. Prin. Dr. C. J. Khilare worked as Dean, Faculty of Science who contributed to curriculum development of science subjects. Research committee, staff academy are also engaged in curriculum development and enrichment.

- Prin. Dr. C. J. Khilare – Member, Board of Studies in Botany; Member, Senate Dean, Faculty of Science Member, DRC in Botany Member, RRC in Botany Member, Academic Council, at Shivaji University, Kolhapur
- Dr. Khetre S. M. - Sub- Committee Member Chemistry
- Dr. Namdas D. D. -Member of DRC in Botany
- Dr. Jagtap D. V. - Member of DRC
- Dr. Dadas A. N. - Member, Text Book Writing Committee, SIM, Shivaji University, Kolhapur

• **Internship/ on the job training:**

- Department of Commerce conducts visit to co-operative institutes like patsanstha. Such kind of training is helpful to students at actual job and for better understanding of career opportunities.



- Department of Chemistry visits industries such as Priyadarshani Milk Dairy, Dahiwadi and Metal Oxide Research Laboratory at Dr. Patangarao Kadam Mahavidyalaya, Sangali.
- **Faculty Exchange and Professional Development:**

The institution organizes various workshops and seminars under the Lead College Scheme for which eminent faculty members of other colleges are invited and in the same way other colleges also invite our faculty. MoUs with various institutes/industries and colleges help to improve various skills among the stakeholders.
- **Research**

There are linkages between university, library and laboratories to get resource material. The students and faculties utilize university laboratories for their research and studies. Staff Academy and Research committee help the faculty and students for research activities and as a result many students bagged prizes in Aviskar conducted by affiliating university. Some of the faculty members are working as research guides.
- **Consultancy**

The income generated through consultancy is used for institutional development as staff works voluntarily. Following are the paid consultancies:

 - Water and Soil Analysis
 - Income Tax Consultancy

The college has also free of cost consultancies in

 - Polyhouse and Shednet
 - Plant diseases
 - Vermiculture, Apiculture and Sericulture
- **Extension**

Extension programmes are organized mainly through N.S.S., N.C.C., Vivekwahini, Women Empowerment Cell, etc.
- **Publication**
 - ‘Trajectory’, a biannual journal is published by our parent institution.
 - The college has published proceedings on various topics of seminars, conferences and workshops organized in the institute.
 - An International Research Journal and Biological Science (NAAS rating 3.4) National Level ISSN 0971-6920 on Life Sciences: An Outlook and Challenges
 - Conference Proceeding-National Conf.-Recent Trends In Chemistry: Nanoscience, 18&19 Oct. 2013 ISBN-978-93-5126-3
 - Research Front – An International Multidisciplinary Research Journal by Dept. of Hindi on 6, 7, Oct 2014.
 - Lokpal and Lokayukta in Indian Scenario (Dept of Political Science and History) NCLLIS-2013 ISBN 978-93-5126-3661 23rd 24th Oct. 2014.
 - The faculty actively participated in the Research Journal published by Shivaji University, Kolhapur.
 - The college publishes its annual ‘Advait’ in which students actively contribute every year.



➤ **Book publications**

- Prof. N. V. Shinde : Aaiche Hat, Gramkavyatil Krushisanskriti
Dr. B. S. Balwant : Hindi Sahitya Ka Itihas, Suryabala Ka Kahani Sahitya,
Dr. Suryabala Ke Kahaniyon Mein Nari Ke Vividh Rup,
Dr. Suryabala Ka Upanyas Sahitya aur Nari Vimarsha
- Dr. Lubal M. J. : Handbook of Practical in Zoology
Lokhande N. D. : Katharoop Yeshwantrao, Your Infinite Power to be Rich,
How to Reach from Where you are to Where you Want to go,
Baba Aamate Vichardan,
Bhasha Prabhu Vinoba.

• **Student Placement**

The college has a very active placement cell through which 201 students have been placed in various organizations. It also runs Police Training Centre for one month. Girl students are deputed to participate in one month training held in Pune every year.

Sr. No.	Year	Number of Student
01	2010-11	03
02	2011-12	11
03	2012-13	24
04	2013-14	93
05	2014-15	39
06	2015-16	34

• **Introduction of New Courses**

The college has introduced 07 COPs and 08 short term courses considering the need of the region.

UGC/COP in-

- 1) Watershed Management and Technology
- 2) Soil and Water Analysis
- 3) Foundation Course on Human Rights Education
- 4) Biotechnology
- 5) Yoga Studies
- 6) Computer Accountancy and Tally Package
- 7) Translation and Communicative Proficiency

Short Term Courses in-

- 1) Travel and Tourism
- 2) H.R.D.
- 3) Garmin Patrakarita (Journalism)
- 4) Spoken English



- 5) Household Chemicals.
- 6) Tailoring
- 7) LTC
- 8) Personality Development

Courses started under affiliating university.

- 1) M. Phil and Ph.D.in Botany
- 2) M. Phil and Ph.D.in Chemistry
- 3) M. Sc. Organic Chemistry
- 4) P. G. Diploma in Green Chemistry & Crop Protection
- 5) Computer Science
- 6) Microbiology

3.7.6 Detail on the systematic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/collaborations.

The institution makes systematic and constant efforts to establish linkages and to implement initiatives setting the linkages/collaborations with state/national institutions, industries and research centres. Formal correspondence with the prospective institute is done initially. Then a pre-signing meeting is organized with the institute to discuss the avenues of collaboration. These are discussed with the faculty members. After agreement upon the terms and conditions of the MoU and its signing a time bound action plan is set and executed accordingly. These MoUs help in the following different ways:

- It creates academic environment for promotion of quality education. Value added initiatives are taken to promote multidisciplinary learning.
- Industry–academic interface is promoted through industrial visits. It provides opportunities for practical training and job opportunities.
- Research committee facilitates access to research oriented activities.
- Research related infrastructure: 2 research laboratories, 6 computer labs, well equipped departmental labs provide opportunity for research.
- Organization of state and national conferences to provide a platform for healthy exchange of ideas.
- The college has received 50 lacks from DST-FIST and 25 lacks as additional grants from UGC to develop laboratories.



CRITERION - IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities.

The college is located in perennial drought affected region in Western Maharashtra. It is 65 km away from Satara, a district place. The tehsil to which the college belongs comes under rain shadow zone where average rain fall is 450 mm only. However, the college not only strives best to overcome the scarcity of water adopting different strategies, but has become a role model in rain water harvesting for other colleges, farmers and its stakeholders.

The college has sprawling campus with lush greenery and ecofriendly atmosphere. It strives to design conducive environment for harmonious development with the aid of physical infrastructure.

Total area of the college is 19.5 acres. Campus 1 is of 6 acres and comprises of the education hub providing all kinds of facilities for teaching, learning, accommodation and sports.

Campus 2 is just half km away from the main campus. It comprises of 13.5 acres providing sports facilities such as 400 meters running track, ground facility for all athletic games, etc.

Total built-up area of the campus is **78,797.95 Sq. ft.** It is well expanded, improved, enriched and modernized for the digital age. It is divided into 14 buildings that comprise Administrative Building, Research Lab Building, Main Building, Sanitary Blocks, Library Wing, Multipurpose Community Hall Wing, Women's Hostel, Indoor Sports Facility Building, MCVC Building, Gymkhana Store, Canteen Building, Parking, Golden Jubilee Building, Staff Quarter, etc.

4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?

The institution creates and enhances its infrastructure with the increasing number of students and newly started courses. It is done by considering feedback from the stakeholders and recommendations by the different committees. As the college is located in rural area and that of perennial drought stricken, it tries to offer quality education to the deprived masses. The college is far away from the cities therefore, it is not affordable for the students to perceive PG education attending colleges at the cities. Hence, the college started courses like PG Diploma in Green Chemistry and Crop Protection, M. Sc. in Chemistry and M. Phil., Ph.D. in Botany and Chemistry identifying the needs of the region and analyzing the feedback from the stakeholders and created and enhanced its infrastructure and enhanced the facilities.

Policy of the institution for creation and enhancement of infrastructure that facilitate effective teaching and learning is formed by -

- The LMC of the institution
- Building Committee
- Purchase Committee

Implementation of the policy

Plan and estimate prepared by institution and final approval from building committee

- Consultation with the engineer and architect
- Sanction in LMC Meet



- Permission from government authority
- Approval of the parent institution
- The work is done under the supervision of the Building Committee and the parent institution

Growth in infrastructure with increasing number of the strength:

The college tries to increase its infrastructure taking initiatives to satisfy challenging surplus energy and igniting students' creativity. For development of organizing and leadership skills among the students the college developed facilities like-

- Extension and renovation of 6 science laboratories i.e. Zoology, Botany, Chemistry, Physics, Computer Science and DST-FIST E-learning Laboratory
- Introduction of additional 9 divisions, two subjects, PG and research facility, etc.
- Construction of 7 lecture halls
- Newly constructed guest house
- Addition of sophisticated instruments to various departments
 - Instruments under Innovative Programme of UGC i.e. PG Diploma in Green Chemistry and Crop Protection to the tune of **Rs. 33 lakh**
 - Instruments through Additional Grants from UGC to the tune of **Rs. 25 lakh**
 - Instruments under DST-FIST programme to the tune of **Rs. 32 lakh**
- Addition of 40 computers worth Rs. 12 lakh, softwares and education tools like Talley, Office automation, Auto Cad, LCD projectors, handy cam, LCD monitors to various departments.
- Renovation and modernization in the central library facility
- Golden Jubilee Year Building constructed through the fund raised by stakeholders of the college to the tune of Rs. 70 lakh for strengthening facilities in competitive exam center.
- For giving extra edge to the students, the Competitive Exam Guidance Center is shifted into the newly constructed Golden Jubilee Building.
- To overcome the scarcity of water in the drought stricken area, Rainwater Harvest 4 reservoirs with the capacity of 1, 70, 000 liters and drip irrigation to the campus.
- Pavers in gardens and in front of Golden Jubilee Building as well as Administrative Building
- Beautification of campus with fruit garden, lawn, fountain, botanical garden, coconut trees, etc.
- Use of solar light system, solar water heater to save electricity
- Enrichment of infrastructural facilities in M. Sc. classroom with interactive board
- E-laboratory facility provided to the PG and research students as well as staff.
- Construction of cement roads
- Development of play ground with soiling and rolling

Infrastructure development under UGC (XI Plan)

- Well-equipped research laboratories for M. Phil, Ph. D in Botany and Chemistry
- Construction of new classrooms and new six laboratories for science stream
- Addition of sophisticated instruments to five departments viz. Chemistry, Botany, Zoology, Physics and Computer Science
- Construction of Flood Light Basket Ball Court



- Construction of Indoor Sports Training Facility Building
- Addition of class rooms, smart classrooms and laboratories for newly introduced self-financed programmes
- 123 computers with 10 softwares and 9 laptops
- Campus Wi-Fi networking with sophisticated and highly advanced instruments and software for GIS mapping and weather studies.
- Modernization and fully computerization of library with Libreria software
- Reprographic facility
- Provision of uninterrupted power supply with 3 generators having capacity of 15 KV, 5 KV and 5 KV. Besides, 3 invertors and 5 solar light pannels.

4.1.2 Detail the facilities available for

a) Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.

Infrastructure for curricular activities viz. classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories is available in **14** separate buildings. The details of these buildings are as follows:

1. 'A Wing' - Administrative Building

- Ground Floor includes Principal's cabin, Office Superintendent's cabin, Waiting areas, Anti-chamber, administrative office
- First Floor: Department of Geography, 5 Classrooms for Special subjects, MS-CIT Centre, NRC
- Second Floor: Department of BCA, 2 Computer Labs, Digital Classroom

2. 'B' Wing' - Main Building

- Ground Floor: IQAC, Center for Distance Education, COC Hall, NSS, Department of Commerce, Commerce Lab, 4 Lecture halls, NCC, Boys' Common Room, Department of Chemistry, Chemistry Laboratories, Research Lab for M. Phil, PhD in Chemistry, Common Facility Center (CFC)
- First Floor: Lecture Halls (7), Department of Physics with 2 laboratories, Department of Botany with 2 Laboratories and 1 Lecture Hall
- Second Floor: Department of Zoology, 2 laboratories, 2 Lecture Halls, Department of Mathematics and Statistics with Lecture Halls, Department of Microbiology with Laboratory
- Toilet block exclusively for staff.

3. Sanitary Block Building

- Girls' Common Room, 11 Lavatories, 04 Toilet Rooms, 02 Bathrooms
- Lavatories for Boys 24, Toilets 05, Bathroom 01
- 2 Lavatories for staff and 1 Toilet for Ladies, Lavatory and Toilet for library

4. 'C' Wing: Old Library Building

- Ground Floor : Lecture Halls (2) and Reading Room (1)
- First Floor : Lecture Halls (3)
- Second Floor : Lecture Halls (3)

**5. 'D' Wing: Multipurpose Community Hall Building**

- Ground Floor: Multipurpose Community Hall, Anti-Ragging Cell, Changing Room, Cultural Cell, 3 lavatories for girls and boys each
- First Floor: Science Laboratories (3), Lecture Hall (1)
- Second Floor : Lecture Halls (4)

6. 'E' Wing: Extension of Library

Library, Stack Room, Reading Hall, Librarian's Cabin, Reading room for faculty, Reprography Section, Book issue counters, periodical section, new arrivals section, OPAC system

7. 'F' Wing: Women's Hostel

- Ground Floor : Rector's Quarter, Entertainment Room, Office, Stock Room, Reading Hall, Dining Hall, Kitchen
- First Floor: 08 rooms for residence with the capacity of 32 girls, 07 toilet blocks and 07 bathrooms
- Second Floor: 08 rooms for residence with the capacity of 32 girls, 07 toilet blocks and 07 bathrooms.

8. 'G' Wing: Golden Jubilee Building

- Ground Floor: Health Center, Center for YCMOU, Department of Marathi, English, Economics, Political Science, History, Hindi, Exam Center, Education, Store Room
- First Floor: Competitive Exam Guidance Center: Reading Hall, Lecture Hall, Office and Library, PG Lecture Hall, DST-FIST Computer Lab

9. 'H' Wing: Indoor Sports Facility Building

Sr. No.	Particulars of the Ground	Quantity/ Capacity
1	Badminton Courts	2
2	Volley Ball Court	1
3	Karate	1
4	Wrestling	1
5	Shepak Takraw	2
6	Carrom	10
7	Chess	100
8	Table Tennis	6

10. 'I' Wing: Gymkhana Building

Department of Physical Education, Gymkhana Store, Lecture Hall

11. 'J' Wing: MCVC Building

- Extension Service Centre
- Canteen
- Remedial Coaching and Entry in Service Centre
- Non-Teaching Staff Quarter
- MCVC Department, 3 Classrooms and 1 Lab

12. 'K' Wing: Research Lab Building

- Ground Floor: Research Laboratory for M. Phil, Ph. D in Botany
- First Floor : Guest House

**13. 'L' Wing: Principal's Quarter****❖ Details of infrastructure:**

Sr. No.	Facilities	Features	Quantity
1	Classrooms	Well-furnished with proper ventilation	31
2	Classrooms with ICT based tools	LCD Projectors with Laptop, Electricity Backup through generator	14
3	Science Laboratories	Well-equipped with all facilities	13
4	Research Laboratories	Equipped with fundamental instruments for M. Phil. and Ph.D. Research	2
5	Computer Laboratories	Well-furnished with electricity backup through generator and UPS	6
6	Seminar Halls	With LCD Projectors	4
7	Auditorium/Multipurpose Community Hall	Audio-visual facility with LCD projector, seating capacity 400	1
8	Boys' Common Room	Well-ventilated with seating arrangement for 50 students with newspapers	1
8	Girls' Common Room	Ladies Corner, Lavatories, Toilet Blocks, Bathrooms, Wash Basins	1
9	IQAC/NAAC Office	Well-furnished, Laptop with Internet facility, Reprographic unit, Record keeping facility	1
10	Departments	Well-furnished with computers, Internet facility, printers, scanners	14
11	NSS	Well-furnished room with computer and internet facility	1
12	NCC	Well-furnished office	1
13	Health Centre	Visiting doctor and availability of First-Aid Box	1
14	Strong Room	Special room for documents furnished with cupboards	1
	Exam Room	Special room for exam department with computer and internet facility, printer, reprographic unit, furnished with cupboards	1
15	Centre for YCMOU	With computer and internet facility, printer, scanner	1
16	Centre for Distance Education	With computer and internet connectivity, printer with scanner, books	1
17	Extension Service Centre	Well-furnished	1
18	Entry in Service Centre	With computer and internet connectivity, books, newspapers	1
19	Remedial Coaching Centre	With LCD Projector, Computer and internet connectivity, seating arrangement for 20 students	1
20	Staffroom	Well-furnished	1



21	Toilet Blocks for staff	lavatories, toilets, bathrooms, wash basin	2
22	Central Library	Stack Room, Librarian's Cabin Staff Reading Room Books Transaction Counter Student Reading Room, OPAC, 5 computers, internet, Wi-Fi network, printer with scanner, reprographic unit	1
23	Toilet Blocks for Boys	Lavatories, Toilets, Bathrooms, Wash basins	1
24	Women's Hostel	Office, Reading Room(Ladies), Store Room, Rector Room, Entertainment Hall, Dining Hall	1
25	Mini Language Lab	Audio-visual facility with LCD projector, CDs and DVDs	1
26	Indoor Sports Facility Building	2 Badminton Courts, 1 Basket Ball Court, multi ground facilities	1
27	Store Rooms	Gymkhana Store, Administrative Documents store	2
28	Basket Ball Court	Well-constructed with Flood Lights	1
29	Residence	Principal's Quarter with basic amenities	1
30	Guest House	Well-furnished rooms with adequate facilities	1
31	Canteen	Well-furnished with sufficient space for students and staff	1
32	Security cabins	24 hours security	2
33	Digital cameras	1 Handicam, Video shooting camera, 2 Photo shoot cameras	3
34	Computers and laptops	PCs	123
		Laptops	9
35	LCD Projectors	--	14
36	Printers	--	23
37	Scanners	--	7
38	Generators	15 KV Capacity – 1, 5 KV - 2	3
39	UPS	--	31
40	Photo Copiers	Multi facility	5
41	Drinking water facility	Purifiers	3
		Coolers	5
42	CCTV Surveillance Cameras	Total campus under CCTV Surveillance	16
43	Biometric Machine & Electric Display	Display of all sorts of information	1+1
44	TV set		2
45	DTH Connections		1
46	Intercom facility		15



Laboratory Facilities:

Sr. No.	Department	Laboratory	Major equipments available
1	Physics	Lab 1 (Electronic and Electricity lab)	Optical bench, CRO, Travelling Microscope, Spectrometer Research Optical Bench Spin Coater, Digital LCR Meter, Tube Furnace
		Lab 2 (General Physics lab)	
		Lab 3 (Darkroom/ Optics Lab)	
		Semi-Darkroom	
2	Chemistry	Lab. 1	Automatic Absorption Spectrometer FTIR, UV – Visible Double Beam Spectrophotometer, Flame photometer, Water Analysis Kit, PH Meter, Conductivity Meter, Colourimeter, Polarimeter, CFC
		Lab. 2	
		Lab. 3	
		M. Sc. Lab	
		Research Lab	
		UGC- PG Diploma Lab	
3	Botany	Lab. 1	PCR, with Gel documentation, Microscope with microphotography, Cooling centrifuge, Laminar air flow, Electrophoresis unit
		Lab. 2	
		Lab. 3	
		Research Lab	
4	Zoology	Lab. 1	Web camera, microtome machine, Blood pressure checking equipment Binocular Microscope, Hot Air Oven, Vaccum Pump, BOD Incunator, COD Digester, Laminar Air Flow, Muffle Furnace
		Lab. 2	
5	BCA	Lab. 1. 35 PCs	Internet connection with WI-FI, e-books, all soft wares
		Lab. 2. 15 PCs	
6	Commerce	Lab. 1. 10 PCs	Computer Lab with 10 computers with high configuration, free internet facility, license software of Tally ERP9, Educational Videos
7	Computer Science	Lab. 1. 20 PCs	Computer Lab with latest high configuration, internet with WI-FI facility, 1student 1 computer ratio, all softwares
		Lab. 2 ... PCs	
8	Geography	Laboratory	Plain Table & Prismatic Compass, IMB Chart, Toposheet Map

Botanical garden

The college campus has turned into eco-friendly campus due to many factors. One of them is botanical garden. It was established in 1983. At present it is spread over an area of about 1 acre. It includes nursery, cacti collection, tank for aquatic plants, etc. Total 126 varieties of plants are available. It is adequately equipped with irrigation facilities and also store room for garden implements. It includes two shednets which are used for propagation and multiplication of botanical and ornamental plants. Saplings of endangered plant are produced in the shednet. Some of the plots of the garden are used



for experimental work and also for Ph. D research. Following plants are nurtured in the botanical garden:

Sr. No.	Plants	Quantity
1	Angiosperms	64
2	Gymnosperms	04
3	Pteridophytes	02
4	Rare Endangered Threatened Plants	08
5	Spices and medicinal plants	08
6	Rhizomatous and tuberous plants	10
7	Seasonal plants	50
8	Cacti and succulents	10
9	Orchids	02
10	Aquatic plants	05
11	Ornamentals	19
Total		126

- **Vermicomposting shade with two functional units.**
 - Litter from college campus is collected and used for vermicompositing that helps to maintain college campus clean.
 - Vermicompositing unit is used as demo project for students, and farmers as well as parents from nearby villages.
 - Vermicompost and vermiwash is used for plants in college campus
- **Apiculture and Sericulture Projects** are used as demo projects for students, and farmers as well as parents from nearby villages.

Specialized facilities and equipment for teaching, learning and research:

The institution has well-equipped common facility center (CFC) with the following instruments for research:

Sr. No	Particulars	Quantity
1	FTIR Australia Made	01
2	UV-Visible double beam	02
3	Atomic Absorption Spectrophotometer	01
4	Water analysis kit	02
5	Fume Hood	01
6	Deep Freezer	01
7	Muffle Furnace	01
8	Flame photometer	01
9	Digital PH meter	03
10	Digital Polarimeter	05
11	Colourimeter	03
12	Double Distillation unit	01
13	Digital Balance	01
14	Rota evaporator	01
15	Plain Table & Prismatic Compass	02



Instruments & Equipments purchased under DST-FIST Programme	
Digital Potentiometer, Digital Balance, Digital Conductivity Meter, Soxhelt Extraction Apparatus, Digital Colorimeter, Digital pH Meter, Accessories for Solid Sample, Accessories for Liquid Sample, Abbe Refractometer, Ice Flaker	Chemistry Rs. 861097=50
Binocular Microscope (OLYMPUS), Trinocular Microscope (OLYMPUS), Digital Balance Water Analyser, U. V. Transilluminator, Cooling Centrifuge, Optional : Rotor, Digital Colorimeter, Digital Potentiometer, Digital pH Meter, Kjeldhal Flask	Botany Rs. 539750=00
Binocular Microscope, Vaccum Pump, Hot Air Oven, BOD Incunator, COD Digester, Electrophorasis Appt, Variable type Power Pack, Laminar Air Flow, Colony Counter, Muffle Furnace, Southern Blotting	Zoology Rs. 514450=00
CRO - 20MHz Dual Trace Oscilloscope, Tube Furnace, Research Optical Bench, Spin Coater, Digital LCR Meter, Muffle Furnace, Double Distillation Appt, Amplifier Unit, Serls Viscometer, Resistivity of Semi Conductor, Travelling Microscope Spectrometer 6"	Physics Rs. 1312297=50

- a) **Extra-curricular activities—sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene, etc.**

Infrastructure for Extracurricular activities

- **Sports Arena-For Building a Healthy Body and Mind**

The institute has provision of the following sports facilities:

A. Outdoor facilities.

Sr. No.	Name of game	Area
1	Basketball	41×28 sq. meters with free area
2	Football	400 mtrs
3	Volleyball courts 2	18x09 Mtrs
4	Kabbadi grounds 2	13x12 mtrs
5	Kho-kho	28x18 mtrs
6	Jumping pit, high jump, /long jump	LJ pit – 10x54 mtrs
7	Mallakhamb / rope mallakhamb	ROP
8	Athletics men and women	400 mtrs track
9	Cricket men and women	400 mtrs track
10	Cross country men and women	400 mtrs track
11	Lawn Tennis and Net Ball	36X78 mtrs
12	Hand Ball	20X40 mtrs
13	100 Meters Running	400 mtrs track

**B. Indoor Sports Facilities.**

Sr. No.	Facilities
1	Wrestling
2	Badminton: 2 courts
3	Taekwondo
4	Sepak Takraw: 2 courts
5	Carrom
6	Boxing
7	Karate
8	Chess
9	Holley ball: 1 court
10	Gymnasium – Instruments to the tune of 7 lakh

Besides, the parent institute has established **Karmaveer Sports Academy** in the campus of the college. The facilities of the academy are to be shared by the secondary and higher secondary education schools and colleges run by the parent institute as well as by other institutes. This academy is highly fruitful for the students of the college. There is a provision of all facilities related to 19 types of games along with coaches of national and international repute.

NSS: There is separate office cum store room for NSS in Main Building at ground floor – 23.10 Sq. mtrs. NSS department works effectively with 2 units, 200 volunteers led by 2 programme officers. NSS mainly focuses on water conservation, health and hygiene, tree plantation, anti-drug addiction, eradication of superstitions, etc.

NCC: National Cadet Corps has been set up in the college for evoking service mindedness towards social work. There is separate room for NCC in Main Building at ground floor – 23.10 Sq. mtrs. The college has a unit of NCC with the strength of 105 cadets including 07 female cadets from the academic year 2016-17.

Cultural, Public speaking communication skill activities:

There is a platform for show casing student talent through cultural activities. There is an open air theater for cultural activities, availability of public address system, seminar halls, well-equipped multipurpose hall with ICT facilities that inculcate and generate spirit for cultural performance among the students.

Karmaveer Sports Academy:

The parent institute runs 425 high schools, 221 junior colleges and provides higher education through its 41 senior colleges spread over 15 districts of Maharashtra and Karnataka. The parent institute has promoted sports facility through establishing Karmaveer Sports Academy at this college that provides all sorts of sports facilities to the in-house students as well as the students from the other colleges run by the parent institution.

Lalita Babar – Olympic Runner is the student of YCMOU Center of the college

Smita Karande – National Karate Champion is a B. A. II student of the college.

Ganesh Ghanawat – Champion athlete in 100 & 200 meters at national level.

**Health and hygiene:**

There is a Health Care Center in Golden Jubilee Building at ground floor.

The college has a pleasant, harmonious campus that resulted in an oxygen park for nearby residents. Not a single evil incident occurred on the campus during last few decades. The faculty monitors student performance very closely and counsels them on different aspects of their development. The alumni and stakeholders working at national and international laboratories, top notch five sectors such as IAS, Dy. SP, etc. of the college have contributed in the development of the infrastructure.

4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution / campus and indicate the existing physical infrastructure and the future planned expansions if any).

- The institution plans and ensures the extension and renovation of existing facilities in line with the academic growth.
- The institution has introduced Computer Science, Microbiology subjects in B.Sc., P.G. Diploma in Green Chemistry & Crop Protection, M. Phil and Ph.D. in Botany and Chemistry and 09 additional divisions of different classes. As student enrollment is increased, the institution is run in two shifts between 7:30 a.m. to 10:00 p.m.
- Building Committee ensures the growth in infrastructure
- Feedback regarding infrastructure is sought from the departments and time-table committee.

Gradual growth in infrastructure:

Academic Year	2011-12	2012-13	2013-14	2014-15	2015-16
Built up Area in sq.mtr.	1500	608.89	2320	326	990.01
No. of Classrooms	-	-	04	-	-
No. of Laboratories	02	-	03	-	06
Extension of Library	-	-	-	-	-
Golden Jubilee Building	-	-	-	-	16
Toilet Block near Multi Purpose Hall	9 lavatories	-	-	-	-
ICT Based Classroom	-	-	-	-	2
Basket Ball Court	-	01	-	-	-
Indoor Sports Facility Building	01	-	-	-	-
Borewell	01	-	01	-	-
Internal Cement Road	-	-	03	-	-
Ladies Hostel Last Floor	01	-	-	-	-
Zoology Laboratory	01	-	-	-	-
Rainwater Harvesting Reservoirs	-	-	-	-	02



Commerce Lab	-	-	-	01	-
Guest House	-	-	-	01	-
Renovation of 'B' Wing – Old Building	-	-	-	01	-
DST-FIST Lab	-	-	-	-	01

Budget for construction shows a steady increase in the last 5 years.

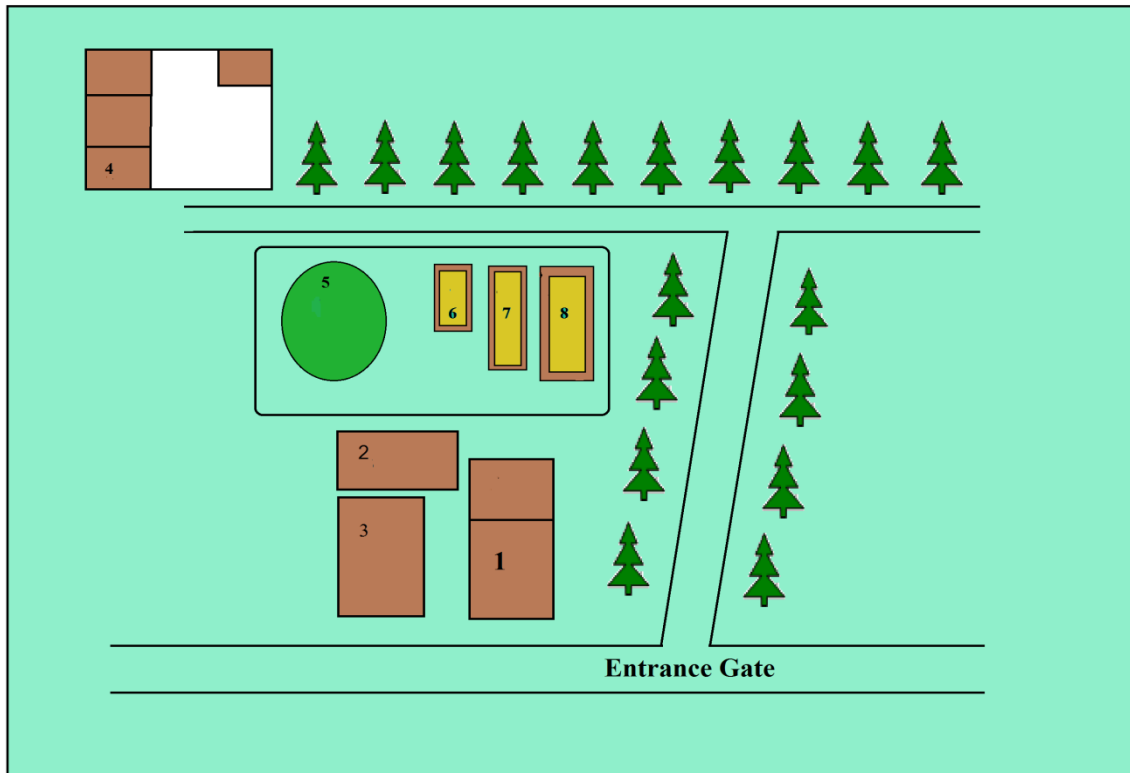
Academic Year	2011-12	2012-13	2013-14	2014-15	2015-16
Budget	29739	2365461	611311	3437969	2997169

Master plan:





Future plan for expansion:



Second floor of Golden Jubilee Building, Sports Hostel, Non-teaching staff quarters.

4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?

The college always ensures that the infrastructure facilities meet the requirements of students with physical disabilities. The college has provided following facilities to the students with physical disabilities:

- Appropriate desks and chairs
- Visual impairment equipment
- Hearing aids
- Equity Center and Equal Opportunity Center
- Ramps are constructed at each building
- Specialized toilet facilities

Besides this, the disabled are continuously motivated and supported through following measures:

- Free access in library
- Reservation to the disabled in admissions
- Scholarships for the handicap
- Financial assistance through the student aid fund
- Advanced assignments
- Videos and films on curriculum
- Extension of time in exam

**4.1.5 Give details on the residential facility and various provisions available within them:****➤ Hostel Facility for safe and secure campus life: Women's Hostel**

Details of residential facility	Quantity
Residential capacity of hostel	80
Available Rooms	16
Common halls (Study Room, Entertainment Hall, Dining Hall)	03
Bathrooms	14
Sanitary blocks	14
Rector's quarter- rooms	3
Office	1
Store room	1
Solar water heater, Internet facility is available in hostel, TV with DTH for entertainment	

➤ Recreational facilities.

- Entertainment hall
- Gymnasium is open for all students
- Yoga Center for spiritual, mental and physical benefits

➤ Computer with internet facility is available.**➤ Facilities for medical emergencies.**

The college has established MoU with Medical Association, Dahiwadi. There is also health care centre which benefits the girl students.

➤ Library facility in the hostel.

100 books, 3 newspapers and magazines are available in the ladies hostel.

➤ Internet and Wi-Fi facility for 24 hours**➤ Recreational facility-common room with audio-visual equipments**

- Multipurpose hall is used for recreation activities
- TV with DTH connectivity

➤ Available residential facility for the staff and occupancy

There are staff quarters for the Principal, Rector and non-teaching staff.

➤ Continuous and uninterrupted solar energy and water supply**➤ Nutritious food prepared under hygienic conditions****➤ Constant supply of safe drinking water**

There is 24 hours water supply through a special bore-well. Water purifiers are installed to ensure the safety and purity of the drinking water.

➤ Perennial water analysis**➤ Security**

- Two security personnel have been employed who looks after security for 24x7
- Rector looks after security of the girls in the hostel
- The whole campus is under CCTV surveillance.



- Strong fencing wall
- Flying visits of Nirbhaya Squad by PSI, Dahiwadi police station for secure campus
- Time muster for the hostel dwellers is strictly maintained at the gate of the hostel as well as main gate of the campus

4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

- There is a Health Care Center in the Golden Jubilee building with the following facilities on the campus for students and staff:
 - B. P. Apparatus, BMI, Haemocytometre, weighing machine, first aid box, etc.
 - Short Term Courses like Personality Development Course, Yoga Studies and Taekwondo are launched to maintain physical fitness of the stakeholders
- Facilities Available for Sound Mind in Sound Body.
 - Gymnasium
 - Karmaveer Sports Academy

Activities of the Health Care Centre off the campus:

- Hb detection of girl students
- Regular visits of doctors
- Health checkup by PHC
- Yoga Camp.
 - Yoga for Sound Health by Dr. Bansode
 - Yoga Studies for Happy Life by Dr. Geeta Kulkarni
 - Yoga Practicals by Smt. Seema Madake
- Counseling on nutrition by Dr. Kiran Karande and Dr. Smt. Katkar
- Lectures on Ayurveda by Dr. Geeta Kulkarni and Dr. Bansode
- Counseling about laws by Adv. S. S. Jadhav and Adv. Smt. Kulkarni
- Lectures organized by Staff Academy:
- Dr. S. M. Khetre- Acidity and human health
- Mr. Jayprakash Jadhav- Yoga for Health

Name of the Department	No. of Health Programmes	Particulars	Beneficiaries
NSS in Collaboration with P. H. C.	10	HB detection	512
		Health BMI camp	109
		Animal Checkup	746

4.1.7 Give details of the common facilities available on the campus–spaces for special units like IQAC, Grievance Redressal unit, Women’s Cell, Counseling and Career Guidance, Placement Unit, Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.



The details of the common facilities are as follows:

1	IQAC	A separate office in B building. ICT facilities include computer with net connectivity, laptop, printer, scanner, LCD projector	23.05 Sq. ft.
2	NCC	Separate office in B building at ground floor	23.10 Sq. ft.
3	NSS	Separate office in B building ground floor	23.10 Sq. ft.
4	Canteen	Nutritious food at affordable cost	45.60 Sq. Mtr.
5	Health care center	It is located in Golden Jubilee building at ground floor with basic facilities.	8.05 Sq. ft.
6	Ladies room	There is 1 ladies' common room with facilities like water purifier and vending machine	38.56 Sq. Mtr.
7	Placement cell	Office in Golden Jubilee building	120 sq.ft
8	Competitive exam guidance center	Separate office, reading room, library in Golden Jubilee building on the first floor	244.58 Sq. Mtrs.
9	Recreational Spaces	Open air recreational area is available for students in front of main building.	--
10	Safe drinking water facility	05 Water filters/coolers are available in the institution at different places with regular maintenance and cleaning.	--
11	Auditorium	Spacious, well-facilitated auditorium with seating capacity of 450	320 Sq. mtrs.
12	Women Empowerment Cell	Well-furnished	120 Sq. Ft.
13	Anti Ragging Cell	Well-furnished	20.5 Sq. Ft.
14	MS-CIT (IT)	Well-equipped with 22 PCs, uninterrupted energy supply	30.5 Sq. Mtrs.
15	NRC	PCs with internet connectivity	15.10 Sq. Mtrs



4.2 Library as Learning Resource.

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, students/user friendly?

Yes. The library has an Advisory Committee. It is as follows:

Sr. No.	Name of Committee Member	Position
1	Principal Dr .C. J. Khilare	President
2	Prof. Dr. B.S. Balwant	Chairman
3	Prof. Dr. A.S. Bhagavan	Member
4	Prof. N.V. Shinde	Member
5	Prof. T.S. Mane	Member
6	Mr. V. S. Waghare (Librarian)	Secretary
7	U.R.	Students' Representative

Significant initiatives:

- Free internet access to all
- Computerization of library services using LIBRERIA and Greenstone Digital Library Software for providing a new way for organization of information.
- INFLIBNET facility
- Reprographic facility
- Book Bank Scheme
- Stack entry for the final year and meritorious students
- Display of new reading material for immediate attention and encouragement to the readers.
- Regular organization of exhibition of library reading material
- Regular organization of library orientation programme
- Collection of newspaper cuttings
- Opportunity to work in the library under the 'Earn and Learn Scheme'
- Departmental Library Scheme
- Ramps
- Dust and humidity free library with comfortable seating arrangement

4.2.2 Provide details of the following:

- Total area of the library (in Sq. ft.) : 1948 sq. ft.
- Total seating capacity : 120
 1. Reference and Periodical section : 60 (Faculty and Girls)
 2. Reading Hall (for students) : 50
 3. Reading Room (for teachers) : 10
- Working hour (on working days, on holidays, before examination days, during examination days, during vacation)
 1. On working days : 08.00 am to 06.00 pm
 2. Before examination days : 08.00 am to 06.00 pm
 3. During examination days : 07.30 am to 08.00 pm
 - A. Monday to Friday : 08.30 am to 05.30 pm
 - B. Saturday : 10.00 am to 04.30 pm



- Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)
 1. Ground Floor : 1948 sq. ft.
 2. Librarian’s Office : 112.5 sq. ft.
 3. Text Book Section : 314.5 sq. ft.
 4. Reprography : 139.5 sq. ft.
 5. Internet Facility and OPAC : 223.3 sq. ft.
 6. Study Room for students and staff : 662.2 sq. ft.
 7. Main Stack Room : 496 sq. ft.

4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amount spent on procuring new books, journals and e-resources during the last four years.

Purchase of the new books, new journals and other reading material is as follows:

Library holding	Year 1		Year 2		Year 3		Year 4		Year 5		
	2011-12		2012-13		2013-14		2014-15		2015-16		
	Total No	Total Cost	Total No	Total Cost	Total No	Total Cost	Total No	Total Cost	Total No	Total Cost	
Text Books	866	56,639	1124	77,058	1709	1,04,751	1815	1,17,319	1647	1,07,342	
Reference Books	257	1,06,382	263	78446	488	1,71,299	268	60,689	1147	3,24,644	
Journals Periodicals	35	47,573	41	55,783	38	25633	38	25783	38	45535	
e- resourc es	e- books	5200	5,000	5200	5,000	97000	5,000	97000	5,000	13500 0	5725
	e- journ als	2500		2500		6000		6000		6000	

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

- OPAC: OPAC facility is provided to search books. Data is easily accessed.
- Electronic Resources Management package for e-journals: **N-List**
- Federated searching tools to search articles in multiple database: **INFLIBNET, N-LIST**
- Library website :Sub domain on college website:
<http://www.dahiwadicollege.in/DisplayFacilityNew.aspx?Id=1>
- In-house/remote access to e-publication : **INFLIBNET**
- Library automation
 - The college library is fully computerized.
 - Use of LIBRERIA software developed by MKCL, Pune
 - OPAC is provided for searching books.
 - 05 terminals for daily routine works.
 - All the books are bar-coded for effective and speedy transaction
- Total No. of computers for public access : 05
- Total number of printers for public access : 01
- Internet band width speed : 02 mbps



- Institutional Repositories : The library plans to develop the following institutional repositories for the users:
 1. M. Phil & Ph. D thesis of the faculty
 2. Minor & Major Research projects of the faculty
 3. Collection of PPTs
- Content Management systems for e-learning.
E-journals and CDs /DVDs are made available for students for e-learning.
There is open access to English as well as regional language newspapers.
- Participation in resource sharing networks/consortia(like INFLIBNET)
Yes, library has subscribed INFLIBNET and N-List programmes.

4.2.5 Provide details on the following items:

- Average number of walk-ins : 120
- Average number of books issued/returned : 70
- Ratio of library books to student enrolled : 1:25
- Average number of books added during last three years:

2012-13	2013-14	2014-15	2015-16
1387	2197	2083	2794

- Average number of login to OPAC : 40
- Average number of login to e-resources : 15
- Average number of e-resources downloaded/printed : 12
- Number of information literacy training organized : 02
- **Details of “weeding out” of books and other materials.**

Sr. No.	Accession Register	Total number of weeded out books	Date
1	Senior Accession Register	859	22.02.2011
2	Senior Accession Register	201	22.02.2014
3	Book Bank Accession Register	129	22.2.2014
4	Senior Accession Register	620	24.02.2015
5	Book Bank Accession Register	120	24.02.2015
6	Senior Accession Register	193	11.06.2015
7	Book Bank Accession Register	233	11.06.2015

4.2.6 Give details of the specialized services provided by the library

- **Manuscripts:** Nil
- **Reference:** The personal assistance is provided, if required, to new readers for effective use of the reference section.
- **Reprography:** Reprography facility is available to all students and staff.



- **ILL (Inter Library Loan Service):** The library borrows books from other libraries and also issue books to other libraries on inter library loan basis for a limited period of time.
- **Information deployment and notification:** Yes
- **Download:** Yes, as per the demand of the students and staff downloading facility is made available.
- **Printing:** Yes, as per the demand of the students and teachers.
- **Reading list/bibliography compilation:** Yes, the list is made available as per the demand.
- **In-house/remote access to e-resources:** Yes, e-resources from the library can be accessed online in house through INFLIBNET and N-list programme.
- **User orientation and awareness:** Orientation to the fresh students for effective use of library and awareness about the services are given in the month of June/July each year.
- **Assistance in searching Databases:** Yes, the students and staff are given free assistance in searching database.
- **INFLIBNET/IUC facilities:** Library has subscribed for INFLIBNET and N-List facilities which give access for 6000 e-Journals and 1,35,000 e-Books. A separate password for every faculty member is given from N-List to access this facility.

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college:

- Issue of books and journals
- Issue of question papers of the previous university examination
- Information about 'New Arrivals' to the users
- Display of journals, periodicals and magazines
- Help to download the reference material
- Search and location assistance for printed as well as e-learning resources through N-List and other educational websites
- Reprographic facility
- Books through Inter Library Loan (ILL) service

4.2.8 What are the special facilities offered by the library to the visually/ physically challenged persons? Give details.

The physically challenged students are given-

- Top priority while issuing the books, reference books, periodicals, etc.
- Special seating arrangement.
- A ramp.
- Physical assistance, if required.
- Free access.

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed? And used for improving the library services. (What strategies are deployed by the library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

Yes, the library seeks regular feedback from its users.



- User's feedback is collected manually on all aspects of the library services from the final year students.
- Appropriate actions are taken regularly on the suggestions received from readers regarding improvement in the library services and resources.
- Provision for online feedback from stakeholders
- Meetings of library committee are regularly conducted to analyze the feedback.

4.3 IT Infrastructure:

4.3.1. Give details on the computing facility available (hardware and software) at the institution.

- Number of computers with Configuration (provide actual number with exact configuration of each available system)
- Computer-student ratio
- Stand-alone facility
- LAN facility
- Wi-fi facility
- Licensed software
- Number of nodes/computers with Internet facility
- Any other

Number of computers with configuration:

COMPUTERS			
Sr. No.	Computer Name	Description/Configurations	Quantity
01.	Dell Optilex-360	Intel (R) core™ 2 duo CPU E7400@2.8 GHz, 2 GB RAM, 160 GB HDD	12
02	Dell Optilex-380	Intel (R) core™ 2 duo CPU E7500 @ 2.93 GHz, 2 GB RAM, 320 GB HDD	69
		Intel (R) core™ 2 duo CPU E7500 @ 2.93 GHz, 1 GB RAM, 320 GB HDD	05
03	Dell Optilex-330	Intel (R) core™ 2 duo CPU E4600 @ 2.40 GHz, 2 GB RAM, 250 GB HDD	02
04	Dell Vostro	Intel (R) core™ I3 CPU 4160 @3.60 GHz, 4 GB RAM, 500 GB HDD	11
05	HCL Slimline Desktop	Intel (R) core™ I3 CPU 4170 @3.70 GHz, 4 GB RAM, 1 TB HDD	10
06	HCL	HCL Dual Core Intel Pentium E5200, 2.5 GHz, 1GB RAM, 320 GB HDD	11
07	Dell Optilex-755	Intel Pentium (R) dual core CPU E2160 @ 1.8 GHz, 512 MB RAM, 160GB HDD	02
08	Beetel	Pentium (R) dual core CPU E5700 @ 3.00 GHz, 2GB RAM, 500 GB HDD	01
Total			123
LAPTOPS			
09	Dell Vostro 15 3000 Series	Intel (R)core™ i3 4005U CPU @1.70 GHz,4 GB RAM, 500 GB HDD	02
10	Dell Vostro 1015 Series	Intel (R)core™ 2 duo CPU T6570 @1.10 GHz,2 GB RAM, 320 GB	02



		HDD	
11	Compaq	Genuine Intel (R) CPU T2060@ 1.60 GHz, 512 MB RAM, 80 GB HDD	01
12	Dell Inspiron	Intel (R) core™ I3 CPU M370 @2.40 GHz, 4 GB RAM, 250 GB HDD	01
13	Dell Inspiron	Intel (R) core™ 2 duo CPU T5850 @2.16 GHz, 2 GB RAM, 160 GB HDD	01
14	Dell	Intel (R) core™ I5 CPU 4210u @ 1.70 GHz, 4 GB RAM, 500 GB HDD	02
Total			09

Printers with Scanners

Sr. No.	Printer Names	Quantity
1.	Cannon LBP 2900	12
2.	HP LaserJet p1007	04
3.	Cannon Image class MF-3010	02
4.	Epson M200	02
5.	HP LaserJet M1005 MFP	01
6.	HP LaserJet CP 1025 Color	01
7.	HP LaserJet CP 1022	01
Total		23

- Total No. of Computers : 123
- Computer - student ratio : 1: 20
- No. of Laptops : 09
- Stand alone Facility : Yes
- Lan Facility : Yes
- Wi-fi Facility : Yes
- No. of nodes/computers with internet facility : 123 +09
- Internet Broadband Connections : 10
- Licensed Softwares : 08
- Any other : MS-CIT and NRC Labs

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

Computer, internet and Wi-Fi facilities are made available on the campus at certain places like library, NRC, CFC, NSS, NCC, Competitive Exam Guidance Centre, Administrative Office, and Multipurpose Community Hall. Besides, there are six full fledged computer labs.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

Plans:

- Expert committee reviews the condition of the computers in the institution and decides the type of upgradation and monitors the maintenance by MoU for AMC with Soft Tech Information Technology, Sangli, Vitarag Computers Sangli



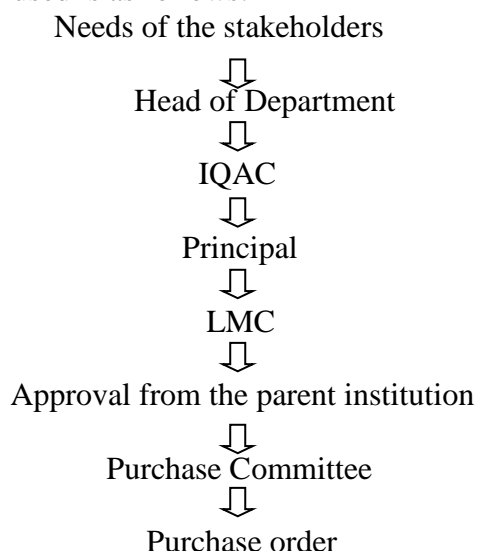
and Soft Tech Computers, Satara serve the purpose of maintenance of all the IT facilities in the college.

- The annual budget for updating, deployment and maintenance of IT infrastructure and associated facilities is approximately Rs. 33,385/- per year.

Strategies:

The college deploys and upgrades its IT infrastructure facilities with recommendations and requirements of BCA/ CS/MS CIT/Research Labs, etc.

The strategy used is as follows:



4.3.4 Provide details on the provision made in the annual budget for procurement, upgradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

There is separate yearwise budget for maintenance and repairing of computers. The following table reflects the yearwise budget utilization on procurement, upgradation, deployment and maintenance of the computers and their accessories:

Sr. No.	Year	Budget
1	2011-12	2,57,920/-
2	2012-13	20,70,029/-
3	2013-14	30,000/-
4	2014-15	33,885/-
5	2015-16	35,000/-

4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?

- Classrooms with LCD projectors and internet connectivity
- Power point presentations
- Commerce laboratory with 10 computers
- Mini Language lab with DVDs and CDs
- Well equipped BCA and computer science labs



- Video conferencing
- TV with DTH connectivity
- Use of INFLIBNET
- e-books and e-journals
- Students use ICT facilities for their seminar presentations and group activities such as projects, Weekly News Bulletin, wallpapers, etc.
- Various departments of the institution have organized and attended the ICT Training Programmes to generate ICT teaching materials and resources to enhance the quality of Teaching-Learning-Evaluation of the faculty and students.
- Faculty members have developed about 415 PPTs for various aspects of curriculum while students have made 260 PPTs for projects, seminars, recent topics etc.

4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching-learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.

- **Online teaching learning resources:**
 - Internet, PPTs ,You Tube videos
 - Video conferencing
 - INFLIBNET
 - E-Books and e-Journals
- **Independent Learning:**
 - Upgraded computer labs
 - MS-CIT, NRC
- ICT enabled classrooms / learning spaces
 - Class rooms with LCD projectors
 - All science labs with ICT facilities
 - Common Facility Center, Multipurpose Community Hall
- Teachers have prepared their own resource materials in the form of PPTs and videos. These resources are available for students in library.

4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?

- The institution has the facility of access to the National Knowledge Network Connectivity directly through the subscription of N-LIST programme.
- Use of e-books and e-journals through INFLIBNET

4.4 Maintenance of Campus Facilities

4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years)?

The budget allocation for update, deployment and maintenance in the institution during last five years (2011-2016) is as follows:



Sr. No.	Particulars	2011-12	2012-13	2013-14	2014-15	2015-16
1	Building	1,45,68,062	1591470	684033	3866977	49,36,005
2	Furniture	538507	2172160	3,03,130	90,400	146832
3	Equipment	31,073	408360	522740	349670	1908930
4	Computers	973580	118040	--	33,385	811865
5	CCTV	--	1,67,551	228710	50,193	6900
	Audio System	--	44160	8,600	--	--
6	Inter com	--	14460	12650	11070	1290

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

Infrastructure:

The college has Purchase Committee which looks after purchase and maintenance of infrastructural facilities in the college. The following procedure is used in this regard:

- Purchase Committee \Rightarrow LMC \Rightarrow Approval from Parent Institution \Rightarrow purchase/maintenance
- Members of this committee, Principal and office superintendent supervise the quality of work.

Upkeep of facilities and equipments:

- All the departments carry out annual servicing of instruments/apparatus.
- Complaint is registered through Head of the department regarding repair and maintenance of infrastructure and equipment.
- The compliance is made by the principal through IQAC.
- All complaints regarding ICT related problems are resolved by Soft Tech Information Technology, Sangli; Vitarag Computers Sangli and Soft Tech Computers, Satara
- Maintenance of instruments through AMC
- Electric problems are solved by electrical and maintenance unit of vocational courses and outside agency.

Annual Maintenance Contract:

Sr. No.	Facility	Name of Contractor	Duration	Frequency of Maintenance
1	Computer	Mr. Vijay Katkar	1 Year	As Per requirement
2	CCTV	S. S. High Tech Security System	1 Year	Per Month
3	Intercom	S. S. High tech Security System	1 Year	Per Month
4	Generator / Invertors / solar systems	Kirloskar Green Power, Sangali / Sanam Electronics, Dahiwadi	1 Year	Every 6 months
5	Library and office pest control	Sai Agro, Satara / Mr. Santosh Patil	5 Year	Every 3 months



4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?

- Calibration of instruments is done by technical experts regularly before use.
- Defective instruments are brought to notice by students, lab assistant and head of the department.
- Complaint of defective instruments is given to principal through HoD and sent to respective supplier.
- Respective supplier sends their experts for servicing and repairing the defected instruments.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

- Sophisticated instruments are looked after by AMC
- Voltage stabilizers, invertors are used to overcome voltage fluctuations at CFC, CCTV, Refridgerator.
- There are three generators for back up with capacity of 15 kv and 5 kv respectively
- In-charge of CFC looks after proper handling and maintenance of sophisticated instruments
- Uninterrupted battery back-up system
- Water Supply: 3 Borewells, 1 grampanchayat water supply connection and 4 rainwater harvesting reservoirs

Any other relevant information regarding Infrastructure and Learning Resources which the college would like to include.

- The borewells on the campus are recharged with rain water harvesting.
- The lush greenery and eco-friendly campus has been turned into Oxygen Park for senior citizens.

**CRITERION - V: STUDENT SUPPORT AND PROGRESSION****5.1 Student Mentoring and Support****5.1.1 Does the institution publish its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?**

Yes, the institution publishes its prospectus every academic year. Besides, it also publishes prospectus of PG Diploma in Green Chemistry and Crop Protection under innovative programme separately. These include a short introduction of the institute as well as parent institution. They provide information regarding various departments, course structure, eligibility criteria, admission procedure, fee structure with details, list of required documents and code of conduct including ragging prohibition notice. It also contains information about library facilities, hostel facilities, different schemes such as Earn and Learn, Lead College Activity, NSS, NCC, etc. The annual calendar provides comprehensive information about major curricular and co-curricular activities to be conducted during the academic year. The common facilities, provisions for the welfare of the students, rules and regulations with instructions regarding discipline are clearly mentioned.

The institution has commitment to the motto of parent institution i.e. "Education through self-help" and accountability through feedback from heads of departments and subject teachers regarding fulfillment of curricular aspects. All efforts of faculty members are directed towards nurturing and holistically developing all students who enter in the institution.

The achievements of students in university exams and the percentage of students engaged in higher education in the jurisdiction of Shivaji University, Kolhapur itself ensures the commitment and accountability of the institution.

5.1.2 Specify the type, number and amount of institutional scholarships / freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?

The disadvantaged and differently-abled students avail the institutional/management scholarships and free ships. The institution provides financial help through student aid fund and Earn and Learn Scheme. Besides, Yashwantrao Chavan and Venutai Chavan Scholarships are provided every year to the scholar boys and girls respectively. The details regarding year, number of students and amount distributed are as follows:

Type of the scholarship	2011-12		2012-13		2013-14		2014-15		2015-16	
	No. of Students	Amount	No. of Students	Amount	No. of Students	Amount	No. of Students	Amount	No. of Students	Amount
Shivaji University Merit Scholarships	--	--	--	--	05	25000	05	25000	02	10000



Minority Scholarships	--	--	--	--	09	39750	08	24000	15	45000
Earn and Learn Scheme	24	21000	30	26500	30	30000	35	35000	32	32000
Institution Merit Scholarships/Cash Prizes	9		9		12		12		--	--
Yashwantrao Chavan Scholarship	8	4000	9	4500	9	4500	10	5000	6	3000
Venutai Chavan Scholarship	8	4000	10	5000	12	6000	10	5000	14	7000
Rajarshi Chhatrapati Shahu Maharaj Scholarship	12	36000	2	6000	38	114000	42	210000	--	--

5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

The institution strives to make available various types of scholarships to the students. Different types of scholarships are being availed by students that include financial assistance from State Government, Central Government and other national agencies. As per the government policy, the scholarships are given to all eligible students. The following table shows details:

Year/Type	Course	Total Students	Category					Amount	Total	Percentage
			SC	ST	SBC	OBC	VJNT			
2015-16 Govt. Scholarship	B.Com	118	20	0	1	56	41	220212	995770	25. 11%
	B.A.	213	45	0	0	56	112	399442		
	B.Sc.	137	15	0	1	68	53	372093		
Free ship		5					5	4023		
2014-15 Govt. Scholarship	B.Com.	115	23	0	1	52	40	229985	2218890	27. 16%
	B.A.	309	72	0	0	62	176	637575		
	B.C.A.	15	15	0	0	0	0	193925		
	B.Sc.	183	21	0	1	75	89	609990		
	M.Sc.	18	2	0	0	6	10	531665		
Free ship		5		0	0	1	4	15750		
2013-14 Govt. Scholarship	B.Com.	118	21	0	1	53	43	226030	1780504	51. 19%
	B.A.	354	71	0	2	66	215	681865		
	B.C.A.	5	5	0	0	0	0	68990		



	B.Sc.	148	16	0	1	59	72	322339		
	M.Sc.	15	2	0	0	6	7	414660		
Freeship		21	3	0	0	5	13	66620		
2012-13 Govt. Scholarship	B.Com.	104	21	0	1	49	33	198025	1369966	58.37%
	B.A.	345	69	0	3	71	202	662830		
	B.C.A.	1	1					15968		
	B.Sc.	112	13	0	1	48	50	241816		
	M.Sc.	4	1	0	0	3	0	115980		
Freeship		34	6	0	0	10	18	135347		
2011-12 Govt. Scholarship	B.Com.	83	21	0	1	39	22	146479	1939793	39.62%
	B.A.	350	70	0	2	84	194	597216		
	B.C.A.	73	11	0	1	34	27	135828		
	B.Sc.	4	4					62540		
Freeship		14	4	0	1	3	6	37730		
ST Pass	All	120						60000		

Year	No. of Beneficiaries	Amount	% of Beneficiaries
2015-16	563	995770/-	25.11%
2014-15	609	2218890/-	27.16%
2013-14	987	1780504/-	51.19%
2012-13	972	1369966/-	58.37%
2011-12	873	1939793/-	39.62%

5.1.4 What are the specific support services/facilities available for- Students from SC/ST, OBC and economically weaker sections

As the institution belongs to rural and drought affected region of the state, it tries to nurture students providing them extra support services such as

- ❖ Entry in Service Centre for SC/ST/OBC and Other Minority
- ❖ Cycle Bank for economically disadvantaged and the needy
- ❖ Book Bank Scheme for students from economically weaker sections
- ❖ UGC-NRC for all students
- ❖ Institutional support through Earn and Learn Scheme, Student Aid Fund and other incentives such as seed money for research projects in Avishkar
- ❖ Departmental library facility
- ❖ Remedial coaching facility:

Category	No. of Beneficiaries
SC	184
ST	-
OBC	207
Minority	--

**Students with physical disabilities:**

Ramps are constructed for physically disabled students. HEPSN centre provides hearing machine, visual impairment aids, mobility and other necessary devices. Provision of rails and special toilet. All physically disabled students are given fee concession and free access to library

Overseas students: No overseas students admitted in the institution.

Support to Students who participate in various competitions/National and International

The institution encourages students to participate in various activities at national and international level like sports, cultural activities, and student research programmes (Avishkar) and other competitions.

Activity	Type of facilities	Activity	Type of facilities
Cultural	Auditorium, expert guidance to students, special required instruments	Sport	Indoor sports complex and outdoor ground, running track. Sports shoes, sports kit
Research	Well-equipped Research Laboratories Research Centre for M. Phil, Ph.D. in Botany & Chemistry and CFC	Publications of wallpapers and other activities	Infrastructure, magazines, journals, internet facilities.

The institution has provision of indoor sports complex and outdoor sports ground. The institution provides kit and sportswear to the sport persons. It also provides them allowances as per university rules. The successful students are honored by giving awards and trophies at annual prize distribution function.

The institution organizes competitions, lectures and workshops. The students are motivated to participate in activities such as workshops on Avishkar, Rayat Inspire Camp, Gandhi Vichar Sanskar examination, career fair, book exhibition and science exhibitions, etc. The institution has imprinted a position in AVISHKAR. The students have secured prominent places in these competitions. The faculties supervise students for participating in other competitions such as Quiz Competitions, Wallpapers, Poster preparations conducted by the institution and held at other institutions.

Medical assistance to students through Health centre, health insurance, etc.

Group Health Insurance policy is provided to all bonafide UG and PG students by the university. It is mandatory to all students to deposit Rs.10/- to university fund for availing this facility.

Hemoglobin check up camps are organized by NSS in collaboration with Department of Zoology, College Health Center and Primary Health Center, Dahiwadi. Following are the details of Hemoglobin check up camps:

Year	Place of camp	No. of beneficiaries
2011-12	Waghmodewadi	54
2012-13	Andhali	97



2013-14	Wavarhire	101
2014-15	Waghmodewadi	151
2015-16	Wavarhire	145

Health Centre facility:

The health center established by the institution is frequently visited by local doctors

- Dr. Bharat and Dr. Kiran Karande, General Surgeon, Kiran Hospital Dahiwadi
- Dr. Kadam, Primary Health Center
- Dr. Geeta Kulkarni, Vaduj
- Dr. Kulkarni, Dahiwadi
- First aid boxes are available at health center, Department of Chemistry and Gymkhana.

Yoga centre: Department of Physical Education conducts a Course in Yoga Studies and organizes yoga practical camps. Regular lecture series are organized in collaboration with Art of Living, Dahiwadi branch.

Organizing coaching classes for competitive exams:

There is a well furnished Competitive Examination Guidance Center in the institution. It has a well equipped lecture hall having video conferencing facility, a separate reading room and special library. It has been successfully coaching students to enter the government and other services at different levels. The center organizes lectures of eminent persons like

- Dr. Arun Adsul, Member, MPSC Board
- Mr. Mahesh Shingate, IRS
- Dr. Ombase Sachin, IAS
- Mr. Shambhuraje Virkar, IAS
- Miss. Prerna Katte, Dy. S.P.
- Mr. Bharat Andhale, IRS

Moreover, in accordance with UGC guidelines there is a center for Entry in Service for SC, ST, OBC students. The Placement Cell as well as Career Guidance Center also organized programmes such as One Month Competitive Examination Camp and One day workshops in collaboration with Mandeshi Foundation. Career guidance center arranged guest lecture sessions and campus placements.

Skill development (Spoken English, computer literacy, etc.):

- A Certificate Course in Spoken English at Entry Level is one of the special features of the institution. Its purpose is to improve English and soft skills of the first year students. The institution conducts UGC sponsored COC in Translation and Communication Proficiency in English and has a well developed mini language laboratory.
- A course in Synthesis of Household Useful Material in Laboratory is run by department of Chemistry to develop scientific and marketing skills.
- Following activities are carried out to train the students in respective fields:
 - Tourism to enrich tourist guide skills
 - A certificate course in Spoken English at Entry Level



- Translation and Communicative Proficiency in English to develop spoken English skill and translation competency.
- Journalism for developing analytical skills and improvement of reading culture.
- Nursery techniques: Hybrid varieties, budding, grafting and layering of plants.
- Sericulture and Vermiculture: Organic farming skills.
- Sewing machine in collaboration with Mandeshi Foundation to inculcate self employability.
- Computer literacy through MS-CIT center and well equipped computer laboratories.

The college has tie up under industry linkage with WIPRO for development of computer and communication skills and use of ICT.

Support for “slow learners”

- Slow learners are identified through their class performance, proficiency test, surprise test, marks in internal evaluation and monitoring the academic progress.
- Remedial coaching center of the institution helps slow learners to become average and average to become advanced improving their performance. Dept. of English, Commerce and Chemistry organize bridge course for concerned students.

Exposures of students to the institution of higher learning/corporate/ business house etc.

The college enhances participation of students in Lead college activity organizing lecture series, workshops and seminars in the campus as well as students are encouraged to participate in similar activities organized by other colleges. Some departments like Chemistry, Botany and Physics organize industrial visits. Department of Geography and History organize educational tours. Hence, students visit many places such as other institutions, laboratories, industries, and historical places where they understand the application of their theoretical knowledge and to use their knowledge for personal benefit and social welfare.

The Literary Association and Science Association organize lectures by eminent persons and department of Commerce provides On-Job Training for B. Com. students. The college celebrates Science Day every year and also organizes wall paper competition on various issues such as water conservation, save girl child, etc.

Publication of student magazines:

Every year the institution publishes the annual ‘Adwait’ which provides platform for the promising students to present their own creative abilities and writing skills. The annual publishes creative articles, photographs, drawings, research articles and poems.

In addition, special issues of wallpapers are displayed on occasions such as Independence Day, Teachers’ Day, Republic Day, Karmaveer Birth Anniversary, Science Day, etc.



5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

The college invites best entrepreneurs as guest lecturers on various occasions. Department of Commerce conducts a COC in Computer Accountancy Tally Package and provides on-Job Training. Department of Chemistry conducts activities such as Small Scale Synthesis of Candle and Soap, Preparation of Perfume and Scent in collaboration with Mandeshi Foundation. The institution has placement cell for encouraging entrepreneurial skills among the students. Various events are conducted by the institution as well as by the individual department like skill development fair, organization of workshops and lectures. The students are encouraged to actively participate and take initiative in organizing these events to realize the spirit of team work and to promote leadership quality.

Following activities have been undertaken by the institution to facilitate entrepreneurial skills:

Year	Activity	Resource Persons
2011-12	How to Improve Yourself	Prof. Tanushri Ghosh, Pune
	How to Succeed in Entrepreneurship	Prof. Bhola, Gujrat
2012-13	Career Fair, Small Scale Synthesis (Soap and Candle)	Prof. Shikalgar M. B. Dr. Chopade A.U.
	Uddyojak Wall paper/ How to open bank account training.	Prof. Shikalgar M. B.
2013-14	Skill Testing Aptitude Test (AMCAT Exam)	Asprimind Pvt. Ltd. Mumbai
	Maharajgar Fair (Portal Training)	Employment Dept. Government of Maharashtra
	Skill development fair, Small Scale Synthesis (Soap and Candle)	Prof. Shikalgar M. B. Dr. Chopade A.U.
2014-15	Career Fair, Small Scale Synthesis (Soap and Candle)	Prof. Shikalgar M. B. Dr. Chopade A.U.
2015-16	Skill development fair, Small Scale Synthesis (Shampoo and perfume)	Prof. Shikalgar M. B. Dr. Chopade A.U. and Mandeshi Foundation

Besides this:

- WIPRO Company provides training to the selected students and gives information regarding their product and work culture.
- MS-CIT introduced click course for the students from class 5th to graduates. It is helpful for government as well as private sector jobs.
- 'Earn and Learn' scheme of the college provides opportunity to the poor students to earn while learn. For example, student work as assistant to reading room, laboratory, garden, library and office.

Impact of the efforts:

MoU with Mandeshi Foundation	Salesmanship information, banking services
Journalism Course	Placement of students as reporters– Madhuri Bhosale, Rupesh Kadam
Career Fair	Self employment Ganesh Sakat - Established Maha e-service centre Sandeep Khade - Established Chaitanya Academy



Narayan Ahiwale – Established Chatrapati Academy Vishwajeet Katkar - Established Karate Academy Chetan Gujar – Established Sai Digital Lab Vijay Kumbhar – Athavan Production Pvt. Ltd.
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5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co-curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.

The institution tries its best to promote participation of students in extracurricular and co-curricular activities such as NSS, NCC, sports, elocution, debate competitions and other cultural activities.

- The institution provides sports kit to students for participating in tournaments.
- Infrastructural and other necessary facilities for sports are provided by the college.
- Financial assistance to students for participating in extra-curricular and co-curricular events.
- Flexibility in examination for students participating in sports, NCC, NSS and cultural activity.
- Organization of zonal and inter-zonal sports competitions as well as organization and participation in University Level Youth festival.

Activity	Participation of students in different activities					Outstanding Achievement
	No. of Participants per year					
	2011-12	2012-13	2013- 14	2014-15	2015-16	
Youth Festival	32	27	29	26	42	3 rd prize in Orchestra and Folk Dance in Central Youth Festival 7 th Oct. 2014.
Sports	93	92	80	101	108	Gold Medal in Athletic Ashwamedh, All India Competition Participation (Mr. Ganesh Ghanwat, Feb 2014)
N.S.S.	200	200	200	200	200	Construction of Bandhara, CCT.
N.C.C.	105	105	105	105	105	Participation in Republic Day Parade at New Delhi (Katkar Dhanaji Pandurang, Kharat Balasaheb & Pisal Rushikesh Y.)
Quiz Comp.	38	41	56	36/78	33/36/96	Department of Chemistry and English



As an outcome of the efforts taken by the institution, the students are performing excellently in all fields and holding ranks at zonal, university, state and national level competitions.

5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR-NET, UGC-NET, SLET, GATE / CAT / GRE / TOFEL / GMAT /Central/State services, Defense, Civil Services, etc.

The institution has made provision for career opportunities to the students in public service sector through Competitive Examination Guidance Centre which has organized following lectures:

Sr. No.	Resource Person	Date	Topic
1	Hon. Prabhakar Deshmukh (IAS) Pune Divisional Commissioner	09.09.2012	Preparation of Competitive Examinations
2	Hon. Gulabrao Pol (IPS) Pune Divisional Commissioner	09.09.2012	Preparation of Competitive Examinations
3	Hon. Subhash Pol Defense officer Jammu Kashmir	06.02.2014	Opportunities in Defense Field
4	Hon. Sou. Seema Jagtap BDO, Dahiwadi	17.09.2014	Opportunities for Women in MPSC
5	Hon. Poonam Jadhav (PSI) Ullhasnagar Mumbai	20.08.2015	Preparation of Pre-PSI Examination
6	Hon. Gulab Pathan, Assist Prof. Poona College, Pune	24.02.2015	Opportunities in IBPS field
7	Hon. Dr. Sachin Ombase (IAS)	06.08. 2015	Pre-preparation of UPSC
8	Hon. Shambhuraje Virkar(IAS)	16.09.2015	Personality Development and Interview Technique
9	Hon. R.R. Jadhav (Lft. Colonel) Ex-Military	16.09.2015	Police Recruitment Training
10	Hon. Prin. Dr. Arun Adsul (Ex-Member), MPSC	19.09.2015	Rural Students and Competitive Examinations
11	Prof. Sanjay Choudhari	19.09.2015	Police and Military Recruitment Training
12	Hon. Jagannath Navale Officer in banking sector	10.10,2015	IBPS Preparation
13	Hon. Minaj Mulla Divisional Officer, Dahiwadi	14.12.2015	Pre-preparation of Rajya-seva Examination
14	Hon. Dr. Kumbhar V.S. Chairman, Rayat Co-Operative Bank, Satara	03.01.2016	Opportunities for Youth in Banking Field.
15	Hon. Mahesh Patil (IAS)	20.08. 2016	Opportunities in Defense.



16	Hon. Mahesh Shingate (IRS)	21.08.2016	UPSC Syllabus and Examination Pattern
17	Hon. Prerna Katte (Dy. SP)	19.09.2016	Examination Pattern of MPSC

- RTS programme of the parent institute, personality development course, career guidance and English communication
- Guest lectures on NET/SET guidance for PG students.
- **Video Conferencing:** Following lectures arranged by parent institution at Satara, were attended by the student of college through video conferencing:

Sr. No.	Name of Resource Person	Date	Topic
1	Dr. Bhalchandra Munagekar – Member, Planning Commission of India	04/08/2015	Competitive Examinations
2	Hon. Indrajeet Deshmukh Commissioner, Pune	13/02/2016	Competitive Examination Preparation
3	Hon. Yajurvedra Mahajan	04/02/2016	Competitive Examination Preparation
4	Prin. Dr. B. A. Kamble	02/05/2016	Competitive examinations Guidance

- IBPS /Police Pre-recruitment centre organizes one month duration residential programme and training programme in collaboration with Mandeshi foundation.
- During last five years eight students have been qualified in national as well as state level competitive examinations.

5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)

Academic counseling through:

- **Admission Committee:** All admission committees in the college plan admission process for the next year at the end of every academic year. Committee provides guidance to students regarding selection, scope and importance of different subjects.
- **Principal's address:** All students at entry level are made aware of available courses in college, code of conduct and discipline, future perspectives and opportunities.
- **Departmental counseling regarding career in special subjects:** Every department has student monitoring programme. Each department provides information about avenues after graduation, scope of subject, future prospective and chances in employment. Student counseling is done by all departments. Outputs of the same are collected from them in the form of feedback about all teachers of the department.
- **Tutor-Ward Scheme-** Last year students are divided among the available faculty in the department and they are supported financially, academically for overall



development by teachers.

- **Counseling through experts for sports, cultural activities:** Cultural committee organizes workshop on How to Act?

Career counseling through:

- **Placement Cell** invites various companies, banks, industries and experts to guide about interview techniques, job opportunities, etc.
- **Competitive Examination Guidance Centre** arranges lecture series on preparation of MPSC/UPSC examinations.
- **Research Advisory Committee** guides students about handling instruments, preparation of research projects and preparation of synopsis.
- **Short Term Courses** for motivation towards acquiring entrepreneurship skills.
- Certificate and Career Oriented Courses (COC)

Psycho-social counseling through:

- Celebration of World Women's Day
- Organization of guest lectures on women welfare
- Activities conducted by NSS for all round development of students
- Counseling cell

Health care programmes:

- **Medical Checkups:** Primary Health Center, Dept. of Zoology and College Health Center collaboratively arrange medical checkup camps for the students
- **Hemoglobin Checkups:** Primary Health Center, Dept. Of Zoology and College Health Center collaboratively arrange Hemoglobin check up camps of the students
- BMI test
- **Guest lecturers:** Dr. Bansode, Mr. Jayapraksh Jadhav, delivered lectures on stress management through Yoga and Dr. S. M. Khetre on Acidity and Human Health

5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If 'yes', detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).

Yes, placement cell is invariably engaged in organizing campus interviews on placement oriented activities by different companies and organizations. Preparations of mock interviews of the students for campus interviews are conducted by the placement cell. Placement cell provides free internet service, well equipped seating arrangement, updated reading material.

Activities of Placement Cell during last five years:

Year	Activity	Resource Persons
2011-12	Resume writing	Prof. Dr. A. N. Dadas, Dahiwadi College
	How to improve and Correct Yourself	Prof. Tanushri Ghosh, Pune



2012-13	One day workshop on Life Skills, Time and Stress Management	Prof. Dr. P. N. Bhosale, Prof. Dr. Bhalbha Vibhute, Prof. Dr. A. M. Gurav, Dr. R. D. Kumbhar KBP, Satara Mr. Balasaheb Patil
	A lecture on Interview Technique and Resume Writing	Dr. S. M. Khetre, Prof. Dr. A. N. Dadas,
2013-14	One day workshop on Personality Development, Communication Skills and Career Opportunities	Dr. R. D. Kumbhar KBP, Satara Prof. M.B. Bhosale KBP, Satara Prof. S. B. Randhir Prof. A. H. Kolekar
	Skill Testing Aptitude Test (AMCAT Exam)	Asprimind Pvt. Ltd. Mimbai
	Maharajgar Fair (Portal Training)	Employment Dept. Government of Maharashtra
	Career Fair	Faculty, Department of Commerce
2014-15	One day workshop on Personality Development, communication skills and career opportunities	Dr. N.G. Deshpande Prof. S. B. Randhir
	Career Fair	Faculty, Department of Commerce
2015-16	Guest Lecture on Interview Techniques	Mr. Sarjerao Mahatugade, Kolhapur Mr. Abhay Mane, Kolhapur

Some prominent employers visited and students got benefited through placement cell:

Year	Name of Company / Consultancy Visited	No. of Students selected
2011-12	Arti Drugs Ltd. Tarapur, Thane	17
	Sudarshan Chemical, Roha	
	UST Ltd. Ratnagiri	
2012-13	Arti Drugs Ltd. Tarapur, Thane	18
2013-14	Deccan Management Consultants Finishing School, Pune	86
	Cummins India Ltd. Phaltan	
	Yazaki India Ltd. Wagholi, Pune	
	Yashaswi Institute of Technology, Pune	
2014-15	ICICI Bank ITM Training Ltd. Mumbai	46
	WIPRO Outsource Project-Influence Computer Education, Kolhapur	
2015-16	WIPRO Outsource Project-Influence Computer Education, Kolhapur	34
	TCS, Tata Consultancy, Mumbai	

**5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.**

The institution has a Student Grievance Redressal Cell established as per the guidelines of the affiliating university. The principal is the chairman of the cell and he is assisted by the vice principals. Students bring their problem to the cell. Taking into consideration the gravity of the issue, meetings are called to resolve problem. Minor grievances on academic, examination and other matters are received by the committee and redressed at the earliest.

No major grievances were reported during the last five years.

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

As per the guidelines of government of India, the institution has formed an Anti-sexual Harassment Committee which resolves issues pertaining to sexual harassment of women. Cell phone numbers of committee members are displayed on board.

Following activities are carried out by Anti-sexual Harassment Committee for the welfare of women.

Year	Activity	Resource Person
2011-12	Lecture Series	Dr. Geeta P. Kulkarni -Yoga Shibir Prof. Snehal Nene World Women's Day
	Camp	Hemoglobin Camp
2012-13	Lecture Series	Dr. Geeta P. Kulkarni (Yoga Studies) Seema Madake (Personality Development) Mrs. Shailja Khade (World Women's Day)
	Workshop	Male female equality and Women empowerment Mrs. Asha Raut -Nodel Officer, Municipal Corporation, Pachgani
	Camp	Hemoglobin check up camp
2013-14	Lecture	Mrs. Indrayani Jawal Maske (World Women's Day)
2014-15	Lecture	Aparna Ramthirthkar and Chetana Shinha
	Workshop	My Mother in My College
2015-16	Lecture	Dr. Borate (Women Health) Adv. Jadhav S.S. (Laws for women)

Due to the disciplined workforce and a cultured work place, the institution has never faced any such type of complaint in the last five years.

5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

Yes. The college has formed an Anti-ragging Committee as per guidelines of Supreme Court of India and UGC. An anti-ragging affidavit is submitted by the students and their parent/guardian at the time of admission. Anti-ragging form is supplied in the prospectus. Besides, campus supervision committee also observes regularly to ensure



such activity should not take place. It is a matter of positive culture of work place and positivity of thoughts. As students are from rural background, we are never troubled by any instances which are harmful to maintain peace and harmony in campus.

There has been no major instance reported in the last four years.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

Following welfare schemes are made available to students in the institution:

- Earn and Learn scheme is available for the needy students.
- Free parking for students and staff.
- Cycle bank for the needy to which faculty members, alumni and stakeholders contributed 55 bicycles.
- Clean and fresh drinking water facility, canteen facility, seating arrangements during free time, washrooms, and common rooms.
- Student welfare fund provides financial aid to needy, meritorious and regular students.
- The alumni association of the institution also provides financial assistance to ideal and topper students through following cash prizes:

1	Prin. Narayanrao Bhagare Award	Ideal student (Girl and Boy)
2	Prin. Shinde D. M. and Smt. Shinde C. D. Prizes	Toppers in Economics & Hindi
3	Muktabai Shivaji Balwant Memorial Prize	Topper in Hindi (Special)
4	Prof. Vijaykumar Kshirsagar Award	Topper in Commerce
5	Prof. R. D. Jadhav Prize	Topper in T.Y. (B.A., B.Com. in Special Economics)
6	Sindhutai Ramling Swami Memorial Prize	Topper Girl in Economics
7	Ramling Bhanudas Swami Memorial Prize	Topper Boy in Economics
8	Prin. Dr. A. B. Rajage Prize	Topper in Economics
9	Dr. A. S. Bhagwan Prize	Topper in Political Science

The institution campus is under surveillance of 16 CCTV cameras which induce a feeling of safety among the students.

5.1.14 Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?

Alumni association of the college is not registered, however the activities of the association are carried out with the assistance of the exstudents who have been registered at college level. The institute has established and fostered a strong bond with its past students through Alumni Association. The Alumni Association is a vibrant extended family of the students, their parents and the faculty. It helps college towards realizing high standard of quality in study, work culture and citizenship. The alumni meets are arranged once in a year. The association members have provided financial assistance to ideal and university topper students as well as funds for construction of Golden Jubilee Building. There is an alumni tab on the institution website.



Alumni Association has even funded a conference on “Educational Awareness towards Environmental Hazards: A Geographical and Historical Perspective” organized by Department of Geography, History, Environmental Studies and Education.

5.2 Student Progression

5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

Student progression is as follows:

Student progression	2011-12	2012-13	2013-14	2014-15
No. of Students Passed	315	412	438	464
UG to PG	35.23%	30.58%	28.99%	34.91%
PG to M. Phil.	-	1	1	2
PG to Ph.D.	-	3	2	1
Employed				
• Campus selection	2.85%	4.36 %	16.43 %	5.38%
• Other than campus recruitment	2.53%	2.66 %	5.62 %	2.80%

Year	Student Strength	UG to PG	PG to employment	Employment through campus placement	Employment through outside campus placement
2011-12	315	111	7	17	08
2012-13	412	126	11	18	11



2013-14	438	127	8	86	22
2014-15	464	62	12	46	13

5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (course wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.

The following tables reflect a comparative picture of institution and university results:

Year		B.A. III			B.Com. III			B.Sc. III		
		Appeared	Pass	%	Appeared	Pass	%	Appeared	Pass	%
2011-12	DCD	197	187	94.92	55	43	78.18	40	33	82.5
	SUK						73.46			
2012-13	DCD	181	174	86.20	94	91	90.91	88	87	98.76
	SUK			79.78			83.83			84.53
2013-14	DCD	254	237	93.3	68	61	89.70	93	87	94.56
	DPBC K	118	106	89.83	528	552	98.92	50	45	90
	SUK			77.53			87.48			65.08
2014-15	DCD	243	205	84.36	95	88	93.18	127	123	96.85
	DPBC K	139	117	84.17	130	116	89.23	63	52	82.53
	SUK			79.16			86.02			75.71
2015-16	DCD	224	209	92.85	110	95	87.03	168	144	85.22
	DPBC K	132	101	76.51	91	77	84.62	73	60	82.19
	SUK			60.51			79.07			68.42

Year		B.C. A. III			M.Sc.			PG Diploma		
		Appeared	Pass	%	Appeared	Pass	%	Appeared	Pass	%
2011-12	DCD	24	24	100	--	--	--	12	12	100
	SUK			91.52	--	--	--			100
2012-13	DCD	10	10	100	20	20	100	20	20	100
	SUK			91.00			85			100
2013-14	DCD	21	20	98.92	18	18	100	17	17	100
	DPBCK	13	12	92.30	--	--	--	--	--	--
	SUK			89.77			68.3			100
2014-15	DCD	35	32	91.42	21	14	66.66	20	18	98
	DPBCK	18	18	100	--	--	--	--	--	--



	SUK			82.33			75			100
2015-16	DCD	15	12	80	22	21	95.45	15	13	86
	DPBCK	14	13	92.85	--	--	--	--	--	--
	SUK			71						86

(Note: DCD = Dahiwadi College Dahiwadi; DPBCK = D P Bhosale College, Koregaon; SUK= Shivaji University, Kolhapur)

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

As per the mission and goals, the institution takes efforts to provide quality education. The institution introduces new courses considering the need and employment opportunities.

During the last five years, one interdisciplinary P.G. Diploma in Green Chemistry and Crop Protection for Botany, Chemistry and Zoology students is introduced under innovative programme scheme of UGC and one undergraduate course i.e. B. Sc. in Computer Science, Microbiology subject and one post graduation course M. Sc. in Organic Chemistry have been introduced. Considering the need of research in this area, the institution has established M. Phil and Ph.D. research laboratories in Chemistry and Botany that are recognized by Shivaji University, Kolhapur.

The institution has been effectively running some add-on courses at departmental level viz., Chemistry, Botany, Zoology, Physical Education, Commerce, Marathi, History, Economics and Political Science that help the students in higher studies as well as getting employment.

Competitive Exam Guidance Center trains the students for examinations leading to entry into different services.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

Many a time the possible drop out of students may be due to financial reason. In such cases financial support is provided to students by various means including personal finance or permission by the principal to pay the fees in installments as and when possible.

For students who are at risk of failure institution takes efforts through:

- Personal counseling, Tutor-ward scheme, mentoring of students
- Remedial Coaching
- Earn and Learn
- Student Aid Fund.

5.3 Student Participation and Activities:

5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.

The institution conducts the following range of extracurricular activities with the aid of Gymkhana Committee, NCC, NSS, Cultural Committee and other committees:



Sports Activities	
Outdoor games	Indoor games
Cricket	Badminton
Basketball	Carrom
Handball	Table tennis
Football	Chess
Athletics	Karate
Kabaddi	Taekwondo
Kho-Kho	Sepak Takraw
Volleyball	Wrestling
Netball	Volleyball
Shepak takrao	Boxing

The following programmes and activities are conducted as per the schedule of the respective departments:

Name of Activity	Types	Participation (4 years)	Event Name
Sports/ Games	Indoor/Outdoor Athletics Yoga	474	Zonal/Inter zonal/State level National/International level
Cultural	Skit, Street Play, Folk Dance, Mime, Orchestra, photography, Rangoli Poetry Reading\Song Elocution, debating, painting, cooking (Recipe)	156	Youth Festival Workshop, Street Play, Karmaveer Week celebration
NSS	Residential Camps in Nearby villages	100 per year	Swachata Abhiyan, Shramadan, Rallies
NCC	Participation in Camps	105 per year	Swachata Abhiyan Parade Training/ Participation in Social Service Activity
Science Association	Institution	All Science Students	Lecture, Exhibition, Wallpaper

Sports activities

The institution has indoor sports complex and gymkhana as well as outdoor sports ground. The students have actively participated in competitions especially in the following events:

Zonal Tournament Participation

Game	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Kabaddi	12	12	12	12	12	60
Kho-kho	12	12	12	12	12	60
Volley ball	12	12	10	10	8	52
Handball	12	12	12	12	10	58
Athletic	10	8	11	14	16	59
Chess	4	4	2	2	2	16



Wrestling	2	-	2	3	4	11
Softball	15	-	-	-	--	15
Badminton	-	-	-	4	3	7
Taekwondo				2	2	4
Cricket	-	-	-	-	15	15
Boxing				3	2	5

Game	2011-12	2012-13	2013-14	2014-15	2015-16	Total
Kabbadi	--	12	12	--	--	24
Kho-Kho	--	--	--	12	12	24
Handball	12	12	--	--	--	24
Athletic	2	--	4	8	6	20

Inter Zonal Participation
Sports Tournament participation during the last 4 years

Game	Zonal	Inter Zonal	Ashwmedh	All India
Kabbadi	60	24	2	1
Kho-Kho	60	24	--	1
Holley ball	52	-		
Handball	58	24	1	1
Athletic	59	20	3	3
Chess	16			
Wrestling	11			
Softball	15			
Badminton	7			
Taekwando	4			
Cricket	15			
Boxing	5			
Total	370	92	6	6

5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

Students' achievements in co-curricular activities:

Two students from Chemistry department have participated in summer training programme "CSIR-NCL OSDD" for two months at National Chemical Laboratory, Pune. The students were trained in the selected research topics and were encouraged to pursue their career in research. It also provided fellowship of Rs. 8000/- per student and free accommodation at NCL. Mr. Bhosale Tushar Bharat from Department of Chemistry participated in mobile repairing entitled Gramin Swyam Rojgar training for two weeks conducted by IDBI Satara.

Special achievements in sports:

- Collage has general championship for one year
- Lalita Babar – student of YCMOU Study Center of the college participated in Olympic, Rio 2016 and is the recipient of Arjun Award.



Year	University	State	National
2011-2012	Satara Zone Handball Runner Team & Inter Zone camp. Participated	Throw Ball Comp. Participation, Handicap Running Comp. – 3 rd RANK	Best Racing Participation
2012-2013	Satara Zone Hand ball Comp. – 2 nd RANK& Inter Zone comp. Participated	Handicap Sport District & State Level Camp. – Participated	Inter Zonal Hand Ball Comp.- Participated & Jay Narayan Vyas University, Jodhpur, West Zone Inter University, Hand Ball Comp. - Participated
2013-2014	Shivaji University Kabbadi Team Selection & Ashwamedh Comp. Gold Medal & Inter Zone Kabbadi Participation & Satara Zonal Hundred mtrs. Running – 2 nd & Satara Zonal Javelin Throw Comp. – 3 rd	-	National Karate Comp., Goa – Gold Medal.
2014-2015	Satara Zonal Hundred Mtr. Running – 3 rd & Relay – 1 st & Kho-kho Satara Zone – 3 rd	-	Kho – kho All India Comp. Selection
2015-16	Miss. Lalita Babar	International	Participated in Rio Olympic-2016 (running, 3000 mtr). Awarded- Arjun Award

Cultural activities:

Year	District youth festival	Central youth festival	Other
2011-12	1 st in skit	Participation	One day workshop on acting (10/2/12) Traditional day (26/1/12) Participation in intercollegiate elocution competition at KPB, Islampur.
2012-13	2 nd in folk orchestra 2 nd in folk dance	3 rd in folk orchestra	1 st at Taluka level & 2 nd at District level in Swachata Mitra Karandak Participation in Lokmanas at DD Sahyadri, Mumbai
2013-2014	1 st in folk dance, quiz and mime 2 nd in street	Participation in spot painting and mimicry	Street play on Voter's Awareness Day 1 st in Poetry Reading and selection in Best Five at Kirloskar Vasundhara Festival, Kolhapur



	play 3 rd , in folk dance at Pusegaon		1 st & 2 nd at taluka level in Swachata Mitra Karandak
2014-15	3 rd in folk dance 3 rd in folk orchestra	3 rd in folk orchestra	Social gathering of people related to Traditional Folk Arts from Man taluka My mother in my college
2015-16	3 rd in folk dance 3 rd in folk orchestra	Participation in folk orchestra & folk dance	Celebration of Karmaveer Week

Achievements by NCC:

The collage has unit of NCC affiliated to Army Wing Maharashtra Directorate, Kolhapur, Group 22 Maharashtra Battalion, Kolhapur Group. NCC has a separate office with adequate infrastructural facilities having 105 cadets.

Performance of cadets at B and C certificate exams is as follows:

Year	Total Cadets	'B' Certificate		'C' Certificate	
		Appeared	Passed	Appeared	Passed
2015-16	105	18	16	30	29
2014-15	70	39	38	--	--
2013-14	85	--	--	35	27
2012-13	105	54	47	45	40
2011-12	105	58	56	43	40

Year	Awards and Achievements
2011-12	ATC – Pandharpur - Cross Country Compt. – Amol Chavan – 1 st Rank Firing – Sagar Chavan – 1 st Rank RD Camp – New Delhi - Best Cadet – Katkar Dhanaji Pandurang
2012-13	ATC – 2012 – Best Cadet – Kharat Balasaheb Cross country – Navnath Shirkule – 2 nd Rank ATC – Jan. 2013 – Cross Country – Amol Devkar – 2 nd Rank
2013-14	ATC Mahagaon – Drill Comp. – Jagadale S. J. – 1 st Rank Quiz Contest – Waghmode I. C. – 2 nd Rank
2014-15	ATC Mahagaon – Drill Comp. – Nalawade V. P. – 1 st Rank Firing Comp. – Mohite H. D. – 2 nd Rank Special National Integration camp at Lakshdweep – Pisal R. Y.
2015-16	ATC Sajjangad – Drill Comp. – Institution – 2 nd Rank Drill Comp. – Individual Pisal R. Y. - 1 st Rank RDC New Delhi – Pisal R. Y.

**Achievements in magazine competition at university level:**

Year	Awards in University Magazine Competition
2012-13	Third prize for 'Baba Amte's Anandwan'
2013-14	Third prize for Interview 'Doctor to Actor'

Achievements in Avishkar, a Student Research Competition:

Year	Name	Faculty	Rank	Level
2012-13	Kale Akshay Abaso	Commerce, Management & Law	Participated	State
	Kale Akshay Abaso	Commerce, Management & Law	First	University
	Pawar Abhay Bandhu	Commerce, Management & Law	First	University
2013-14	Kale Akshay Abaso	Commerce, Management & Law	Participated	State
	Pallavi Dattatry	Humanities, Language and Fine arts	Participated	District
	Autade Abhijeet T.	Law	Second	University
	Kale Akshay Abaso	Commerce, Management & Law	Second	University
	Sawant Swati S.	Humanities, Language and Fine arts	Participated	District
	Katkar Vaishali M.	Commerce, Management & Law	Participated	District
2014-15	Mulla Nazneen Bashir	Commerce, Management & Law	Participated	State
	Mulla Nazneen Bashir	Commerce, Management & Law	First	University
	Mulla Nazneen Bashir	Commerce, Management & Law	First	District
	Borate Priyanka Baliram	Commerce, Management & Law	Third	District
	Doshi Saheli	Science	Second	District
	Doshi Saheli	Science	Second	University
	Doshi Saheli	Science	Participated	State
2015-16	Jadhav Pranali Jalindhar	Science	Participated	District
	Hajare Abhijit	Commerce, Management & Law	Third	District



5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?

The college has worked out an effective mechanism to make qualitative improvement in teaching and overall improvement in the growth of the college. The college circulates feedback forms among the stakeholders for suggestions on course contents, infrastructure and teaching process.

Feedback mechanism:

- Feedback form which is to be filled by final year students.
 - Students also express their views and share their experiences at the time of farewell function at departmental level.
 - Alumni feedback during alumni meet
 - Parent Meet
 - Employers' Feedback
 - Suggestions during LMC Meets
 - Suggestions by RQMS peer team and Audit Reports
- The suggestions are communicated to the principal and the IQAC for necessary action. The suggestions are used to overcome the limitations in overall functioning of the institution.

5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.

The college publishes its annual 'Adwait' at the end of every academic year. The students are encouraged to contribute their views and innovations. The magazine involves the following items:

- Creative and critical writing
- Photographs
- Drawings
- Paintings
- Cartoons
- Interview

The annual is submitted for competition organized by the affiliating university. Students have won the following prizes during the last four years:

Year	Awards in University Magazine competition.
2012-13	Third prize : Baba Amte's Anandwan
2013-14	Third prize for Interview 'Doctor to Actor '

The college also conducts publication of wall paper activity on four occasions which provides opportunity to the students to display their writings and other material on a special display board:



Department	Title of wall paper	Student	Occasion
Chemistry	Alkemie	M.Sc.I & II B.Sc. II & III	15 th August, 5 th September, 22 nd September, 26 th January
Physics	Galileo	B.Sc. III	
Botany	Botanica	B.Sc. III & II	
Zoology	Nature Club	B.Sc. III & II	
Computer Science	Wall@DCD	B.Sc. III & II	
Marathi	Avishkar	B.A. III	
Hindi	Aalok	B.A. III	
English	Rainbow	B.A. III	
Geography	Vasundhara	B.A. III	
Commerce	Udyojak	B.Com. III	
Education	Socratic	B.A. III	
History	Shodharthi	B.A. III	
Economics	Arthvedh	B.A. III	
BCA	Tech@World	B.Sc. III & II	
Political Science	Rayat Satta	B.A. III	

Besides, Weekly News Bulletin is presented by final year students.

5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.

The college has student council which is active and functional throughout the academic year. Selection and constitution is made as per the guidelines of affiliating university.

- ❖ Notice regarding the formation of Students' Council under section 40(2)(b) of the Maharashtra University Act, 1994 is issued and displayed every year.
 - ❖ Collects nomination forms according to policies of the Government and University
 - ❖ Two female students from SC/ST/OBC/NT are nominated by the principal.
 - ❖ Elects the class representatives and University representative
- Representatives of NSS, NCC, sports, and cultural committee are nominated in this council.

Student council collects and transfers fund for the blind (National Association for the Blind, Sangli Branch). The function of the Student Council is to maintain overall discipline in the campus.

The college celebrates various days viz. anniversaries of eminent national personalities; Science Day, Independence day, Republic day, Teachers' day, etc. with the help of student council.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

Students' representation and contribution has been an essential part of academics and the various activities of the institution. Student representation is on the following committees:



IQAC	Library
Institution Development Cell	Cultural Committee
NSS	Student Council
NCC	Student Welfare Committee
Gymkhana Committee	Ladies Hostel Committee
Magazine Committee	Anti Sexual Harassment Committee

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution?

The institution keeps contact with alumni and former faculty members through:

- Alumni meets in which suggestions by the alumni are invited as well as they are felicitated for help/donations given by them.
- Registration of suggestions both online and off line
- Invitation to the alumni for important events like Teachers' Day, Karmaveer Jayanti, Annual Prize Distribution, etc.

The institution celebrated golden jubilee year in the academic year 2014-15 during which the institution invited former faculty members, alumni and former principals of the institution during celebration of the golden jubilee year. The list of the top alumni is as follows:

Name	Department	Designation	Achievements
Kadam Manisha	Chemistry	Government Labour Officer	Labour commissioner
Dr. A. B. Rajage	Economics	Principal	Former Director, BCUD
Dr. Taware S. S.	Zoology	Assistant Prof. (MPSC) Zoology	Assistant Professor, Institute of Science, Mumbai
Miss. Megha D. Pawar	Physics	M.Sc. Physics	B.Sc. III, 95%
Jadhav B. D.	Botany	Principal	Founder of Kalchoundi Education Society
Prin. S. T. Shingate	English	Principal	S.S.G M. Mahavidyalay, Kapasi
Miss. Jadhav Poonam	English	PSI	Ulhasnagar, Thane

There has been a very good bond of relationship of the institution with its alumni. The alumni of the institution continuously contribute in the organization of academic as well as other activities. This can be noted through following:

- **Art of living:** Many alumni help organizing camps on health awareness.
- **Academies run** by alumni help to personality development of the students.
- Marathi Vidnyan Parishad collaborates in organizing lectures on issues related to science.

**Any other relevant information regarding Student Support and Progression which the college would like to include.**

Following courses are run by the institution at departmental level. The beneficiaries are as follows:

Course Name	Target Group	Funding Agency	Year of commencement	2015-16	2014-15	2013-14	2012-13	2011-12
Translation and Communication Proficiency in English	B.A. III	UGC	2009-10	30	14	29	25	17
Water Shed Management	B.Sc. I	UGC	2009-10	114	63	102	58	15
Biotechnology	B.Sc. II (B group)	UGC	2012-13	158	98	50	46	--
Computer Accountancy Tally Package	B.Com III	UGC	2012-13	151	133	117	98	--
Yoga Studies	B.A. II	UGC	2012-13	165	161	150	146	--
Water & Soil Analysis	B.Sc. III (Chem)	UGC	2015-16	93	--	--	--	--
Synthesis of Household material in Laboratory	B.Sc. III	Self	2011-12	-	122	93	85	38
Spoken English	All B.A, B.Sc. B.Com BCA I year student	Self	2011-12		172	186	263	350



CRITERION - VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?

The institute has a dedicated management that offers genuinely realist programmes to develop saleable skills in the students. The parent institute i. e. Rayat Shikshan Sanstha is one of the leading educational institutions in Asia. The value of its contribution to education in general is enormously great as it has, from the very beginning, tried all its best to lay emphasis on the education of the down-trodden, the poor and the ignorant who really form the major bulk of society. The network of its branches has spread like branches of the benevolent banyan tree. One can rarely find such an educational institution working devotedly in about 15 districts of Maharashtra and one district of Karnataka with 14627 (female 3717) employees belonging to 170 castes and communities and 4,54,165 students (female 2,10,822). The statistics speak of the phenomenal progress and achievement of the Rayat Shikshan Sanstha as dreamt by the Karmaveer.

To-day, it has been running:

- 42 Colleges,
- 438 secondary schools,
- 8 training colleges,
- 42 primary schools (English medium-19),
- 31 pre-primary schools (English medium-19),
- 80 cosmopolitan hostels,
- 8 Ashramshalas, and
- 57 ancillary branches.

The founder of the institution, late Dr. Karamaveer Bhaurao Patil, was a man of the masses who devoted all his mind and heart to the cause of their education. He had an incisive understanding of the social ills that beset his times and fully realized the dire need of the spread of education. He believed that education alone could correct the social ills such as caste-hierarchy, money-lending, illiteracy, untouchability, superstitions and social and economic inequality. Throughout his life he tried to translate this belief into reality. Established in June, 1965 and affiliated to Shivaji University, Kolhapur (MS), the college has turned to be an ideal education hub in rural Maharashtra. It has become an academic unit in a true sense of the term.

VISION

Transforming the life of perennial drought-hit population through quality higher education with new vistas of knowledge promoting research and inculcating scientific temper.

MISSION

- Imparting quality education to students from the drought stricken area of the state and to shape and channelize the youth energy to undertake the task of



transforming “The Waste Land into the Best Land” programmes and thereby creating a feeling of corporate life.

- Creating socio-environmental awareness among students and masses around inculcating the sense of discipline to be self-reliant among students with a view to enrich responsibility, secular citizenship and build their character and personality.
- Acquainting students with modern technology, research and informatics to enable them to face global challenges.
- Striving for women empowerment and water conservation through value added courses and projects.

OBJECTIVES

- To promote research culture among students and faculty providing incentive of modern ICT tools and techniques.
- To provide platform for enhancement of skills with a sense of social responsibility to contribute the national development.
- To strive for holistic development of students enabling them to acquire professional skills and etiquettes so as to get jobs.
- To pay special attention towards empowerment of women through inculcating employability skills among girl students.
- To promote a culture of tolerance, ecumenism and harmony so as to train students to become global citizens.
- To create water literacy among students through various short term courses enabling them to overcome scarcity of water in the perennial drought stricken region.
- To inspire students through personal contact and scholarly qualities, high moral character.
- To strive for excellence through academic partnership, collaboration and by cherishing academic freedom.

The vision, mission and objectives for students, teachers, staff and other stakeholders are communicated through:

- Principal’s address and interaction
- Website
- Display on boards
- Curricular, co-curricular and extra-curricular activities
- Parents and alumni meetings
- Cultural and social values are inculcated among students through NCC, NSS and Vivekvahini.

Since the establishment, the college emerged out of natural calamities such as perennial drought, scarcity of water and always learnt to share the problems of the region. In a span of 50 years the college has shown a remarkable growth in qualitative academic affairs.



Unique feature of the college has been to cater to students hailing from rural, drought stricken and economically backward strata of society. The average annual rainfall of Man tehsil is 40 to 50 cm. Due to scarcity of water the agriculture in this area is permanently affected. As a result people in large number migrate to metropolitan cities in search of jobs as well as better living opportunities. Some of them are even first-generation learners. Concerted efforts are made to provide skill based education to such students so as to bring about remarkable change in their academic performance at the end of the program.

At present, the college provides education in four different streams such as Arts, Commerce, Science and BCA. The college runs many programs for students including PG in Chemistry, PG Diploma in Green Chemistry and Crop Protection, M. Phil and Ph. D in Botany and Chemistry. The total enrolled number of the UG and PG students during the year 2015-16 is 2444 (including Ph. D students) Out of them 1244 are girl students. Besides, the college offers 7 Career Oriented courses such as Translation and Communicative Proficiency in English, Yoga Studies, Computer Accountancy Tally Package, Biotechnology, Watershed Management and Technology, Foundation Course of Human Rights, Soil and Water Analysis. There are 201 students who have been empowered by securing jobs in the various Government and Non-Government sectors.

The college has received research fund of Rs.1 crore from UGC, Rs. 50 lakh from DST-FIST in the last 5 years. The faculty members have published 34 research papers in national journals and 59 in international journals. UGC has sanctioned 01 major and 19 minor research projects of the faculty members of the college during the last five years. The college has organized 19 National, 6 State and 23 University level conferences, seminars and workshops. The college hosted '*Aavishkar*' research project competition twice sponsored by Shivaji University, Kolhapur. As a result, 5 students of the college participated at inter-university and state level research competitions.

There are 14 faculty members who have been awarded Ph. D, and 17 faculty are pursuing their doctoral research in respective subjects.

Dr. V. S. Jamadade, head, department of Physics, has filed **six patents** for super capacitor sensors.

The college has a substantial number of students passing competitive examinations. Miss Prerana Katte has been selected as Dy. S.P. Miss Poonam Jadhav is selected as a Police Sub Inspector through Maharashtra Public Service Commission Examination in 2012. Besides academics, our student Ganesh Ghanwat B.A. III had participated in national level 400 meter running athletics competition in Patiala (Punjab) who was also nominated for World University Level Running Competition in April 2016 in Rajasthan.

Through NSS, NCC and various departments, the college has organized different programs for the society such as Save Baby Girl, Tree plantation, blood donation camp, health checkup camp, Hb detection camp, soil and water testing and analysis, construction of CCT, check dams, awareness rallies about AIDS, Swine flu, Ebola and Zika virus. The NCC cadets, Balasaheb Kharat and Rushikesh Pisal (B.A.III) had participated in Republic Day parade held at Delhi.

District level youth festival was hosted on 09/10/2014 by the college. The college has made remarkable changes in the infrastructural facilities in the last five years. The college has Indoor sports complex, Flood light Basketball Court, commerce laboratory,



well equipped Science laboratories. The Botany and Chemistry laboratories are recognized by Shivaji University, Kolhapur as research laboratories for M. Phil and Ph.D.

The college has spacious and well-stacked library with total number of 60,012 books and 38 periodicals. Development in the library includes addition of titles and journals, acquisition of LIBRERIA software, N-List programme of INFLIBNET, reprographic facility and computerization. Library facilities have been made available for the alumni and other stakeholders of the college.

The college has 'Earn and Learn' scheme which provides opportunity to students from economically weaker sections who take benefit of financial assistance at the cost of meager labor.

The college has a placement cell which regularly organizes placement camps of the reputed business organizations viz. WIPRO, TCS, ICICI, etc. The college also organizes various conferences, seminars and workshops for students, staff and various sectors of the society. The college and its parent institute have MoUs with 13 organizations regarding research and placement of the students.

The college has an active alumni association. The college organizes 'Career Fair', Exhibition and Entrepreneurship Camps every year. 'Career Fair' is a platform provided to promote entrepreneurial skills among the students. Also, various interactive sessions are organized with successful entrepreneurs to motivate the students. The college organizes various workshops for different purposes like Disaster Management, Stress Management, Women Empowerment, Entrepreneurship Development and Watershed Management. Through Mandeshi Foundation (an NGO), Rajendra Sinha Rana, the "Jal Purush", visited and offered guidance pertaining to water management in the college.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

The institution is governed by parent institute i.e. the Rayat Shikshan Sanstha, Satara. The Management, Principal and faculty members work in conjunction to formulate and implement its quality policy and plans for assurance and sustenance of quality in higher education. The management plays an important role in the development of infrastructure and financial support for starting new courses, enhancing the quality of education and promotion of research. There is a special monitoring mechanism of the management to promote and sustain quality. As far as academics is concerned, the principal and HoDs are given total academic freedom by the management.

The Local Managing Committee (LMC) takes decision on general policies for the overall development of the college. The IQAC and Steering Committee adopt specific measures through deliberations and interactions by getting feedback from the departments and faculty.

- The managing council of Rayat Shikshan Sanstha holds the monthly meetings in which academic and administrative policies are decided.
- The top management conducts quarterly meetings of higher education committee formed by parent institute which includes the principals of all 41 colleges of the institute. These meetings aim at implementing the policies including academic budget prepared by the managing council regarding the academic and administrative policies.
- The authorities instruct and suggest improvements for enhancing the quality of



institute.

- Academic calendar of all activities is prepared accordingly.
- Innovations in improving attendance, teaching and learning process are the result of these meetings.
- At the institute level, principal conducts meetings of HoDs during which action plans for implementation of quality policies are emphasized. The principal discusses all plans in the general meeting of faculty members.
- The HoDs hold the meetings of faculty members regarding implementation of plans.
- Work is distributed among the staff forming 52 different working committees and the chairpersons of the committees report progress and results to the principal.
- Quality strategies are designed and implemented by the IQAC and Steering Committee.
- Local Managing Committee decides policies regarding academic, administrative and infrastructural issues.
- All the faculty members follow academic calendar and complete the assigned work in time.

6.1.3 What is the involvement of the leadership in ensuring:

➤ The policy statements and action plan for fulfillment of the stated mission

- The top authorities of the parent institute review and instruct for fulfillment of quality policies of the college.
- The vision, mission and objectives of the institute are in tune with the parent institute.
- LMC reviews and guides the institute to design policy statements and fulfillment of mission.
- The IQAC and Steering Committee formulate action plan for the fulfillment of the mission.
- The principal conducts meeting with vice-principals, HoDs, faculty members and administrative staff to guide about the policy statement and fulfillment of the mission.

➤ Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan:

- Action plans are prepared by the IQAC keeping in view the policy statement and fulfillment of mission.
- Academic calendar of each year is prepared and included in the prospectus.
- All the departments prepare annual teaching plan.
- Departmental meetings are frequently held for formulation and implementation of action plans.

➤ Interaction with stakeholders:

The college takes conscious efforts to build a healthy relationship with its stakeholders. Interactions with stakeholders are also sought through:



- Meetings of parents with the principal, vice-principals, admission committee members and HoDs are held at the time of admission and throughout the year.
- The IQAC has two expert members representing specialized area who contribute to the functioning of IQAC by their innovative suggestions.
- Meetings under Tutor-ward scheme at departmental level.
- Former teachers of the college and distinguished alumni are frequently invited in the college on various occasions. Interactions with them offer good insight into strengthening the services for students at college.
- Open access to the Principal's office to all stakeholders.
- Institute magazine (Adwait), prospectus, college website, SMS, E-mails, letters, WhatsApp groups are the means of interaction with stakeholders.

➤ **Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders:**

- Need analysis is periodically done through various statutory committees of the college under the leadership of the principal.
- Training needs of the faculty are also assessed and used to train them for updating their knowledge. Need analysis is also done in consultation with students through feedback and also with nearby industries.
- Research committee promotes the faculty to obtain grants for doing Major and Minor research projects. The result of the policy is that UGC sanctioned one major and seventeen minor research projects have been completed by the faculty.
- UGC under XIth plan has sanctioned 53.50 lacks for Innovative Programme of P G Diploma in Green Chemistry and Crop Protection and 25 lacks as additional grants to purchase equipments.
- DST-FIST has sanctioned 50 lacks for strengthening research labs.
- The parent institute has deposited the amount of Rs. 5 crores as a seed money for research activities. The top management offers Late Yashwantrao Chavan Research Fellowship for research in foreign Universities through the interest on that amount.
- The management publishes best research papers of the college faculty through its research journal "Trajectory" and also provides seed money to research scholars.
- Infrastructural requirements are decided by building committee and approved by LMC on the basis of students' strength and requirements of HoDs.
- **Reinforcing the culture of excellence and championing organizational changes**
- The college has prepared prospective plan based on periodic reviews and feedbacks from stakeholders to reinforce excellence accepting new changes:
- The college website www.dahiwadcollege.in is updated with recent information.
- Applied teaching-learning is assisted by using ICT in digital classrooms.
- Boosting research activities of social relevance and provision of seed money for research.
- Enhancement of library services as a learning resource



- Optimum utilization of infrastructure
- Science laboratories have interdisciplinary approach
- Rainwater harvesting and ground water recharge system
- Leadership developed through Lead College Scheme activities promotes a culture of excellence at every level.
- Competitive Examination Guidance Centre
- Introduction of new programmes to meet needs of stakeholders
- Organization of skill development programmes
- 13 MoUs with various organizations

6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?

- The institution monitors and evaluates its policies and plans through:
- Various committees and their members are appointed on the basis of performance in the previous year and willingness.
- The principal, vice principal and IQAC coordinator also hold meetings with the respective committees before and after the organization of programmes.
- Progress of each committee is monitored by principal and due consideration is given to students' feedback.
- In view of getting the required response from different staff members and departments from time to time, the approved plans of various activities are communicated to the HoDs. This helps in mutual coordination and proper balancing of curricular as well as other activities.
- The committees carry out their activities and immediately report of the outcome of the activity to the principal.
- Various committees are formulated to monitor and evaluate policies and plans effectively from time to time:
- Local Management Committee (LMC) meetings.
- Steering committee meetings.
- The principal reviews the academic progress through IQAC meetings.
- Admission committee meetings.
- Exam committee meetings.
- Meetings of the building and purchase committee.
- Periodic meetings of Grievance Redressal Cell.
- Regular meetings of Research and Library Committees.
- Parents and Alumni Meets.
- Sports Committee.

**6.1.5 Give details of the academic leadership provided to the faculty by the top management?**

Recognizing quality, the faculties are allowed to work in the management as Member of Managing Council, Life Member, Life Worker, Member of higher education committee, LMC, joint secretary, auditor and even as the secretary of the top management to groom the faculty as academic leader in future. Academic wing of Rayat Shikshan Sanstha i.e. Karmaveer Vidya Prabodhini provides platform to faculty to organize various academic activities such as Science Conference, Quiz Competition, Elocution Competition, to author reference books, member of editorial board of research journal, Science Exhibitions, etc. Teaching and administrative staff are allowed to participate in elections of Local Assembly, State Assembly and various academic bodies. Rayat Institute of Research and Development provides platform for the upcoming scientists from the faculty to become excellent researcher and guide. Management supports the faculty for active leadership in local management committee (LMC) and academic bodies of University. Prin. Dr. C. J. Khilare worked as a Dean, Faculty of Science, Shivaji University, Kolhapur.

6.1.6 How does the college groom leadership at various levels?**➤ FACULTY LEADERSHIP**

The vice-principal and HoDs are appointed on the basis of seniority. The college supports the faculty for active leadership in LMC and academic bodies of university. Goals and objectives are decided for each committee. All faculty members shoulder various curricular, co-curricular, extra-curricular and administrative responsibilities. Various faculty development programmes are organized to enhance leadership skills. Training for administrative staff is also organized to meet new challenges in office administration. Faculty with social attitude is trained as programme officer to organize various activities of NSS. Faculty with background of NCC is trained further to act as NCC Officer in college.

The faculties of the college also have represented the highest body called Management Council of University. The details of the faculties who worked in various academic bodies at University and top management are as follow:

Sr. No.	Name	Name of the Body	Year	Position held
1	Prin. Dr. Khilare C. J.	Faculty of Science, Shivaji University, Kolhapur	2010- 2015	Dean
		Senate, Academic Council, Shivaji University Kolhapur		Member
		BoS		Member
2	Adv. Jadhav S. S.	Bar Association, Dahiwadi	2013	Member
3	Sou. Waghmode S. B.	Marathi Sahitya Parishad Pune, Dahiwadi Branch	2014	Member
4	Shri. Swami S. R.	LMC, Dahiwadi College	2015	Member
5	Dr. Balwant B. S.	LMC, Dahiwadi College	2015	Member
6	Dr. Dadas A. N.	LMC, Dahiwadi College	2015	Member



7	Dr. Lubal M. J.	LMC, Dahiwadi College	2015	Member
8	Shri. Yadav D.Y.	LMC, Dahiwadi College	2014	Member
9	Prof. Shinde K. S.	Shivaji University Teachers Association (SUTA)	2016	Satara District Member

➤ STUDENT LEADERSHIP

Student representatives are incorporated into various statutory and non-statutory bodies such as Grievance Redressal Committee, Hostel committee, Library committee, IQAC, NSS, NCC, and Cultural and Gymkhana committees etc. to develop leadership among them. Students are included as members of organizing committee and volunteers in various functions. Formal representation of students where they are motivated to express their views and participate actively in the decision making process. Also the members of the Student Council of the college are provided with a number of opportunities to prove their leadership qualities. The NCC and NSS units of the college also play a vital role in leadership development by sending optimum number of cadets and volunteers to participate in leadership training programmes or international / national level activities like Youth Exchange Programms /Republic Day Parade in New Delhi.

Year	Student Name	Participation	Place
2011-12	Dhanaji Katarar	Pre-RD Camp	Aurangabad
2012-13	Balasaheb Kharat	Republic Day Parade	New Delhi
2013-14	Akash Sawant	NSS State Level Camp	Nanded
2014-15	Arjun Pawar	NIC Camp	Nagpur
	Santosh Jadhav	NIC Camp	Nagpur
2015-16	Rushikesh Pisal	Republic Day Parade	New Delhi

6.1.7 How does the college delegate authority and provide operational autonomy to the departments/ units of the institution and work towards decentralized governance system?

The college is sensitized to latest managerial concepts like strategic planning, teamwork, decision-making and computerization. The administration is decentralized at large extent. Various committees have been formed to plan and monitor the functioning of different departments of the college. The principal with the support of HoDs and various committees participate in decision-making which create an environment of organizational participatory democracy. Administrative powers and responsibilities are delegated to faculties on the basis of their experience, competence, commitment and aptitude to meet the institutional objectives.

The institute delegates authority and provides operation autonomy through various committees such as:

Name of Committee	Nature of work
Admission and Prospectus Committee	To decide the admission policies
Research Committee	To promote the quality improvement in research and



	consultancy services
Placement Cell	To organize placement camps and career counseling activities
Purchase Committee	To purchase material as per requirement.
Discipline Committee	To maintain the discipline
Library Committee	To enhance library facilities and update the study material.
Building Committee	To monitor construction activities
Examination Committee	To conduct college as well as university exams.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

Yes, the college is committed to participative management.

- The college has local managing committee which includes three faculties and one administrative staff among others. L.M.C. decides strategy for budgetary, academic and infrastructural issues and monitors the physical and academic growth.
- Academic and administrative leadership lies with the Principal. Vice Principal and HoDs shares the administrative responsibilities.
- The Principal functions through IQAC, vice-principals, Steering committee, HoDs and chairperson of every committee. Vice-principal and HoDs keep keen eye on the working of the faculty analyzing students' feedback.
- HoDs meet their faculty members as per need and decide the departmental policies.
- Co-curricular and extracurricular activities are coordinated by the faculty with the help of the representatives from student council under the guidance of the Principal.

6.2 Strategy Development and Deployment

6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?

Yes, the institution has formally stated quality policy. It is displayed on boards and website www.dahiwadicollege.in. The quality policy is reviewed through principal's visits to departments and academic audit by external agency i.e. Rayat Quality Management System.

There are internal and external stakeholders who play distinctive role in providing valuable suggestions in order to frame quality policy, additions to it and effective execution of it. The major part of the quality policy adheres to the vision and mission of the institution, which refer to higher social responsibilities of providing education to socially and economically backward classes.

The value added, skill based, job-oriented, career- oriented and applied subjects and courses are introduced at UG level. The faculties and administrative staff are encouraged to participate in various activities/programms to update their knowledge and skills, and necessary technological support is provided to them. Excellence is the watchword in all areas of curricular, co-curricular and extra-



curricular activities in the institution. It involves preplanned teaching, transparent internal evaluation, remedial coaching. Coordination among various units is sought to bring about positive result from students in sports and games, cultural activities, NCC, NSS, public speaking and academic activities.

The IQAC cell designs academic calendar at the beginning of every year to implement quality policies for students, faculty and administrative staff.

➤ **Enhancement of Students quality**

- Providing employable education
- Personality development of students leading to socially conscious citizens
- Continuous assessment of students for excellent results.
- User friendly library and well equipped laboratories with ICT facility
- Organization of expert lectures and authors' talks
- Study tours to industries and natural habitats
- Promoting excellence in education on special days such as Science Day, Geography Day, Ozone Day, Teachers' Day, Hindi Day, etc.
- Remedial Coaching and Entry in Services Scheme for socially and economically backward students
- Quality improvement committee monitors academic development of the students
- Spoken English Course at entry level, Career Fair, Household Chemical Preparation of Fruit Jam, Juice, MS-CIT course etc. for skill development
- Weekly News Bulletin and Grammar Consultancy
- Pursuing industry-institution interaction
- Field survey and research projects related to regional problems
- Rayat Talent Search (RTS) program by the parent institution for personality development
- Lead College Activity by Shivaji University Kolhapur
- Yoga course for stress management
- Short term courses and COC for career development
- Organization of campus interviews at parent institution and through Placement Cell at institution level
- Competitive Examination Guidance Centre for securing jobs in civil services
- Participation of students in Avishkar research competition at university level
- Wall paper presentation and poster presentation competition organized on Republic Day, Independence Day, Karmaveer Birth Anniversary and Teachers' Day
- Participation in Youth Festival competition at university level for cultural development of the students and for providing scope for artistic talent.



- Institution has organized various sports competitions- Marathon, Taekwondo, Kho-kho at zonal and inter-zonal level

➤ **Enhancement of faculty**

- Enhancement of overall quality performance
- Continuous faculty up-gradation
- Promoting Research and Consultancy
- Engaging faculty in visiting lectures in different schools and social programmes to create social awareness
- Faculty is encouraged to pursue research for Ph.D. and M. Phil through FDP
- Research committee motivates the faculty to undertake minor and major research projects.
- Staff Academy organizes lectures to enhance research quality.
- The college organizes lectures on stress management and celebrates International Yoga Day
- Organization of various seminars and conferences
- Provision of seed money to faculty and students.
- Provision of corpus fund for research by the parent institution
- Access to advanced research facilities
- Publication of proceedings of seminars and conferences
- Library provides e-learning resources to update the skills

➤ **Enhancement of administrative staff**

- Training programmes on software operating, admission process, AISH etc. are organized for administrative staff by the institution, parent institution and university.
- Collaborative training programmes are organized by the institution and parent institute to develop the professional skills among administrative staff.
- The parent institution, LMC and IQAC periodically review the policies and make necessary suggestions for improvements.
- The institution helps the administrative staff to update their computer knowledge.
- Social welfare department organizes workshops for staff
- Incentives and promotions are given to the staff
- Yoga for stress and time management
- Software Training Programs are conducted by the parent institution and university.

6.2.2 Does the Institution have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

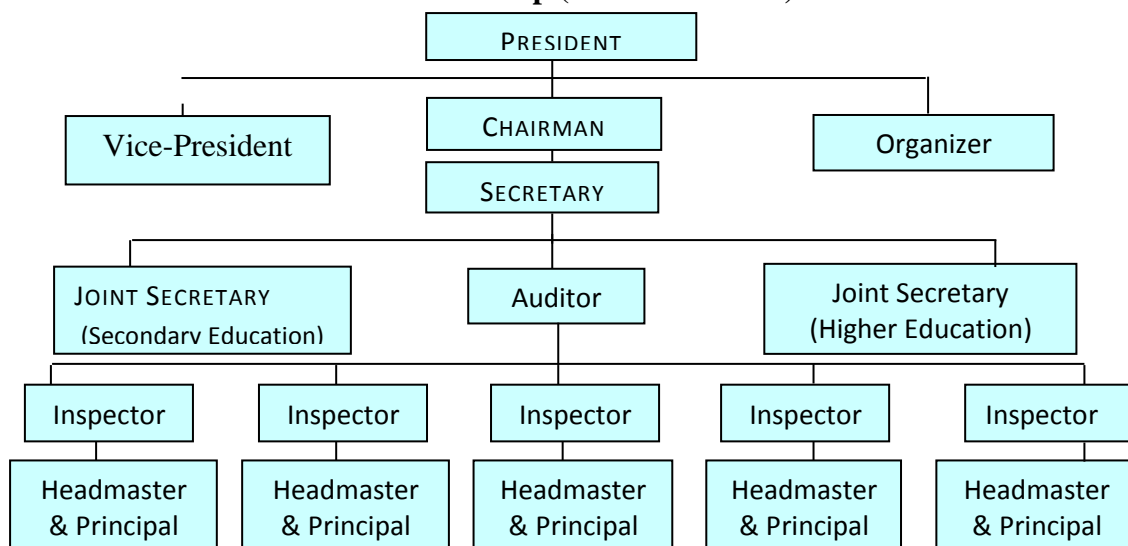
Yes, the institution has a perspective plan for development. For fulfilment of vision, mission, objectives and strategies in the areas of education, knowledge generation, management and extension, following aspects are considered for inclusion in the perspective plan –



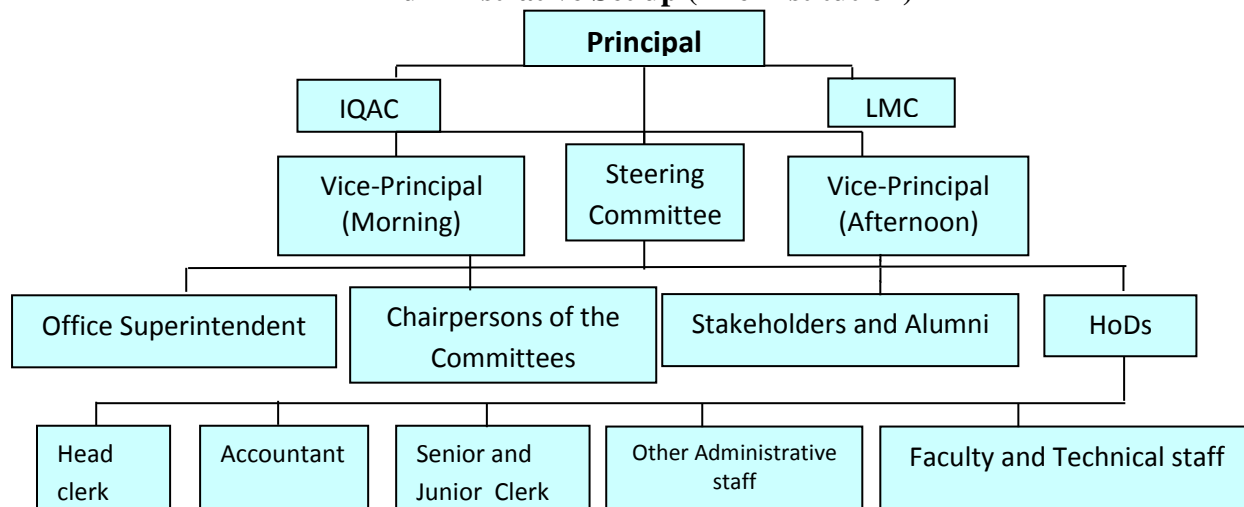
1. Sustaining eco-friendly campus development of the institution
2. Expansion of science laboratories
3. Strengthening the rainwater harvesting project
4. Strengthening of indoor and outdoor sports facilities
5. Extension of Girls' hostel and library
6. Introduction of new courses
7. Enhancement of research
8. Enhancement of students' employability
9. E-governance in admission
10. Financial resources
11. Faculty development
12. Maintenance of infrastructure and equipment
13. Construction of G+3 building on the occasion of Golden Jubilee year

6.2.3 Describe the internal organizational structure and decision making processes.

Administrative set up (Parent Institute)



Administrative Set up (The Institution)





➤ **Parent Institution Management**

- The Rayat Shikshan Sanstha is an educational institution belonging to the people, working for the people and being administered by the people.
- It has democratic administrative set-up.
- The working of the institution has been guided and patronized by the eminent dignitaries of the national and state level in their capacities as President, Chairman and Organizer.
- For the purpose of execution, the parent institution has instituted the posts of the Secretary and Joint Secretary (Higher and Secondary), the Auditor and the Regional Inspectors.
- The General Body, The Managing Council, The Executive Council, The Board of Life-Members and the Accounts Committee are the bodies which periodically and democratically settle all issues and fix policies for smooth day-to-day functioning of the parent institution.
- The internal audit of the institution is conducted by the Audit Department of the parent institution
- The parent institution has total 15 MoUs with different organizations.
- The annual budget of the college is sanctioned in the beginning of the academic year by LMC
- Principals' meet are arranged by the parent institution for excellence in education

➤ **Local Managing Committee (LMC)**

- The LMC is constituted as per Maharashtra University Act, 1994.
- The committee meets twice a year and decides strategies regarding academic issues, budget, infrastructure, etc.
- It sanctions the budget and financial statements.
- It recommends the management to fulfil teaching and other posts.
- It determines the programmes of instruction and internal evaluation and discusses the progress of studies in the institution.
- It solves teachers' grievances, if any.

➤ **Institutional Management**

- The principal discusses various issues with vice-principals, IQAC coordinator, HoDs, faculty, staff, class representatives and students regarding infrastructure, admission procedure, research facilities, discipline, academic improvement, introduction of new courses, skill development programmes, etc.
- The suggestions received are discussed in the meetings of LMC and IQAC, and strategies are decided accordingly.
- The requirement of faculty proportional to student strength is communicated to the parent institution.
- The institution appoints temporary administrative staff on daily-wages with the permission of LMC.
- The policy decisions are implemented through various committees.

➤ **Internal Quality Assurance Cell (IQAC)**

- It is constituted as per the directions by NAAC.



- It brings about coordination among all the constituents of the institution.
- It stimulates the academic environment for promotion of quality of teaching-learning process and research in the institution.
- It is a key medium through which creation, sustenance and enhancement of quality and excellence is ensured.
- The plan of action is chalked out by IQAC in the beginning of the year towards quality enhancement and the outcome achieved is reviewed at the end of the year.
- It is always in consultation with all committees, cells, HoDs regarding effective organization of various events and documentation of such events and programmes.
- The IQAC organizes professional and personal development programmes for both the faculty and the students.

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following:

➤ **Teaching and Learning**

- The institution prepares academic calendar well in advance before the commencement of academic year.
- Every faculty prepares academic plan and maintains the academic diary for quality improvement.
- The teaching learning process is supported by the use of ICT, e-laboratory, Wi-Fi.
- The institution organizes and encourages faculty to participate and present papers in various seminars, conferences and workshops regularly.
- Departments organize students' seminars, projects, field visits, educational tours, group discussions, demonstrations, guest lectures, etc.
- The faculties are motivated to prepare resource material for teaching.

➤ **The institution deposes faculty to attend Orientation/Refresher courses, and training programmes to update their knowledge.**

- The institution also makes enrichment of library and laboratories with the support of various funding agencies and stakeholders.
- Feedbacks are taken from the stakeholders for improvement in teaching learning process.
- The institution has made more MoUs/Collaborations/Linkages with various organizations and parent institution has MoUs with various national and international institutions and industries
- Under the skill development and value added programme, the institution has introduced 7 COCs and 8 different short term courses.
- The meritorious students are felicitated by giving cash prizes.
- The institution has well experienced faculty members that have made significant contribution to curriculum restructuring, syllabus revisions, paper setting, assessment and moderation at the university and institution level.



➤ **Research and Development**

- Teachers are encouraged to undertake minor and major research projects. The faculty members have completed 01 Major and 17 Minor Research Projects during the last five years and UGC has sanctioned 04 more Minor Research Projects. Research committee co-ordinates the preparation and submission of proposals.
- Deputation of faculty for Ph.D. under FIP– Dr. Khetre S. M.(Chemistry 2009-10), Dr. Lokde B. S. (English 2012-14) and Prof. Pawar S. N. (Geography 2014-16). At institution level, special assistance is provided to pursue Ph.Ds to the faculty - Dr. Balwant B. S. (Hindi, 2014), Dr. Gaikwad V. P. (Geography, 2015) and Dr. Dadas A. N. (English, 2015), Dr. A.S. Bhagwan.
- The institution has received Rs 50 Lakh funds from DST, Government of India for the development of science laboratories.
- Provision of seed money and corpus fund is made available to staff for attending and paper presentation in conference, seminar and workshops
- Enrichment of library with latest books, periodicals and research journals, e-resources and equipments are augmented. INFLIBNET facility is provided to promote research environment.
- The college has University recognized research laboratories for M. Phil. and Ph.D. in Botany and Chemistry.
- There are seven recognized Ph. D. guides- Prin. Dr. C. J. Khilare, Dr. D. D. Namdas, Dr. K. M. Bhise (Botany) Dr. S. M. Khetre, Dr. D. V. Jagtap (Chemistry), Dr. M. J. Lubal (Zoology), Dr. R. R. Mulla (Hindi). Under the guidance of Dr. C. J. Khilare two students have been awarded Ph. D. and 4 are pursuing their doctoral research. Under the guidance of Dr. S. M. Khetre 4 students are doing their Ph. D. research.
- Teachers are encouraged to secure recognition as research guides from university.
- Teachers and students are encouraged to attend and participate in seminars, conferences, AVISHKAR research competition at university level and financial support is given to them.
- Organization of state and national level seminars and conferences.

➤ **Community engagement**

The institution makes continuous efforts for the community engagement in quality improvement by organizing extension activities through NSS, NCC, cultural activities, alumni association, Jagar Janivancha, Yuva Jagar Abhiyan, Vivekvahini, and various outreach programmes. There is representation of community on the committees like IQAC, LMC etc. The institution also allows utilizing its facilities by the GOs, NGOs, and community at large.

- Library provides its services to senior citizens and other people outskirts of the society.
- Through NSS special camps, the institution engages society in various social activities.
- Tree plantation, blood donation camp, Hemoglobin checkup camp and free health



check camps are organized in NSS special camps.

- The organization of ‘*Jagar Janivancha*’ campaign is an initiative to save girl child and negate female feticide.
- Organization of various days like Swachha Bharat Campaign on 2nd Oct. and Yoga Day on 21st June, etc. to inculcate cultural, health related and ethical values.
- Collaborative activities like AIDS and Voters’ Awareness Programmes, Save Baby Girl Campaign, etc. are organized for the community engagement.
- Institution has constructed girls’ hostel having capacity of 70 girls.
- Staff contributes relief fund to the drought affected people providing drinking water, cattle feed etc.
- Help is provided to schools from rural areas in the form of furniture, building material, computers, educational material like chemicals and glassware, etc.
- Soil and water analysis for farmers
- Provision of community related consultancy services such as sericulture, vermicomposting, soil and water analysis, shed net techniques, etc.

➤ **Human Resource Management**

- Teaching and administrative staff is recruited by parent institution as per Government rules and regulations.
- Staff welfare committee organizes motivational talks.
- Recruitment and retention of devoted faculty and staff with desired qualification, knowledge and skills.
- Provision of well-maintained and functional office, infrastructure and other space to carry out the work effectively.
- Personality development training, development of research skills, training for disaster management.
- The institution seeks feedback from its stakeholders to evaluate the performance of its human resource.

➤ **Industry interaction**

- Interactions with industries have been made regularly to bridge the gap between theory and practice.
- Students from BCA, Commerce and Science visit the neighboring industries
- Interaction with various banks and industries for placements.
- Total 201 students have got placement through campus interviews.
- The institution provides opportunity of industrial training to the students (WIPRO, TCS).
- Human Resource Officers from various industries provide guidance to students.

6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?

- The institution involves all stakeholders in effective feedback mechanism.
- Feedback from students of final year of B.A., B. Com., B. Sc. B.C.A., and M.Sc.



- The institution receives feedback on various issues related to teaching, learning, library services, campus experience, hostel services, curricula, etc. from the stakeholders.
- Principals' frequent interactions with chairmen of different committees and HoDs bring his idea about teaching and learning process on the campus and also enables him to instruct the faculty in proper manner.
- The principal informs to steering committee the major issues from the feedback analyses to the top management and he ensures that positive decisions are taken.
- All the heads of departments, the chairpersons of various committees report about their departmental working and activities to the principal. This report is made available to LMC and top management.
- The institution informs to the top management regularly regarding its working through e-mail reports.
- Biometrics system is installed to register the incoming and outgoing of employees.
- The principal seeks adequate information from stakeholders through the meetings of LMC, IQAC, steering committee, alumni, parents meet and forwards it to the top management.

6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?

- The management and principal encourage the faculty and staff by awarding them Karmaveer Puraskar, Rayat Mauli Puraskar, Adarsh Rayat Sevak Puraskar, Adarsh Sevak Puraskar, Rayat Inspire Award, Yashwantrao Chavan Best Teacher Award, Laxmibai Patil Award, Barrister P. G. Patil and Sumtibai Patil Best Teacher Award, Best Teacher Award, Best Reader Award, etc.
- The management and principal support and encourage the involvement of faculty deputing them for Ph.D., M. Phil., Refresher and Orientation Courses.
- The management also motivates and supports the faculty to attend the national and international seminars and conferences.
- Principal motivates the faculty for undertaking minor and major research projects.
- The management and principal encourage the administrative staff for attending seminars and workshops arranged in other institutions and universities.
- Faculty are given opportunity to express their views in policy making.
- Both teaching and non-teaching staff are incorporated in LMC and IQAC.
- Deserving and devoted faculty members are given various positions in the administration.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

Resolutions made by Local Management Committee in the year 2015-16

**Date of Meeting – 1/4/2016**

Sr.No.	Resolutions	Status
1	Congratulation of Hon. Dr. Anil Patil, Chairman, Rayat Shikshan Sanstha Satara for receiving 'Satara Bhushan Award' and for being awarded 'Life Time Achievement Award' by Z-24 Channel and also Congratulation of Hon. Dr. N. D. Patil and Sou. Saroj N. Patil for being awarded 'Karmaveer Award' by Karmaveer Bhaurao Patil Urban Credit Co-operative Society, Pune.	Approved
2	Sanction of expenditure for purchasing 100 new desks, 6 beds for changing window pans and for furniture in cultural hall	Sanctioned
3	Approval to refilling of 3 borewells in college campus by digging ditches near them.	Approved
4	Sanction of expenditure for purchasing lab instruments, chemical, glass weight and equipment for Junior college, science department.	Sanctioned
5	Sanction of expenditure for of Rs. 20000/- for installing LED bulbs in college campus for energy conservation.	Sanctioned
6	Sanction of expenditure of Rs. 75000/- for water supply to trees and buildings in college campus by tankers.	Sanctioned
7	Approval to expenditure of Rs. 50 Lakhs grant under DST-FIST	Approved
8	Sanction of Rs. 10 Lakhs grant for Soil and Water Analysis Course under UGC-Cop	Sanctioned
9	Approval to fixed deposits of Rs. 2,71,000/- as a seed money for research activities by teaching staff.	Approved

Resolutions made by Local Management Committee in the year 2015-16

Date of Meeting – 29/09/2015

Sr. No.	Resolutions	Status
1	Proposal for new divisions to be submitted to the government.	Approved
2	Sanction of expenditure for Competitive Examination Guidance Centre and Dahiwadi College Pattern (DCP)	Sanctioned
3	Approval to repairing and new purchase of furniture for various departments.	Approved
4	Congratulation of teaching and administrative staff for donating 25% of monthly salary for construction of Golden Jubilee Building and for collecting Rs. 10 lakhs as donation for college during Golden Jubilee Year.	Approved



5	Congratulation of Associate Professor Dr. A. S. Bhagwan for depositing Rs. 2 lakhs as seed money for research activities and for Academic Awards.	Approved
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6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?

The issue of autonomy was discussed in LMC and it was resolved to submit proposal for autonomy.

6.2.9 How does the Institution ensure that grievances/complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?

- The institution has established an active Grievance Redressal Cell for promoting better stakeholder relationship.
- Grievances from students are received through suggestion box, applications and personal communication with faculty, feedback forms, HoD and principal.
- Personally communicated grievances are properly resolved on the spot.
- The grievances are discussed and resolved during the meetings of Grievance Redressal Cell.
- Majority of grievances regarding teaching and administrative staff, if any, are also redressed in an amicable way by the Grievance Redressal Cell.
- The following committees assist the Grievance Redressal Cell:
 - Anti-ragging Committee
 - Anti-sexual Harassment Committee
 - BC Cell
 - Nirbhaya Squad by the Police Station
 - Tutor-ward Scheme
 - Student Council
 - LMC

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institution? Provide details on the issues and decisions of the courts on these?

There is no single instance of court case filed by or against the institute.



6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?

Yes, at the end of the academic year the institution takes feedback from the students of final year. The principal counsels to staff for their improvement. Faculty and staff are also appreciated for their distinguished performance assessed by students.

After receiving the suggestions from the students through feedback, following steps are taken:

- Open access to library to final year students, PG and differently-abled students
- OPAC facility is made available in library.
- Constructed new toilet blocks
- Financial help to needy students
- Provision of Cycle Bank
- Created seating arrangement for lunch
- Concession in non-grant admission fee
- Purchasing of sport equipments
- Updating office services
- Installment of water purifiers for providing clean and pure drinking water
- Organizing campus interviews by the Placement Cell
- Wi-Fi network

6.3 Faculty Empowerment Strategies

6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and administrative staff?

The institution takes all possible initiatives to enhance the professional development of its teaching and administrative staff. Following are some of the major efforts:

FOR TEACHING STAFF:

- Management and principal support and encourage the involvement of faculty in research by deputing them for Ph.D., M.Phil. under FDP.
- Top management has founded Rayat Institution for Research and Development (RIRD) to promote research activities.
- Karmveer Vidya Prabodhini, an academic body of parent institution, publishes a bi-annual research journal 'Trajectory' to motivate the teaching faculty to publish research papers.
- The institute also motivates the faculty to attend the national and international conferences and present their research work.
- The institute encourages the faculty to attend the orientation/refresher



programmes, and short-term courses.

- The principal motivates the faculty for undertaking minor and major research projects.
- All departments are encouraged to organize seminars and workshops.
- All departments have advanced computers, LCD projectors, broad band internet connectivity, Wi-Fi, etc. to support teaching.
- Seed money is provided to faculty for research.
- Botany and Chemistry research labs have been established by the institution for doing M. Phil. and Ph.D. to promote quality research.
- Staff Academy and Research Committee give opportunity to staff for presenting research papers and organize guest lectures.
- The institution makes student satisfaction survey, parent satisfaction survey and informs the faculty their performance appraisal report.
- The institute provides e-resources to the staff to update their knowledge

FOR ADMINISTRATIVE STAFF:

- Management and principal encourage the administrative staff to attend skill up-gradation programmes in other institutions and university.
- The top management has also organized tally, office software, and library training programmes.
- The institution has organized training programme for administrative staff to upgrade their skills.
- The Best Employee Award is given by the institute every year.
- The department of B.C.A. provides all technical support to the administrative staff.
- There is an MS-CIT centre in college for computer literacy of the staff.

6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?

- Infrastructural development- research lab, sport, laboratory, library
- Budgetary provision for financial assistance
- Laboratories setup
- Software up gradation – auto-cad, others
- The institution purchases new books, research journals, periodicals and e-resources for its library and provides environment for advanced learning.
- It also promotes enrichment of departmental library.
- It arranges lectures of eminent national and international academicians for faculty and staff and facilitates interaction with them.
- It provides well established research laboratories to faculty for undertaking research projects of various agencies including UGC, DST, and DBT etc.



- It has made provision of 'Best Teacher Award' for faculty.
- It provides information about various academic activities like conferences, seminars, workshops through departmental notices.

Following training programs were arranged for empowerment of employees:

Name of Employee	Designation	Title of Training	Organizer
Shri. Shinde K.S.	Senior Clerk	MKCL Online Software DUDC Project	Shivaji University Kolhapur
Shri.Shinde K.S.	Senior Clerk	Workshop on Higher Education Survey in India 2014-15	Dahiwadi College Dahiwadi & Shivaji University
Shri. Shinde K.S.	Senior Clerk	Examination Reforms and Accountability	Shivaji University, Kolhapur

6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.

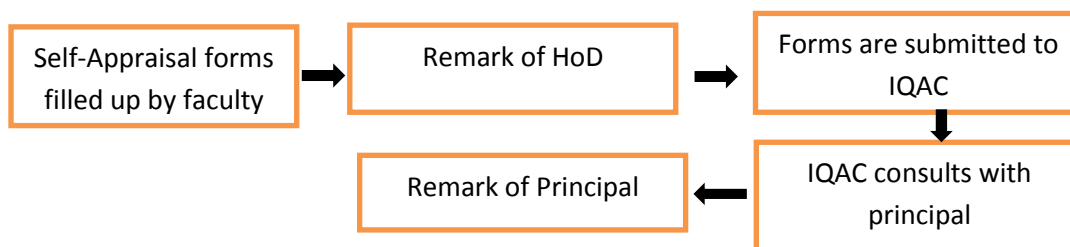
Evaluation of faculty by the IQAC and principal is done on the basis of following criteria-

- Teaching and Learning
- Co-curricular activities
- Research contribution
- Extension activities

For this evaluation:

- Self-appraisal and academic performance indicator forms are submitted by faculty.

Flow chart showing performance appraisal system



- The Principal communicates the feed-back received to the faculty concerned and reviews his/her performance at personal meeting. Principal makes suggestions to faculty and staff for their improvement. They are also appreciated for their distinguished performance assessed by students.
- Academic diary is maintained by each faculty member that reflects their overall planning and performance during the academic year.



6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?

Outcome of the review of the performance appraisal reports

- Improvement in teaching- learning process
- Improvement in students' result
- Short term courses are introduced and infrastructural grants are received
- Organization of lecture series by the Staff Academy
- More focus on teaching learning process and research
- The talent and shortcoming of staff are identified through appraisal reports.

Major Decisions taken

- Submission of proposal for Minor/Major research projects is made compulsory for each faculty.
- Felicitation of teachers for outstanding performance:

Year	Name of employee	Details of performance
2011-12	Dr. A. N. Dadas	Paper presentation in international conference
	Dr. S. M. Khetre	5 papers published in international journals
2012-13	Dr. S. M. Khetre	Recognition as research guide
	Dr. N. K. Patole	Major research project sanctioned by UGC
	Mr. DilipYadav	Best Employee Award
2013-14	Dr. S. S. Taware	Ph. D. Awarded
	Shri. A. S. Alekari	Best Teacher Award
2014-15	Dr. D. D. Namdas	FISURYA Award
	Dr. B. S. Lokde	Ph. D. Awarded
	Dr. V. P. Gaikwad	Ph. D. Awarded
	Dr. A. U. Chopade	Best Teacher Award
	Mr. Satish Kambale	Best Employee Award
2015-16	Dr. A. N. Dadas	Ph. D. Awarded, Best Teacher Award
	Dr. Kushal Raut	Ph. D. Awarded
	Mr. S. S. Soundade	Best Employee Award

- Suggestions are communicated to the concerned faculty for improvement through departmental meetings.

6.3.5 What are the welfare schemes available for teaching and non-teaching staff? What Percentage of staff have availed the benefit of such schemes in the last four years?

The management of the parent institution and the college has several welfare measures for the wellbeing of teaching and administrative staff.

Welfare measures by institution:

- Advanced payment is granted to staff and faculty to meet emergency situation expenses
- Faculty and staff members raise staff welfare fund
- Seed money for research paper presentations is provided to faculty.
- The institution sanctions duty leave for orientation, refresher courses, seminars,



conferences and workshops, etc.

- Staff welfare committee contributes to the needy employees and felicitates them for their achievement.
- Felicitations of staff at prize distribution ceremony.

Welfare measures by Management:

- The Rayat Sevak Co-operative Bank established in 1940 by our parent institution has over 15000 shareholders. The bank provides different type of loans for permanent faculty and staff such as Personal loan, Festival loan, Housing loan, Vehicle loan, Gold security loan, Educational loan, Loan on fixed deposit in minimum interest rates as per the norms of RBI.
- Attractive schemes of fixed deposit like Shubh Mangal Yojana, Laxmi Dhanvardhini Yojna, Karmaveer Cash certificate etc. are offered by the bank.
- There is Laxmibai Sahakari Patpedhi (co-operative society) founded by late Dr. Karmaveer Bhaurao Patil on 03/12/1957. This Patpedhi provides educational loan for the wards of faculty and staff at low interest.
- Faculty and staff can seek medical aid under Rayat Sevak Welfare Fund
- Monetary help can be sought through Family Welfare Scheme
- Loan waver scheme for deceased staff
- All the above mentioned provisions made by institution and management help to improve staff well-being and satisfaction. All faculty and staff members are benefited by these welfare schemes.

6.3.6 What are the welfare schemes available for teaching and non-teaching staff? What Percentage of staff have availed the benefit of such schemes in the last four years?

- Principal recommends to management for retaining staff with better performance in education and administration.
- Retired eminent teachers are also retained as visiting faculty.
- The institution pays attractive salary for faculty of self-finance courses.
- The recruitment policy of management is highly appreciated by the government.
- The management includes various sections of society and is known for its democratic values.
- The institution follows the rules and regulations of the government.
- It has motivating management
- The best institution in drought belt
- The result, research and campus of the institution are excellent.
- Quality consciousness
- Faculty citations, patents, H-index
- Modern and well-equipped laboratories
- Healthy and eco-friendly campus.
- Avishkar, Adwait, Youth Festival



6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?

The institution has following mechanism to monitor effective and efficient use of available financial resources:

- (i) Provisionary budget prepared by steering committee
- (ii) Sanction of budget by LMC
- (iii) Approval from parent institute
- (iv) The utilization of sanctioned budget is monitored by LMC
- (v) Internal audit by the audit department of parent institute and annual audit by government agencies.
- (vi) Purchase committee looks after quotations and tenders.
- (vii) Audit department of parent institute monitors entire business of financial permissions and its appropriate utilizations.

6.4.2 What are the institutional mechanisms for internal and external audit?

When was the last audit done and what are the major audit objection? Provide the details on compliance.

Prior to external audit, our parent institution i.e. Rayat Shikshan Sanstha conducts internal audit twice a year which helps to prepare for the external government audit. During this internal audit the auditor emphasizes on the following-

- Due to proper utilization of UGC grants, the college received NOCs of all the schemes for 11th Plan.
- Book keeping of accounts as per the govt. rules
- Proper purchase mechanism
- Sanction of leave as per govt. rule
- Proper maintenance of service record of the employee
- Audit note (if any) is compiled within stipulated time.

Mechanisms for Internal and External Audit:

- Internal Audit by the audit department of parent institution.
- Audit by the competent chartered accountant firm.
- Audit by Joint Director and Senior Auditor of Higher Education, Kolhapur and Accountant General (A.G.), Mumbai
- The last audit for the financial year 2015-16 was done on **18th July, 2015.**

Major Audit Objections:

There are no major objections noted by auditing agencies. However, compliance of minor queries is fulfilled before next audit.

6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and the reserve fund/corpus available with Institutions, if any.



Important Grants Received in Last Four Years-



Year	Particulars	Audited Income	Expenditure
2011-12	1) Salary Grants	3,20,59,103/-	32,31,3469/-
	2) UGC Grants-		
	• Merge Scheme		1,25,554/-
	• Minor Research Project	425500/-	1,26,000/-
	• Career Oriented Grants	21,60,000/-	-
	• Seminars (Economics)	-	52,153/-
	• Watershed Management	-	2,77,901/-
	• Botany Research Lab	77,500/-	72,93,37-
	• Zoology Lab	2,50,000/-	6,02,237-
	• Ladies Common Room & Toilet	1,00000	3,07,867-
	• Arrears History Seminar	45,000	-
	• College Development	-	1,43,202/-
	• Sports Infrastructure and equipment	-	5,01,049/-
	• Indoor sports complex	-	35,41,991/-
	• Ladies Hostel Building	-	60,04,76/-
	• Additional Grants	-	17,57,949/-
	3) 6 th Pay Difference	1,00,400/-	1,00,400/-
4) Medical Reimbursement	93,204/-	93,204/-	
5) Fee Grant	4,63,454/-	4,63,454/-	
Total Grant	35774161/-	41736243/-	
2012-13	1) Salary Grants	3,78,08,219/-	3,51,62,799/-
	2) UGC-	2,63,032/-	2,03,032/-
	• Minor Research Project		
	• Seminars (Geography)	70,313/-	96,100/-
	• Seminars (Economics)	22,500/-	-
	• Biotechnology	-	6,25,018/-
	• Yoga Studies	-	1,69,703/-
	• Tally	-	2,85,100/-
	• Watershed Management	-	2,13,444/-
	3) 6 th Pay Difference	25,41,337/-	25,41,337/-
	4) Medical Reimbursement	-	-
	5) Fee Grant	55,534/-	-
Total Grant	40760935/-	39296533/-	
2013-14	1) Salary Grants	3,44,62,668/-	3,38,52,278/-
	2) UGC-		
	• Minor Research project	1,65,000/-	2,91,800/-
	• Seminar	2,12,000/-	-
	• Biotechnology	-	26,156/-
	• Yoga Studies	-	58,480/-
	• Tally	-	69,200/-
	• Watershed Management	-	40,909/-
	3) 6 th Pay Difference	1,44,63,748/-	1,51,32,750/-
4) Medical Reimbursement	43,423/-	43,423/-	



	5) Fee Grant	11,65,533/-	11,65,533/-
	Total Grant	50512372/-	50680529/-
2014-15	1) Salary Grants	3,44,49,860/-	3,49,65,947/-
	2) UGC		
	• Minor Research project	22,500/-	4,05,000/-
	• Scholarship	25,33,943/-	31,39,093/-
	• Biotechnology	-	1,48,409/-
	• Yoga Studies	-	78,138/-
	• Tally	-	94,825/-
	• Watershed Management	-	30,750/-
	3) 6 th Pay Difference	5,18,060/-	38,33,19/-
	4) Fee Grants	73,465/-	73,465/-
	Total Grant	37597828/-	39318946/-

Major sources of institutional receipts/funding

- Salary and non-salary grants from state government
- Grants from UGC
- Research grants from DST
- Contribution from Alumni
- Fees of EBC students from State Government
- Fees from non-grant courses
- Generally institution receives adequate funds from various agencies to cover its expenses. However, deficit, if any, is managed with the help of parent institution.
- Corpus fund
 - General Fund- **Rs: 2,50,186/-**
 - Fixed Deposit- **Rs: 5,00,000/-**

6.4.4 Give details of the efforts made by the institution in securing additional funding and the utilization of the same (if any)

- From parent institution- Rs. 46,07,852/-
- The fees collected from self-funded courses in 2015-16

Courses	Amount in Rs.
P. G. Course	12, 30,000/-
Senior Non-grants	37, 59,645/-
Professional U.G Course	9,06,185/-
Competitive Examination Centre	3,50,000/-
Short term courses	70,800/-

All funds collected are utilized as per budgetary provisions and its report is maintained regularly.



6.5 Internal Quality Assurance System (IQAS)

6.5.1. Internal Quality Assurance Cell (IQAC)

- a) **Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', how is the institutional policy with regard to quality assurance and has it contributed in institutionalizing the quality assurance processes?**

Yes. The IQAC is established on 26th June 2006. A dynamic IQAC of the institution draws a blue print of the activities to be carried out. The institutional policy regarding quality assurance is -

- To realization predefined objectives
 - To sustain and enhance the quality of teaching, learning and evaluation
 - To guide to stockholders to contribute national development
 - To inculcate social values
 - To develop research culture in the campus
 - To motivate faculty to provide consultancy services
 - To opt better co-ordination improving governance
 - Academic Audit :
 - i) RQMS
 - ii) Karmaveer Paritoshik Committee
 - iii) Joint Director: (Heads Counting/soi-suvidha)
- b) **How many decisions of the IQAC have been approved by the management/authorities for implementation and how many of them were actually implemented?**

The management approves almost all the decisions of the IQAC. The IQAC contributes in institutionalizing the quality assurance process by preparing the academic calendar at the beginning of every academic year, conducting meetings of heads and chairpersons of various committees frequently.

The decisions taken by IQAC & approved by management during 2014-15:

Sr. No.	Decisions of IQAC approved by management	Status
Academic		
1	Proposals for additional divisions	Applied
2.	PG in Hindi and English	Applied
Infrastructure		
3	Golden Jubilee Building	Applied/Started
4	Fifty beds sports hostel	Applied
5	Outdoor stadium near Kanya School	Applied
6	Increase in Rainwater harvesting	Implemented
Research		
1	Organization of Avishakar	Organized
2	Seed money for paper publication	Implemented
3	Establishment of CFC	Implemented
Organization of seminars		
10	District level Youth Festival	Approved /organized
11	Workshop on Traditional Arts	Organized



12	Lecture series by SUK	Organized
13	University level sports competition	Organized
14	National Seminars – Physics, Chemistry	Applied
Library		
15	Organize state level seminar	Approved
16	New Schemes: Donations of Books on birthday	Approved
17	Completion of computerization of Library	Approved
Suggestions		
18	Focus on research section in the institution	Approved/ Improved
19	Send maximum proposals to UGC for financial assistance	Implemented
20	Plan to prepare SSR to face third cycle	Implemented

c) Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

Yes. There are some external members on IQAC who actively participate in the working of IQAC:

Sr. No.	Name of External Member	Significant contribution
1	Dr. Yedage P. R. (Farm Manager Ahilyabai Holkar Goats and Sheep Development Corporation Ltd.)	1. Signed MoU with Meshpalan Center 2. Guided Students, Staff and Stakeholders 3. Gave hands on training to the students in the centre
2	Shri. Narayanrao Mane (Social Worker)	1. Guided regarding the increase in infrastructure 2. Counseling to stakeholders
3	Shri. Sunil Jadhav (Businessman)	1. As an alumni asked to take care of health and hygiene 2. Donated Rs. 5 Lakh to make institution campus ecofriendly

d) How do students and alumni contribute to the effective functioning of the IQAC?

One student representative and one alumnus are included in the IQAC who serve as the bridge between the IQAC and the student community. The students are participating in the IQAC process through

- Feedback on teaching learning process and teacher evaluation
- Helping in organization of programmes like conferences, seminars and quiz contests.
- Feedback and suggestions on the institutional processes and practices.
- Involvement in the best practices of institution.

The reforms suggested by the alumni during the alumni meet are communicated to the IQAC through the alumni representative of the IQAC committee. This helps the IQAC to take decisions for the benefit of the students. Alumni also render their valuable services to the institution by instituting various prizes and delivering lectures



occasionally.

e) How does the IQAC communicate and engage staff from different constituents of the institution?

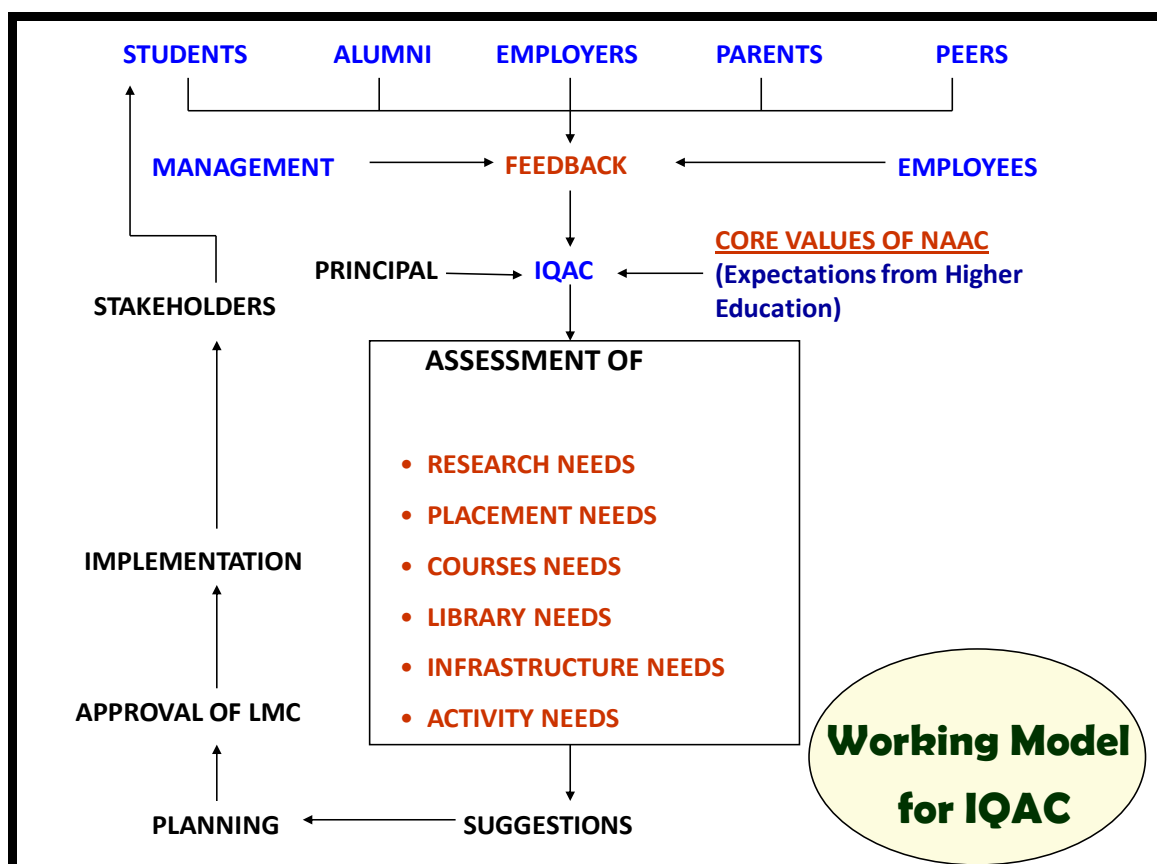
- The IQAC forms various committees at the beginning of academic year. Chairman of each committee is asked to prepare annual plan of action.
- The IQAC takes a review of the progress of each department and committee visiting either the place or calling the head.
- The AQAR of each year is prepared with the help of faculty members and administrative staff as well as other stakeholders.

The IQAC engages staff by asking them to organize various activities useful to sustain and enhance the excellence of the concerned department such as: Quiz contest, Parents meet, Staff academy lectures, Avishakar (Research Presentation), Weekly News Bulletin, Rayat Talent Search (RTS), Lead College activities, Alumni meets, Cultural activities, Sports activities, Language Association.

6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalization.

Yes.

The institution has an integrated framework for quality assurance of the academic and administrative activities. The IQAC plays a major role in quality assurance and enhancing excellence through collecting feedback from all stakeholders. The management also plays a key role in quality assurance of the institution by institutionalizing RQMS, the panel of peers to enhance quality assurance and sustenance.



6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.

Yes, the institution provides training to staff for effective implementation of quality assurance procedures. The institution takes the following measures:

- Organization of workshop on draft syllabus
 - Organization of state and national conference and seminars for interaction of faculties with renowned personalities.
 - Organization of staff academy lectures.
 - Organization of workshop for administrative staff.
 - Participation of administrative staff in workshops related to use of software and ICT.
 - Instituting the best administrative staff award and Ideal Teacher Award
 - Avishakar Research Competition
 - Two Seminars funded by NAAC
 - Workshop for Administrative Staff on AISHE
- The impact of these measures is reflected in:**
- Awareness regarding duties in order to quality of work.
 - Manifold increase in research activity.
 - The number of MRPs and Ph. D. holders increased.
 - Prompt and quality service by administrative staff.

6.5.4 Does the institution undertake Academic Audit or other external review of the



academic provisions? If ‘yes’, how are the outcomes used to improve the institutional activities?

Yes, the institution carried out the academic audit of each department separately through Rayat Quality Management System (RQMS - A panel appointed by the management). The panel of three members has made some suggestions based on SWOC analysis that are used to improve the institution activities. The outcome of audits is definitely useful to improve the overall activities of departments and administrative working. Some of the outcomes of audits are as follows:

- Improvement in results (higher than university results)
- Promotion of research (DST: 50 lakh)
- Infrastructural development (Indoor Sports Complex, Basket Ball Court)
- Benchmarking (IQAC organized two National Seminars)
- Periodical review (MoUs increased)
- Preparation of and implementation of action plan for all activities
- Interdisciplinary Short Term Courses: number increased
- Establishment of Commerce lab

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/ regulatory authorities?

The internal quality assurance mechanism is designed in order to maintain the quality as per the framework of external regulatory authorities such as -

- RQMS: A panel appointed by the management for the Academic and Administrative Audit (AAA) that provided one page report based on SWOC analysis.
- University: Shivaji University appoints various committees every year for different purposes and that committees set conditions that are to be fulfilled by the institution. (LIC for new courses, COCs, Research labs, P. G. Diploma, etc.)
- NAAC: The institution tries to carry out the suggestions given by NAAC peer team at the time of reaccreditation.

Thus, the internal quality is ensured with the help of external agencies.

Report given by RQMS (2014-15)



Rayat Shikshan Sanstha, Satara
RQMS Peer Team Report
Assessment Year 2013-14

Name of the College : Dahiwadi College, Dahiwadi
Name of the Principal : Prin. Dr. Khilare C. J.
Date of Visit of RQMS Peer Team: 09.01.2015

Section	Information
1) Institutional Strengths	Organization of Seminar / Conferences. Add on courses & Self financing courses. Research Centers Well equipped science labs Tie up with flora and fauna - International Academic Circle. Environmental Consciousness
2) Institutional Weaknesses	Record of Placement Cell. Library Ventilation & space. Office administration Less number of faculty availing FIP fellowships.
3) Institutional Challenges	N.C.C. Girls unit Conversion of all Department of Magazine
4) Institutional Opportunities	Attempt of ISO Books contribution. CGPA – 2.73 be increased above 3. Tin roof water harvesting. Participation in syllabus framing.
5) Compliance of Recommendations given by NAAC peer team	Out of 10 recommendations, 7 are fulfilled & 3 recommendations are Partially fulfilled.
6) Recommendations of RQMS Peer team.	100 % teacher should have minor / major project & Ph.D. Consolidation evaluation system. P.G. in Humanities be started. Infrastructure for humanities be enhanced. Increase number of research guides. Consultancy / Outreach Programmes for Humanities & Commerce faculty.. Uniform for all.

Signature of the Head of the Institution
DAHIWADI COLLEGE, DAHIWADI
TAL. MAN. DIST. SATARA

Sr. No.	Name of the RQMS Peer team members	Capacity	Signature
1.	Prin. Dr. Ronge P.T.	Chairman	
2.	Prin. Dr. Gosavi S.N.	Member / Principal	
3.	Prof. Dr. Mane S.S.	Co-ordinator	

Place :
Date :

6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

The institution has an extensive mechanism for the continuous review of teaching, learning process. These mechanisms work at various levels –

- **Institution Level:**

- Frequent meetings of principal with Steering Committee, Quality Improvement Committee and HoDs.
- HoDs present reports about the activities.
- Monitoring and follow up of academic calendar.
- Planning, implementing and reviewing of teaching learning and evaluation activities like mid-term tests, unit tests, tutorials, seminars, project work, etc.

- **Staff meetings :**

Principal meets with staff are organized twice in a term - at the beginning and at the end of each academic term. In the



beginning, principal discusses with the staff regarding planning for teaching-learning activities. At the term-end meeting principal takes review of the term work and asks to submit syllabus completion reports.

- **Departmental meeting:**
- **Methodology :**
 - HoD gives remarks to his/her assistants.
 - Faculty in charge / vice-principal gives remarks to the HoDs.
 - Principal gives remarks to the vice-principals.
- **Review through feedback :**
 - The college takes students' feedback regarding teaching of faculty through suggestion box, feedback forms and interaction with students.
 - Meeting of principal is held with chairpersons of various committees related to attendance, time-table, study tour, etc.
- **Outcomes:**
 - Improvement in the university results.
 - Increase of meritorious students in the university results
 - Progression of students from UG to PG has been increased
 - Good performance in the cultural, sports and extension activities.
 - Enrichment of library.
 - Up gradation of labs using fund from DST.
 - Research: MRPs, Ph.Ds, patents, publication number is increased.

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The institution communicates its quality assurance policies, mechanism and outcomes to various internal and external stakeholders regularly. It is communicated through:

- Principal's address and interaction
- Website
- Display on boards
- Curricular, co-curricular and extra-curricular activities
- Parents and alumni meetings
- Cultural and social values are inculcated among students through NCC, NSS and Vivekvahini
- College prospectus
- **Students** – Principal holds meeting with student council to discuss regarding the quality policies. Principal guides students in 'Principal's Address' and communicates them quality assurance policies. Faculty also gives information regarding quality policies to students in classrooms and through notice boards.
- **Parents**- Institution communicates quality assurance policies through website and parents' meet. Principal meets the parents personally and gives suggestions regarding poor performance of their wards. HoDs and



faculty members also ask the parent to meet to know about the progress of the students.

- **Alumni** – Alumni meets at least twice in a year and principal communicates them regarding quality assurance policies.
- **Society** – Society gets information regarding development and progress of the institution through social media and institution website. Institution organizes different activities related to society through NSS and NCC.
- Quality policies are displayed in each department and it is communicated to the various internal and external stakeholders through:
 - Interactive meetings of principal and HoDs with students, parents and alumni.
 - Institution Annual ‘Adwait’
 - Prospectus
 - Website
 - Social media
 - Various functions



CRITERION - VII: INNOVATIONS AND BEST PRACTICES

7.1 ENVIRONMENT CONSCIOUSNESS:

7.1.1 Does the institute conduct a green audit of its campus and facilities?

- Yes, the institute conducts green audit of its campus and facilities
- It also conducts water audit. The department of Chemistry conducts the water audit every year. It includes tracking, assessing and validating all components of flow from distribution system into the consumer's properties. Water audit of campus aims at the quality of drinking water as well as of water used for domestic, laboratory, gardening, sanitary and landscaping processes.
- Energy Audit: The department of Physics conducts electric audit as a part of energy audit. Classrooms, laboratories, library, reading halls, offices, departments, hostels rooms and washrooms have sufficient ventilation and sunlight, which result in minimum use of electrical equipments like fans and lights. LED and CFL bulbs are used at most of the places.
- The department of Botany and Plant Protection has been surveying the flora of the institute campus since July 2011, on yearly basis and has named and numbered the plants and trees.
- The units of NSS and NCC, Vivekvahini and Nature Club regularly undertake tree plantation programmes on the celebration of Independence Day, Karmveer Jayanti in the institute campus. Hence, the number of trees has increased. Also the wall-papers on the topic like save trees and plantations are presented by the students from all departments.
- The institute takes care of ecosystem like birds, trees, endangered plants, medicinal plants, rare plants, succulents and cacti in the campus.
- The Nature Club of the institute reviews environment related initiatives which are implemented. It formulates the action plan for the next academic year in order to have better environmental sensitization.
- Being located in the drought-prone area, our green campus is the prime attraction for birds. As a part of conservation of biodiversity college has made separate drinking water system for birds. Specific water bowels are placed at typical location considering the less human interferences. This practice shows very good results and bird count is increased because of availability of water and secure place. About 2000-3000 birds are attracted to the campus.
- The college campus is plastic-free and tobacco vendors are not allowed in college vicinity. The campus and its surrounding area is declared as *Silence Zone*. Also the faculty and the students are notified about the policy.



7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

ENERGY CONSERVATION:

- The institute conducts energy audit every year and initiatives are taken to implement suggestions by the experts for energy conservation.
- The energy conservation supports eco-friendly lifestyle in the campus by providing energy which saves college money.
- Solar system, solar lamps, tubes, CFL, and LED bulbs are installed in the classrooms as well as in college campus in order to minimize the use of electricity and to promote the use of non conventional energy.
- Faculty and students are notified to switch off the lights and fans immediately after use.
- Use of mortal pestle instead of electric mixer for crushing raw food material.
- Use of hand centrifuge instrument instead of electrical energy and sunlight instead of electrical driers in Department of Chemistry.



- For the conservation of energy, the classrooms, laboratories, library, reading hall, departments, hostel and washrooms, toilets have sufficient ventilation and sunlight.
- The institute has installed solar water heaters at Principal's quarter and Ladies' Hostel.

USE OF RENEWABLE ENERGY:

- The institute has installed solar lamps in the campus and plans to increase the usage of solar energy in future by establishing more solar panels.
- The details of use of solar energy at ladies' hostel and principal's cabin is as follows:

Sr. No.	Location	No. of Solar Panels	Capacity	Cost	Make
1	Ladies' Hostel &	14	1 KV	Rs.350883/-	JAIN



	Principal's Cabin				SOLAR
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- The institute plans to make use of solar energy to light up the area in the college campus where citizens of Dahiwadi come to have morning and evening walk.
- Solar panels are installed to provide electricity in the college campus and solar water heater as alternative to electrical devices.

WATER HARVESTING

- Roof top rain water harvesting system is established in the institute campus.
- The water storage capacity of these reservoirs is 1, 70, 000 liters.
- The conserved water is used for washrooms, gardening and laboratory purposes. This is one of the ideal projects of rain water harvesting in this region.
- Sprinkling water system is used in the lawn and shednet while dripping and fogger system is used for plants.
- Plumbing maintenance is done on regular basis to prevent the wastage of water and acid wash treatment is applied for dripper washing.
- Provision of safe drinking water. The institute has installed 2 water purifiers for students and the faculty. Also the water audit is conducted on regular basis by the department of Chemistry. Drinking water capacity is in proportion with man power.
- The drained water, possibly every droplet is looked upon to be stored.
- The processed water and the waste water of water- tanks and ladies hostel is used for garden beautification through drip lines.
- Recharge of bore wells in the campus by using rain water harvesting.
- The institute conducts a career oriented course in Watershed Management for students.
- The waste water of sanitary blocks is percolated by water absorbing ditches.

CHECK DAM CONSTRUCTION:



- NSS constructs ‘Vanarai Type’ check dams and CCTs in nearby villages. The college has built such dams in the villages like Andhali, Wavarhire and Waghmodewadi during NSS camps which have proved fruitful to the society.
- The college has also constructed a check dam in its campus 2.

EFFORTS FOR CARBON NEUTRALITY:

The institute has made separate arrangement for vehicle parking and observes **No Vehicle Day** on every second Saturday of month.

- All the staff members of the institute use energy efficient and low carbon emission vehicles and have PUC certificates.
- Tree plantation programme is carried out with cooperation of Panchayat Samiti in the campus every year through Tree Plantation.
- The institute has a beautiful garden with variety of ornamental, medicinal, endangered, cactus, endemic and rare plants.
- Plantation of various plants maintain the campus evergreen every year to reduce carbon content.
- LPG fuel is used in hostel kitchen and science laboratories to reduce carbon content.

PLANTATION:

- The campus is beautified with the plantation of *Ansonia scholaris* and coconut avenue.
- Various trees like Cherry, Gulbhendi, Tamarind, Rossberry are planted which maintain campus evergreen.
- The main purpose of plantation in botanical garden is to conserve the rare, endangered, endemic and medicinal plants.
- Tree plantation program was carried out around Karmaveer statue during the Golden Jubilee year.

E) Hazardous waste management:

- Exhaust fans have been fitted in science laboratories, toilets, canteen, and library to remove hazardous gases like carbon dioxide and other toxic gases from laboratory.
- The institute has purchased fume hood of Rs 1,25,000/- for reaction which liberate hazardous gases which are carried out from fume hood chamber.



- Effluents from Chemistry, Botany and Zoology departments are collected in soak pit through pipelines.

E-WASTE MANAGEMENT:

- Old electronic machines, components, printers and scanners are given to the students for preparing projects and at the time of practical.
- Donation of e-gadgets to schools for science projects.
- The quantity of the e-waste is negligible.

OTHERS:

- **Waste segregation:** Separate dustbins are provided to collect wet and dry waste. The wet waste is used for vermin culture unit and dry waste is used to prepare compost. These are used to make organic fertilizers.
- **Vermin culture unit:** All the waste food and dry leaves are collected and are converted into organic compost through vermin culture unit and fertilizer is used for all plants in the campus.



- 6 drinking water tanks are placed at different places.
- **Wash basins:** The institute has provided wash basins in the campus and waste water is used for plants.

**7.2 INNOVATIONS****7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the college.**

The following table shows the innovations made during the last four years:

Sr. No.	Innovation	Positive impact/Outcomes
<u>Innovations In Curricular And Co-Curricular Aspects</u>		
	Spoken English Course at Entry Level	Enhancement of soft skills and communicative skills of English among the students
	PG Diploma in Green Chemistry	Creates environmental consciousness
	Short Term Courses I. Journalism ii. Tourism iii. Human Resource Development iv. Household Useful Chemicals	The students acquired proper knowledge and skills useful in job opportunities/self-employment.
	Submission of assignments through Emails for BCA and B. Sc Computer Science students	Students became familiar with ICT, Convenient for teachers
	English Language and Literary Association	i. Communication skills are developed ii. Stage daring increases iii. Cooperative nature is developed
	Computer Accountancy Tally Package	i. Increased job opportunities to students. ii. Developed software handling skill among the students.
	Stereo Model	i. To demonstrate three-dimensional structure of organic molecule
	Film review	i. Critical appreciation of films ii. Enriching the learning process
	Contribution to Rayat Knowledge Bank	i. Vast store of PPTs ii. Much sharing is possible
<u>Innovations In Environment And Health Awareness</u>		
	Rainwater Harvesting	Conserved water is useful during drought
	Tree Adoption Scheme for students and teachers	i. Personal attention to the growth of a tree ii. Emotional attachment to the plant
	Feeders and Water Bowls for Birds	i. Increased number of birds. ii. Beneficial for spreading seeds
	On-campus Demo Projects: i. Vermiculture project ii. Apiculture project iii. Sericulture project	i. Students and farmers get information about organic farming ii. Helps to the crop yield iii. Helps to increase the yield of farmers



Oxygen park with rich treasure of medicinal plants	<ul style="list-style-type: none"> i. The campus is used by senior citizens for morning and evening walk ii. A healthy bond is developed between college and villagers
Conservation of rare, endangered and threatened medicinal plants in Botanical Garden	<ul style="list-style-type: none"> i. Plants are used when necessary ii. Awareness among students for endangered plants
P.G. Diploma in Green Chemistry and Crop Protection	<ul style="list-style-type: none"> i. Created environmental awareness ii. Availability of advanced knowledge in the field
Introduction of agro-oriented courses such as biotechnology, microbiology and plant protection	<ul style="list-style-type: none"> i. Beneficial for students having farming background ii. Provides opportunities of jobs/self employment in agro based industries
Felicitation of guests by offering plant	<ul style="list-style-type: none"> i. Supports tree plantation movement ii. Creates environmental awareness among the students
Recharging of bore-wells	<ul style="list-style-type: none"> i. Availability of water in summer ii. Useful for nearby residents during drought

Innovations in Library Services

Donation of books on his/her birthday by the staff and students	Addition of number of books in the library, which are regularly issued to the students, faculty and stakeholders of the college.
Book Exhibition	Helped to boost reading culture. Generated interest about old and rare books.
Best Reader Award	Encouraged students to read books outside the syllabus. Motivated students to visit library.

Innovations in Extension Activity

COC: Watershed Management and Technology	Awareness about water resources, water conservation and reuse of water, AutoCAD software
English Grammar Consultancy	<ul style="list-style-type: none"> i. Social awareness is increased ii. Self-confidence is developed iii. Stage daring is improved
Marketing Fair for Skill Development	<ul style="list-style-type: none"> i. Developed entrepreneurship among the student. ii. Student acquire knowledge of business



	Provision of coconut milk for poor and needy patients at an affordable price	i. Healthy relationship developed between villagers and college ii. Source of income for college
	Village adoption by the faculty under <i>Jalayukt Shiwari</i> Scheme	i. Faculty donated one-day salary for drought relief fund ii. Adopted 107 villages from man tehsil
	Water and soil analysis-Lab to Land	i. Free service to farmers in near by villages ii. Increase in farm produce and increased quality of drinking water.
	Weekly news bulletin	i. Presentation skill is developed ii. Soft skills are developed iii. Stage daring increases
<u>Innovations in Support Services</u>		
	Cycle Bank	Regularity of the students, residing in remote areas, increased. It saved their time, money and energy.
	Provision of Lunch Tables for Students	Number of students with lunch-box increased Healthy informal get-together of students.
	Karmaveer Sports Academy	Additional facilities for sports Availability of advanced coaching
<u>Innovations in Research Activity</u>		
	Staff Academy for blending research knowledge through eminent research scholars	Opportunity for sharing research outputs. Staff encouraged to undertake research.
	Use of software for research analysis	Useful to determine organic molecule structure
	Seed Money for Research by college Corpus fund by parent institution	Incentive for research activities. Generated research spirit among staff and students.
	DST-FIST	Additional grant for research activities Promoted research culture among staff and students



7.3 BEST PRACTICES

7.3.1 Elaborate on any two best practices as per the annexed format (see page) which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.

The college aims at excellence in education through different practices. For achieving the purpose of quality higher education, the college undertakes many out of the track practices. Following are some of the major best practices:

- Lead College Status
- Earn and Learn Scheme
- Cycle Bank
- Playing of National Anthem regularly
- Health Centre
- Quiz Competition
- Gymnasium at college and women hostel
- Jogging track around the play ground
- Online academic information collection system
- Display of paper cutouts by each department
- Wallpaper publications
- Literary Association, Social Sciences Association, Commerce Association and Science Association activities
- Financial assistance to the projects undertaken by students
- Yoga Camp
- Special financial assistance to sports persons
- Felicitation of teachers on their successful completion of Ph. D. studies and 25 years of servicea
- Staff Academy Lecture Series
- Donation equipments to needy secondary schools
- Free of charge consultancy to farmers
- No auto vehicle day
- Rainwater harvesting and recycling of used water

BEST PRACTICE: I

1. Title: Earn and Learn Scheme

2. Objectives:

- i) To provide financial assistance to economically backward students.
- ii) To encourage rural students for higher education.
- iii) To make students aware of the importance of labour.
- iv) To overcome the problem of drop out.

3. The context:

The institute is located in rural and drought-prone area. The financial constraints faced by rural students, particularly farmers' girls, need to be addressed in planned scheme. The Earn and Learn scheme was first established by the founder father of the parent institute Padmabhushan Dr. Karmaveer Bhaurao Patil. The rural students seek admission to college and they face problems such as provision of fees, travelling,



accommodation etc. Hence, this scheme is very useful for the students to solve their problems.

4. Practice:

The students admitted to the scheme are expected to work for 2 hrs per day doing office work, library assistance, gardening, campus cleanliness, etc. The expenses of the scheme are met from college budget.

5. Evidence of Success:

The response to the scheme is overwhelming every year. It has proved fruitful to economically poor and deprived students. The students benefitted by this scheme are successful in social, political, educational, industrial and business fields.

6. Problem Encountered and Resources Required:

1. Limitation of budget
2. Majority of the students ask for library and office duty which is not possible.
3. Some students cannot enjoy their holidays.

7. Notes:

Earn and Learn Scheme is the unique feature of the parent institution which is reflected in its motto i.e. "Education through self-help". Karmaveer Bhaurao Patil's Manual Labour Scheme gave the college a stamp, which neither time nor age could wipe out. It is the heart of his educational philosophy at large. The scheme provides manual labour in administrative work, reprographic facility, library, gardening, etc.

8. Contact Details:

Name of the Principal: Dr. C. J. Khilare

Name of the Institution: Dahiwadi College Dahiwadi

City: Dahiwadi

Pin Code: 415 508

Accredited Status: B

Work Phone: (02165) 220231

Website: www.dahiwadicollege.in

Mobile: 9423802920

BEST PRACTICE: II

1. Title: Lead College Scheme

2. Objectives:

- i. To share and distribute all sorts of information with other colleges in the cluster.
- ii. To share the infrastructure, library, sports facilities, ICT devices, research, money, etc.
- iii. To organize joint extension activities for the development of stakeholders.
- iv. To utilize the expertise of the experienced resource persons.



3. The Context:

The institute works as the host college of Lead College Scheme that includes nine colleges. The principal is the member of the apex body of the scheme. Most of the colleges from the cluster are located in rural area. They need up-dated information, expertise, equipments and infrastructural facilities.

4. The Practice:

As a host college of the scheme of Shivaji University Kolhapur, the college prepares Annual Action Plan at the beginning of the academic year. The activities are grouped in five categories:

1. Academic activities
2. Research activities
3. Cultural activities
4. Extension activities
5. Other activities

5. Evidence of Success:

There are nine colleges in the cluster and they have mutual cooperation among them. The scheme ensures the participation of students, faculty, non-teaching staff, management, parents and other stakeholders. Different programmes are organized every year in all the nine colleges under the scheme. The institute monitors all the activities performed throughout the academic year.

6. Problems Encountered and Resources Required:

1. It is not possible for all the students to participate in all activities.
2. Necessity to redesign the scheme
3. Limitation of budget
4. Limitation for collection of funds from students

7. Contact Details:

Name of the Principal: Dr. C. J. Khilare

Name of the Institution: Dahiwadi College Dahiwadi

City: Dahiwadi

Pin Code: 415 508

Accredited Status: B

Work Phone: (02165) 220231

Website: www.dahiwadicollege.in

Mobile: 9423802920

**3. Evaluative Report of the Departments**

1. Name of the department : **Marathi**
2. Year of Establishment : **1968**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): **UG.: BA**
4. Names of Interdisciplinary courses and the departments/units involved: **Journalism (Collaboration with Dept. of Hindi)**
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments : **Yes**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : **No**
8. Details of courses/programmes discontinued (if any) with reasons : **Nil**
9. Number of Teaching posts

Professors	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	2	2+1=03 Full Time – 02 CHB – 01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Smt.Waghmode S.B.	M.A., M.Phil., NET	Asst. Prof.	Gramin, Dalit literature	11	-
Mr. Shinde N.V.	M.A., M.Phil., NET	Asst. Prof.	Gramin, feminist literature	05	-
Mr. Waghmare S.D.	M.A., B.Ed., NET	Asst. Prof.	Gramin literature	05	-

11. List of senior visiting faculty: **Dr N K Patole, Shri M R Jadhav, Dr Uday Jadhav**
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 9.09%
13. Student -Teacher Ratio (programme wise)

Sr.No.	Year	Student	Teacher	Ratio
1	2011-12	39	02	20:1
2	2012-13	18	02	9:1
3	2013-14	24	02	12:1
4	2014-15	24	03	8:1
5	2015-16	21	03	7:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Nil**
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.: -
PG:03, M.Phil.: 02



16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Sr. No.	Name of the Faculty	Title of the project	Funding agency	Year & Grants	Project States
1	Mr. Shinde N.V.	Narayan Sumantancya Kavayatil Gramjivan	UGC	2014-16 Rs. 90,000	ongoing

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **Nil**

18. Research Centre /facility recognized by the University: **Nil**

19. Publications:

Sr No	Name of the Faculty	Paper Published	Monographs/ Abstracts	Chapters in Book	Books edited	Books Published
01	Smt.Wahmode S.B.	08	--	00	00	00
02	Mr. Shinde N.V.	12	--	--	00	02

20. Areas of consultancy and income generated : **Nil**

21. Faculty as members in

- a) National committees b) International Committees c) Editorial Boards....-

1. **Smt. Waghmode S.B. Editorial Boards- Adwait Annual 2012 to 2014**
Editor, Smarinaka 'Manbindu'

2. **Mr. Shinde N.V. Editorial Boards- Adwait Annual 2015 to 2016**

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme: **100% (Special level)**

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: **Nil**

23. Awards/ Recognitions received by faculty and students:

Faculty- Nil

Students- 1.Amarut Borate, second prize in Poetry competition by Mandes tarag vahini, Mhaswad Radio (2) Vishvjeet Katkar, Karate competition

24. List of eminent academicians and scientists/ visitors to the department :

1. **Santosh Pawar, Poet**

2. **Dr. Prabhakar Pawar, Researcher in Dalit literature**

3. **Dr.Sitaram Gosavi, eminent academician**

4. **Dr. Pandurang Gaikwad, eminent academician**

5. **Dr. Shyamsuder Mirajakar, Poet**

6. **Dr. Uday Jadhav, Researcher**

7. **Sitaram Sawant, Writer**

25. Seminars/ Conferences/Workshops organized & the source of funding :

- a) National - **Nil**

- b) International – **Nil**

- c) Uni level: **workshops: 02**

26. Student profile programme/course wise:



Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			M	F	
B.A.III (Spl.) 2010-11	26	24	14	10	82
B.A.III (Spl.) 2011-12	41	39	14	25	90
B.A.III (Spl.) 2012-13	23	18	10	13	88.80
B.A.III (Spl.) 2013-14	31	24	20	11	90.42
B.A.III (Spl.) 2014-15	28	24	15	13	87.50
B.A.III (Spl.) 2015-16	21	21	14	07	85.71

27. Diversity of Students: **100% students are from Maharashtra**
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? - **Nil**
29. Student progression : 2015-2016

Student progression(2014-15)	Against % enrolled
UG to PG	30
PG to M.Phil.	00
PG to Ph.D.	00
Ph.D. to Post-Doctoral	00
Employed	
• Campus selection	00
• Other than campus recruitment	01
Entrepreneurship/Self-employment	07

30. Details of Infrastructural facilities
- Library - **Services of College Central Library & dept. Library are used**
 - Internet facilities for Staff & Students - **Yes**
 - Class rooms with ICT facility - **Yes**
 - Laboratories - **Not applicable**
31. Number of students receiving financial assistance from college, university, government or other agencies: **11 out of 21**
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts
- (a) **Workshops : 02** (b) **Special Lectures : 06** (c) **State Level : 01**
33. Teaching methods adopted to improve student learning:
Teaching with ICT, students- seminar, projects, dramatization, book review, Quiz competition, survey, library visit, film review, question bank
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
Students participate in the activities undertaken by the college like cleanliness campaign, blood donation, rallies, fund raising drives, etc.
35. SWOC analysis of the department and Future plans
- Strengths:**
- Active research oriented faculty
 - 01 Major & 01 Minor RP completed and 01 Minor RP ongoing
 - Innovative short term course- Rural Journalism
 - Organized two workshops and a proposal has been submitted to the UGC to organize national seminar

**Weaknesses:**

- No PG department
- Not organized National and International seminar

Opportunities:

- To introduce an interdisciplinary course in translation
- To start COC course in —Vani Kaushalya or Translation

Challenges:

- Organization of International Seminar/Conference
- To initiate interdisciplinary activities

Future Plans:

- To organize an international seminar/conference
- To start PG programme
- To initiate collaborative/interdisciplinary activities

1. Name of the department : **Hindi**
2. Year of Establishment : **1984**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): **UG.: BA**
4. Names of Interdisciplinary courses and the departments/units involved: **Journalism (Collaboration with Dept. of Marathi)**
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : **No**
8. Details of courses/programmes discontinued (if any) with reasons : **Nil**
9. Number of Teaching posts

	Sanctioned	Filled
Professors		
Associate Professors	01	01
Asst. Professors	01	1+2=03 Full Time – 01 CHB – 02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr .Mulla R.R.	M.A., Ph.D	Asso. Prof.	Poem,Dalit literature	30 retired 31/05/2014	3
Dr. Balwant B.S.	M.A., Ph.D	Asst. Prof.	Gramin, feminist literature	24	-



Mr. Koli S.T.	M.A., M.Phil.NET	Asst. Prof.	Gramin literature	08	-
Mr. Gaikwad B.L.	M.A., M.Phil. NET,SET	Asst. Prof.	drama , Dalit literature	02	-

11. List of senior visiting faculty: **Prof M S Mujawar**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 50% (**Mr. Koli S.T., Mr. Gaikwad B.L**)

13. Student -Teacher Ratio (programme wise)

Sr.No.	Year	Student	Teacher	Ratio
1	2011-12	23	02	11:1
2	2012-13	16	02	8:1
3	2013-14	18	02	9:1
4	2014-15	17	03	6:1
5	2015-16	16	03	5:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Nil**

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.: -
PG:03, M.Phil: 02, Ph.D. 01

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **Nil**

18. Research Centre /facility recognized by the University: **Nil**

19. Publications:

Sr. No.	Name of the Faculty	Paper Published	Monographs/ Abstracts	Chapters in Book	Books edited	Books Published
01	Dr. Balwant B.S.	30	01	01	00	03
02	Mr. Koli S.T.	18	-	00	00	00
03	Mr. Gaikwad B.L.	12	00	00	00	00

20. Areas of consultancy and income generated : **Nil**

21. Faculty as members in

b) National committees b) International Committees c) Editorial Boards....-

1- **Dr. Balwant B.S. Editorial Board- Adwait annual 2014 to 2016**
Member, Smarinaka 'Manbindu'

2- **Mr. Gaikwad B.L. Editorial Board- Krantidip Annual 2013 to 2014**

3- **Mr. Koli S.T. Editorial Boards – Vedawati Annual 2008 to 2009**

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme: **100% (Special level)**

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: **Nil**

23. Awards/ Recognitions received by faculty and students:

Faculty- Dr. Balwant B.S. Mandesh Foundation Pune . First Prize For Essay Writing
Students-

24. List of eminent academicians and scientists/ visitors to the department :

1. **Dr Prakash Mokashi , Principal and Ex- Chairman, BoS**

2. **Dr.Vasant Surve, Principal and Ex- Chairman, BoS**



3. **Dr. Ram Nakate, Member BoS**
4. **Dr. G.S. Bhosale, Member BoS**
5. **Dr. R.P. Bhosale**
6. **Dr. B.S. Khilare**
7. **Prof. M.S. Mujawar**
8. **Dr. Yadavrao Dhumal, Researcher**
9. **Dr. Ishawar Pawar, Researcher**

25. Seminars/ Conferences/Workshops organized & the source of funding :

- a) National - **01**
- b) International – **Nil**
- c) Uni. Level: workshop: **01**

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			M	F	
B.A.III (Spl.) 2011-12	24	23	3	20	96
B.A.III (Spl.) 2012-13	16	16	8	8	100
B.A.III (Spl.) 2013-14	18	18	10	08	100
B.A.III (Spl.) 2014-15	17	17	10	07	92.85
B.A.III (Spl.) 2015-16	16	16	06	10	86.66

27. Diversity of Students: **100% students are from Maharashtra**

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? –**NET, 00, SET,01**

29. Student progression : 2015-2016

Student progression(2014-15)	Against % enrolled
UG to PG	40
PG to M.Phil.	01
PG to Ph.D.	00
Ph.D. to Post-Doctoral	00
Employed	
• Campus selection	00
• Other than campus recruitment	10
Entrepreneurship/Self-employment	40

30. Details of Infrastructural facilities

- a) Library - **Services of College Central Library & dept. library are used**
- b) Internet facilities for Staff & Students - **Yes**
- c) Class rooms with ICT facility - **Yes**
- d) Laboratories - **Not applicable**

31. Number of students receiving financial assistance from college, university, government or other agencies: **10 out of 16**

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

(b)Workshops: 01 (b) Special Lectures : 06 (c) National Level : 02

33. Teaching methods adopted to improve student learning:

Teaching with ICT, students' seminar, projects, dramatization, book review, Quiz competition.



34. Participation in Institutional Social Responsibility (ISR) and Extension activities - Students participate in the activities undertaken by the college like cleanliness campaign, blood donation, rallies, fund raising drives, etc.

35. SWOC analysis of the department and Future plans

Strengths:

- Active research oriented faculty
- 02 Minor RP completed
- Innovative short term course- Journalism
- Organized Two National seminar and one workshop and one proposal has been submitted to the UGC to organize national seminar

Weaknesses:

- No PG department
- Temporary faculty: 50%

Opportunities:

- To introduce an interdisciplinary course in translation
- To organize a COC course on —VaniKaushalya or Translation

Challenges:

- Organization of International Seminar/Conference
- To initiate interdisciplinary activities

Future Plans:

- To organize an international seminar/conference
- To start PG programme and a Course in Translation Studies
- To initiate collaborative/interdisciplinary activities

1. Name of the Department: **English**
2. Year of Establishment: **1967**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): **UG**
4. Names of Interdisciplinary courses and the departments/units involved: **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments: **BCA**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: -
8. Details of courses/programmes discontinued (if any) with reasons: **Nil**
9. Number of Teaching posts

	sanctioned	Filled
Professors		
Associate Professors	--	--
Asst. Professors	4	3 + 2 (CHB)

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr A N Dadas	MA, MA, M Phil, PhD	Assistant Professor	ELT	22	-



Dr B S Lokde	MA ,SET, PhD	Assistant Professor	Literary Criticism	11	-
Mr. N T Phase	MA, SET	Assistant Professor	Linguistics	08	-
Mr. C B Desai	MA	Assistant Professor	Entire English	14	-
Dr K S Raut	MA, PhD	Assistant Professor	Indian literature	03	-

11. List of senior visiting faculty: **Prof. T. N. Jadhav, Dr. A.Y. Shinde, Prof. R. S. Pale, Prof. A. P. Katte**
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: **35%**
13. Student -Teacher Ratio (programme wise): **7:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : **Nil**
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.:
Ph D: 03, M Phil: 01, PG: 02
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **02**, i. **MRP: Dr A N Dadas: Rs. 50,000**, ii. **MRP: Dr B S Lokde: Rs. 41,000/-**
18. Research Centre /facility recognized by the University: **Nil**
19. Publications:

a) Publication per faculty: 2012-13 to 15-16

Sr. No	Name of Faculty	Publications in Peer Reviewed Journals		Listed in Database	Chapters in Books with ISBN /ISSN	Books Edited	Citation Index	Impact Factor	H-index	Total
		National	International							
1.	Dr A N Dadas	5	4	-	2	-	-	2.09	-	11
2.	Dr B S Lokde	-	3	-	-	-	-	-	-	3
3.	Dr K S Raut		2							2

- Number of papers published in peer reviewed journals (national / international) by faculty and students : **16**
- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs : **Nil**
- Chapter in Books: **Textbook: B Sc I, SIM – SUK B.A. Part III : 01, B Com II: 2 , M A I: 1, M A II : 1**
- Books Edited : --



- Books with ISBN/ISSN numbers with details of publishers : --
 - Citation Index : --
 - SNIP : --
 - SJR : --
 - Impact factor : --
 - h-index : --
20. Areas of consultancy and income generated : **English Grammar Consultancy in Man Tahsil: Free of cost**
21. Faculty as members in
a) National committees b) International Committees c) Editorial Boards....
International Journal of Literary Exegesis
22. Student projects :
a) Percentage of students who have done in-house projects including inter departmental/programme: 07 (News Bulletin)
b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: Nil
23. Awards/ Recognitions received by faculty and students:
Faculty:
1. Dr A N Dadas: Ph D awarded, PG Recognition
2. Dr B S Lokde : Ph D awarded, UGC-FDP Fellowship
Students:
1. Miss Archana Mane, B Com II: Third Prize for essay 'Baba Amte's Anandwan' by Shivaji University, Kolhapur
2. Miss Shalaka Borate, B A III: Third Prize for Interview 'Doctor to Actor' by Shivaji University, Kolhapur
24. List of eminent academicians and scientists/ visitors to the department:
1. Dr M A Shaikh, Veteran Scholar, Ex-Principal, Ex-BoS Chairman
2. Dr J A Mhetre, Ex-Chairman, BoS,
3. Prof. Y S Kalmkar, Veteran Scholar
4. Dr. A Y Shinde, Head, Dept of English, Mudhoji College, Phaltan
5. Dr. Sanjay Dixit, Dept of English, Mudhoji College, Phaltan
6. Dr P N Gore, Head, Dept of English, K W College, Sangali
25. Seminars/Conferences/Workshops organized & the source of funding
a) National : Nil
b) International: Nil
c) University Level: 1. One Day Teachers' Workshop on Revised Syllabus at B.Com-II English (Compulsory)
2. One Day Teachers' Workshop on Revised Syllabus at B.A. III English (Compulsory)
26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2012-13	26	26	14	12	96.66
2013-14	32	29	16	13	100
2014-15	30	30	15	15	90



Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2015-16	36	33	02	31	96.55

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B .A.	100	Nil	Nil
B .Com.	100	Nil	Nil
B .Sc.	100	Nil	Nil
BCA	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? : **01**

29. Student progression

Student progression	Against % enrolled
UG to PG	33.00
Employed Campus selection Other than campus recruitment	Nil
Entrepreneurship/Self-employment	20

30. Details of Infrastructural facilities

- Library : i)Departmental Library ii) COC Library iii) Central Library
- Internet facilities for Staff & Students: Wi-fi for staff, internet for students at NRC
- Class rooms with ICT facility: Conference Hall with Audio-visual aids
- Laboratories: Mini Language Lab

31. Number of students receiving financial assistance from college, university, government or other agencies: 2015-16: 26 out of 33

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: 08

- Spoken English Course at Entry Level
- COC in Translation and Communicative Proficiency
- University Level Workshop on Revised Syllabus
- English Grammar Consultancy
- Special Lectures by Eminent Persons

33. Teaching methods adopted to improve student learning:

- Group Discussion



- Screening of films
 - Use of PPT
 - Seminars
 - Grammar Consultancy
- 34.** Participation in Institutional Social Responsibility (ISR) and Extension activities:
- Worked as Presiding Officers for Lok Sabha Election 2014
 - Worked as Presiding Officers for Vidhansabha Election 2014
 - Worked as Presiding Officers for Gram Panchayat Election 2015
 - English Grammar Consultancy
 - Collected fund for celebrating Golden Jubilee Year
 - Member in NSS activities
 - Participation in Various rallies and cleanliness campaign
 - Organization of Workshop on Mandeshi Folk Arts
 - Cultural Committee
- 35.** SWOC analysis of the department and Future plans

Strengths:

1. Well-equipped language lab, internet, library
2. 03 faculties with Ph.D. engaged in active research
3. 01 Minor RP submitted to UGC
4. UGC funded COC in Translation and Communicative Proficiency
5. UGC funded Mini Language Lab

Weaknesses:

1. Overcrowded classes
2. Irregularity of students
3. Student-Teacher ratio is adverse
4. Temporary faculties

Opportunities:

1. PG in English
2. Full-fledged language lab
3. Introduction of short term courses on soft skills and creative writing
4. To conduct interdisciplinary activities to enhance language competency
5. English teaching ability development programme

Challenges:

1. Improvement in Communication skills of students
2. Increase students' attendance
3. Organization of International Seminar/Conference
4. To conduct a bridge course on English grammar
4. To initiate collaborative activities

Future Plans:

1. To start P G in English
2. To organize national seminar
3. To develop full-fledged language lab
4. To organize "Drama Performance" activity
5. To have tie-up with Tata Consultancy Services, Mumbai
6. To initiate collaborative/interdisciplinary activities
7. To initiate faculty exchange programme with neighbouring institutes

- 1.** Name of the department :- **Geography**
- 2.** Year of Establishment :- June 1973.
- 3.** Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :-UG
- 4.** Names of Interdisciplinary courses and the departments/units involved:- Tourism(Short-Term Course)
- 5.** Annual/ semester/choice based credit system (programme wise) :-Semester



6. Participation of the department in the courses offered by other departments:- Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. :- Nil
8. Details of courses/programmes discontinued (if any) with reasons :-Nil
9. Number of Teaching posts

	sanctioned	Filled
Professors	-	-
Associate Professors	Nil	Nil
Asst. Professors	04	04

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience
Dr.Gaikwad V.P.	M.A.,B.Ed., M.Phil., Ph.D	Asst.Prof.& Head	Agriculture Geography	16
Mr. Pawar S.N.	MA.,B.Ed., NET	Asst. Prof.	Population Geography	10
Mr. Soban S.R.	M.A.B.Ed., SET. NET.	Asst. Prof.	Agriculture Geography	08
Mr. Divte S.P.	M.A.,B.Ed., SET.	Asst. Prof.	Agriculture Geography	03

11. List of senior visiting faculty :-

Sr. No.	Year	Chef Guest	Date
1	2016-17	Prof. Dr. A. J. Barkade K. B. P. College, Pandharpur	20/01/17
2	2016-17	Prin. Dr. T. N. Gholap Sharadchandra Pawar Arts, Commerce and Science College, Lonand	20/09/16
3	2015-16	Prof. Dr. S. D. Shinde Department of Geography, Shivaji University, Kolhapur	14/01/16
4	2014-15	Prof. Dr. S. B. Zodage Chh. Shivaji College, Satara	17/01/15
5	2013-14	Prof. Dr. S. D. Ingale Mudhoji College, Phaltan	20/01/14
6	2013-14	Dr. T. N. Lokhande K.B.P. College, Pandharpur	17/09/13
7	2012-13	Prof. Dr. D. G. Gatade Arts, Commerce and Science College, Ramanandnagar	18/01/13
8	2012-13	Prof. R. A. Unde, Chh. Shivaji College, Satara	17/09/12
9	2011-12	Prof. Dr. P. V. Patil Sambhajirao Kadam College, Deur	20/01/12
10	2011-12	Prof. Dr. B. N. Gophane, Chairman, Board of Studies (Geography), Shivaji University, Kolhapur	16/09/11
11	2010-11	Prof. Dr. T. P. Shinde Mudhoji College, Phaltan	16/09/10

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty:-25%



13. Student -Teacher Ratio (programme wise) :-1:10
14. Number of academic support staff (technical) and administrative staff sanctioned and filled :- Lab attendant - 01
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.:-
- PG – 04
 - M. Phil, Ph. D. - 01 (Awarded)
 - Ph.D. – 2 (Submitted – 01, Registered -01)
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:-Nil
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:- 01 Minor Research Project funded by UGC(Grant Rs. 85000/-).
18. Research Centre /facility recognized by the University:-Nil
19. Publications:
- a) Publication per faculty :-
 - Number of papers published in peer reviewed journals (national / international) by faculty and students :

Sr. No.	Name of Teacher	No. of Published Paper		
		State Level	National Level	International Level
1	Prof. Dr. V. P. Gaikwad	02	18	05
2	Prof. S. N. Pawar	04	12	13
3	Prof. S. P. Divate	00	03	02
4	Prof. H. L. Deshmukh	01	02	01

- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):- **02**
 - Monographs:- Nil
 - Chapter in Books:- Nil
 - Books Edited :- Proceedings of State Level Seminar Edited - **03**
Books with ISBN/ISSN numbers with details of publishers:- Dr. Gaikwad V. P. Published one book entitled Rainwater Harvesting Potentiality: A Geographical Analysis, Rolli Book Publisher, Kanpur, December 2016 (ISBN 978-93-84662-30-1)
 - Citation Index :- Nil
 - SNIP:- Nil
 - SJR:- Nil
 - Impact factor :- Yes
 - h-index :- Nil
20. Areas of consultancy and income generated :- Nil
21. Faculty as members in
- National committees
 - International Committees
 - Editorial Boards....Nil
22. Student projects
- Percentage of students who have done in-house projects including inter departmental/programme:- 100% B.A. III
 - Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies:-Nil
23. Awards/ Recognitions received by faculty and students:- Faculty - Ph.D.- 01, FIP - 01

**24. List of eminent academicians and scientists/ visitors to the department:-**

Sr. No.	Eminent Personality
1	Prof. Dr. B. N. Gophane, Chairman, Board of Studies (Geography), Shivaji University, Kolhapur
2	Prin. Dr. T. N. Gholap, Sharadchandra Pawar Arts, Commerce and Science College, Lonand
3	Prof. Dr. D. G. Gatade, Arts, Commerce and Science College, Ramanandnagar
4	Dr. T. N. Lokhande, K.B.P. College, Pandharpur, Solapur University
5	Prof. Dr. S. B. Zodage, Chh. Shivaji College, Satara
6	Prof. Dr. S. D. Shinde, Department of Geography, Shivaji University, Kolhapur
7	Prof. Dr. A. J. Barkade, K. B. P. College, Pandharpur, Solapur University
8	Prof. Dr. P. V. Patil, Sambhajirao Kadam College, Deour

Seminars/ Conferences/Workshops organized & the source of funding

Sr. No.	Date	Seminar/ Workshop	Title	Funding Agency
1	04/02/2011	Workshop	Research Methodology	Shivaji University, Kolhapur
2	3&4 Oct. 2012	State Level Seminar	Population, Tourism and Agricultural Development in Drought Prone Area	UGC
3	9/3/2016	National Level Seminar	Educational Awareness Towards Environmental Hazards: A Geographical and Historical Perspective	Dahiwadi College Dahiwadi

25. Student profile programme/course wise:

Name of the Course/programme B.A. III Geog.	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2010-2011	60	42	14	28	100%
2011-2012	55	37	17	20	100%
2012-2013	46	32	12	20	100%
2013-2014	53	42	14	28	100%
2014-2015	45	38	10	28	97.36%
2015-2016	48	40	17	22	100%

*M=Male F=Female

26. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad



BA-III Geography	100%	Nil	Nil

27. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. ? Nil

28. Student progression

Student progression	Against % enrolled
UG to PG	15
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed Campus selection Other than campus recruitment	10
Entrepreneurship/Self-employment	20

29. Details of Infrastructural facilities

a) Library:-Central Library and Departmental Library.

b) Internet facilities for Staff & Students:- Available

c) Class rooms with ICT facility:- Yes

d) Laboratories- 01

30. Number of students receiving financial assistance from college, university, government or other agencies:-24

31. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts-

Sr. No.	Date	Special Lecture/Seminar/ Workshop	No. of Participants Students
1	04/02/2011	Workshop	42
2	3&4 Oct. 2012	State Level Seminar	37
3	9/3/2016	National Level Seminar	40
4	10/2/2016	Land Survey Guidance by Mr. Sanap from Land Survey Department, Dahiwadi	40

32. Teaching methods adopted to improve student learning-PPT, Video Clips, ICT, CDs, Seminars, Projects, Poster Presentation, Models, Essay, Quiz Competition, Geographical General Knowledge Test, etc.

33. Participation in Institutional Social Responsibility (ISR) and Extension activities-1) Study Tour 2) Village Survey 3) Short Term Course – Tourism 4) Tree Plantation 5) N.S.S.

34. SWOC analysis of the department and Future plans

**Strength**

- Qualified staff with NET/SET and Ph.D.
- Research oriented and competent faculty

Weakness

- No P.G. Department.
- No adequate space for laboratory

Opportunities

- To conduct interdisciplinary activities.
- To provide guidance for placements to the students.

Challenges

- Organization of international or national seminar/conference.
- To apply for Major and Minor Research Projects
- To introduce interdisciplinary activities.

Future Plans:

- To produce quality publications.
- To organize lectures of eminent personalities.
- To initiate interdisciplinary activities.
- To organize international seminar/conference.
- To establish MoUs.
- To submit proposals for Minor / Major Research Projects
- To organize workshops on Revised Syllabus

1. Name of the department : **History**
2. Year of Establishment : **1968**
3. Names of Programmes /Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) **UG**
4. Names of Interdisciplinary courses and the departments/units involved (HRD Course)
5. Annual/semester/choice based credit system (programme wise):- **semester**
6. Participation of the department in the courses offered by other departments: **HRD**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. **NIL**
8. Details of courses/programmes discontinued (if any) with reasons: **NIL**
9. Number of Teaching posts :-**02**

	sanctioned	Filled
Professor		
Associate Professor	--	--
Asst. Professor	02+02=04	02 Full Time 02 C.H.B.

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience
Shinde K.S.	M.A., B.Ed.	Asst. Professor	History	15
Rasal D.K.	M.A., NET.	Asst. Professor	History	06



More.B.V.	M.A., SET.	Asst. Professor	History	2
Waghmare K.S.	M.A., B.Ed., NET, SET.	Asst. Professor	History	6

11. List of senior visiting faculty -NIL
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty:-20%
13. Student -Teacher Ratio (programme wise):- 6.1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled-NIL
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG. –Mphil (on going) MPhil 01 Ph.D 01(Reg)
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received MRP (on going) 01 Prof Shinde K.S. Rs.1,35000
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received-NIL
18. Research Centre /facility recognized by the University-NIL
19. Publications:

Sr.No	Name	National	International	Other	Total
1	Prof Shinde K.S.	03	-	-	3
2	Prof Rasal D.K.	03	-	-	3

- a) Publication per faculty 06
 - Number of papers published in peer reviewed journals (national / international) by faculty and students
 - Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
 - Monographs-NIL
 - Chapter in Books-NIL
 - Books Edited -01 Prof Shinde K.S.
 - Books with ISBN/ISSN numbers with details of publishers :-Yes Principal Dahiwadi College Dahiwadi ISBN(MAR)978-93-5126-365-4
ISBN (ENG)978-93-5126-366-1
 - Citation Index
 - SNIP
 - SJR
 - Impact factor
 - h-index
20. Areas of consultancy and income generated NIL
21. Faculty as members in -NIL
 - a) National committees b) International Committees c) Editorial Boards....
22. Student projects Yes
 - a) Percentage of students who have done in-house projects including inter departmental/programme 03 RTS, HRD, GANDHI VICHAR SANSKAR EXAM.



b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: NIL

23. Awards/ Recognitions received by faculty and students: NIL

24. List of eminent academicians and scientists/ visitors to the Department:

Prin Dr T S Patil, C S S College Hupari, Dr S P Shinde, CS College, Satara, Prin Dr VN Nalawade, Pusegaon, Dr V S Jadhav, C S College, Satara, Prin Dr R S More, Sawalaj, Dr V N Ranpise, Indapur.

25. Seminars/ Conferences/Workshops organized & the source of funding

a)National: 01 UGC

b)International Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2015-16	48	44	35	13	96.96%
2014-15	44	44	24	20	94%
2013-14	43	43	36	7	100%
2012-13	28	24	16	8	69%
2011-12	27	24	17	7	100%

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.A-III	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc? NIL

29. Student progression

Student progression	Against % enrolled
UG to PG	20%
PG to M.Phil.	10%
PG to Ph.D.	02%
Ph.D. to Post-Doctoral	-
Employed	03%
Campus selection	
Other than campus recruitment	
Entrepreneurship/Self-employment	12%

30. Details of Infrastructural facilities

a) Library :- Departmental and Central Library

b) Internet facilities for Staff & Students :-Yes



c) Class rooms with ICT facility:-Yes

d) Laboratories: NIL

31. Number of students receiving financial assistance from college, university, government or other agencies Nil

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts :-Yes

Sr.No	Date	Subject	Resources Person
1	22/2/2014	Opportunities After Graduation	Dr.Shinde S.P. Satara
2	9/8/2014	August Krantidin	Dr. Patil T.S. Kolhapur
3	23/01/2016	Maratha History	Prin.Dr.Nalawade V.N. Satara
4	23/01/2016	Maratha History	Dr. Pawar V.P. Satara

33. Teaching methods adopted to improve student learning :-Yes

1) Lecture Method 2) Use of ICT 3) Group Discussion

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Yes

35. SWOC analysis of the department and Future plans:

Strengths:

- More number of students for specialization in the subject.
- Student oriented activities.
- Organization of an interdisciplinary course.

Weaknesses:

- No organization of Seminar/Conferences/workshop at international level
- Only UG level department not PG Level department.

Opportunities:

- To organize a state, national & international Seminar/Conference/Workshop
- To undertake research activities

Challenges:

- To maintain the meritorious status of the department
- To undertake MRPs

Future plans:

- To conduct research activities
- To organize state, national & international level seminar/conference/workshop.

1. Name of the department : **Economics**

2. Year of Establishment : **UG: 1969**

3. Names of Programs/Courses offered (UG, PG ,M.Phil .and Ph.D. Integrated Masters ; Integrated Ph.D. etc.) : **UG - B. A**

4. Names of Interdisciplinary courses and the departments/units involved: **Nil**

5. Annual/semester/choice based credits system (program wise): **Semester**

6. Participation of the department in the courses offered by other departments:

1 + HRD Short Term Course in HRD (Human Resource Development)

7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **Nil**

8. Details of courses/Programs discontinued (if any)with reasons: **Nil**

9. Number of teaching posts – 03



	Sanctioned	Fills
Professors	-	-
Asst. Professors	03	01
Asst. Professors	03	03

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D./M.Phil. etc)

Sr. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the last 4 years
1	Mr. P. K. Tone	M.A., M.Phil. (Ph D ongoing)	Asst. Prof. Head	-----	15 Years	-
2	Mr. M. R. Bhadane	M.A B.PEd	Asst. Prof.	-----	17Years	-
3	Mr. S. P. Raut	M.A B.Ed., PGDF, Ph.D. (On Going)	Asst. Prof.	-----	2Years	-
4	Mr. M. N. Mehtre	M.A SET Ph.D. (On Going)	Asst. Prof.	-----	1 Years	-

11. List of senior visiting faculty: Prof R D Jadhav, Prof S R Swami, Prof B N Mane

12. Percentage of lectures delivered and practical classes handled (programme wise)

By temporary faculty: **UG: 22.22%**

13. Student-Teacher Ratio (programme wise) : **UG: 01:10**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **Nil**

15. Qualifications of teaching faculty with DSc/D.Litt. /Ph.D. /MPhil/PG.:

Ph. D. – 00

M. Phil. - 01

P.G. - 00

01

16. Number of faculty with ongoing projects from a) National b) International

Funding Agencies and grants received: No of Faculty – **completed: 01, On going: 01** i) MRP-01, (**Prof. S. R. Swami**) UGC- Rs. -15,000/-

17. Department AL projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **Nil**

18. Research Centre/facility recognized by the University -**Nil**

19. Publications:

a) Publication per faculty

Publications Paper:

1) Tone P. K----- : ISSN/ISBN 13

2) Raut S.P ----- : 05

3) Mehtre N.M--- : 05

- Number of papers published in peer reviewed journals (national/ International) by faculty and students: 16



- Number of publications listed in International Database (For Eg: Web of Science , Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.)–**Nil**
 - Monographs : -**Nil**
 - Chapter in Books : one
 - Books Edited : -**Nil**
 - Books with ISBN/ISS Numbers with details of publishers: -**Nil**
 - Citation Index : -**Nil**
 - Impact factor :-**Nil**
 - h-index :-**Nil**

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

- a) National committees b) International Committees C) Editorial Boards: **Nil**

22. Student projects

a) Percentage of students who have done in-house projects

Including interdepartmental/ programme: **100 % (at Special Level)**

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other Agencies: **1 RekhaTukaram Suryvanshi- 2014-15 Title – Decreasing Women Population in Man Tehsil: A Serious Problem (Avishkar Research Competition, Organized by Shivaji University, Kolhapur on behalf of Hon, Governor, Maharashtra State)**

23. Awards/Recognitions received by faculty and students:

a) Award Received by faculty:- Avishkar- 01

24. List of eminent academic and scientists/ visitors to the department:

- 1) Prof. Dr. V.M. Kumbhar, D.G. College of Commerce, Satara
- 2) Prof. Dr. S.M.Patil –Arts & Commerce College, Vaduj
- 3) Prof. Dr.A.KWavre- Chh. Shivaji Colleg, Satara
- 4) Prof. Dr. L.N. Ghatge - Head, Dept.of Business Economics,

D.G. College of Commerce, Satara

25. Seminars / Conferences / Workshops organized & the source of funding

a) National: Nil

b) State:1. Two Day Seminar On Present and Future of Non – Agricultural Credit Co - operative Societies in Maharashtra - 20-21/01/2011

2. Two Day State Level onWorkshop on auditing of Agricultural Production in Maharashtra and Farmer Suicides 30-31/ March 2012

3. One Day Workshop on Consumer Protection - 23/01/2013

4. One Day Workshop on Recent Trends in Banking 14/02 /2014

5. One Day National Seminar on Emerging Trends in Commerce &Social Sciences – 29/02/2016

B) Internatinal: Nil

26. Student profile programme /course wise:

Academic Year	Applications Received	Selected	Enrolled		Pass percentage
			*M	*F	
2011-12	30	30	12	18	100%
2012-13	30	30	14	16	100%



2013-14	30	30	17	13	65%
2014-15	36	36	16	20	100%
2015-16	39	34	16	18	94.18%

*M=Male *F=Female

27. Diversity of Students

Name of the Course	%of students from the same state	%of students from other States	%of students from abroad
B.A	100%	---	---

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.:**02**

29. Student progression

Student progression	Against% enrolled
UG to PG	40 %
PG to M. Phil.	NA
PG to Ph.D.	01
Ph .D .to Post-Doctoral	Nil
Employed	
• Campus selection	05 %
• Other than campus recruitment	15 %
Entrepreneurship/Self-employment	15 %

30. Details of Infrastructural facilities

- a) Library : **850 Reference books**
 b) Internet facilities for Staff & Students : **Yes Wi- Fi Internet**
 c) Class rooms with ICT facility : **Yes**
 d) Laboratories: **Nil**

31. Number of students receiving financial assistance from college, university, Government or other agencies: Seed money along with regular government financial Assistance.-

Scholarship from Govt. of India for SC/ST/OBC students:

- 2011-12 14 Students
 2012-13 12 Students
 2013-14 14 Students
 2014-15 17 Students

32. Details on student enrichment programmes (special lectures/workshops/Seminar) with external experts:

1) Seminar and Project as part of Syllabus

**2) Lectures on Personality Development**

33. Teaching methods adopted to improve student learning: **Lecture, Group Discussion, PPT, Seminar, Project, Exhibition, etc.**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: **NSS, NCC, Guidance to Avishkar Project,**

35. SWOC analysis of the department and Future plans:

Strength

- Large number of stakeholders
- Continuous good and higher results than Universities result
- HRD Short Term Course in HRD (Human Resource Development)

Weakness

- Weak communication skill
- Rural and drought prone background of stakeholder

Opportunities-

- To start PG course-M.A
- To organize national/international seminar
- To start COC and Short Term Courses
- To sign MOU with industries for placement

Challenges:

- Away from Metropolitan cities
- Improve communication skill among the students
- Provide 100% placement to students

FUTURE PLANS

- To start PG Course - M.A
- To submit minor & major research projects by faculty
- Organization of National/International seminar/conference.
- To establish MOU with industry for placement
- Collaborations with colleges for guest lecture.

1. Name of the department: **Political Science**
2. Year of Establishment: **1985**
3. Names of Programmes/Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): **UG (B. A.)**
4. Names of Interdisciplinary courses and the departments/units involved: **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester System**
6. Participation of the department in the courses offered by other departments: **HRD & HRE**
7. Courses in collaboration with other universities/industries/foreign institutions etc.: **Nil**
8. Details of courses/programmes discontinued (if any) with reasons: **Nil**
9. Number of Teaching posts: **02**

	Sanctioned	Filled
Professors		
Associate Professors	1	Nil
Asst. Professors	1	2 CHB

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt.



/Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. A. S. Bhagwan	BAMS, M. A. (Pol. Sci. & Soc), NET, LL. M., Ph. D	Asso. Prof.	Pol. Sci.	19 (up to 31 May, 2016)	-
Dr. J. M. Tamboli	M.A., M.Phil., Ph. D	Asst. Prof.	Pol. Sci.	06	-
Mr. P. S. Prakshale	M. A., SET	Asst. Prof.	Pol. Sci.	01	-

11. List of senior visiting faculty: **Nil**
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: **50%**
13. Student -Teacher Ratio (programme wise): **125:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **N. A.**
15. Qualifications of teaching faculty with DSC/ D.Litt / Ph.D/ MPhil/PG.

Sr. No.	Degree	Total Number of Faculty
1	P. G.	3
2	M. Phil.	1
3	Ph. D	2
4	SET	2
5	NET	1

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **Nil**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **UGC (12th Plan) Total Grants received: 2,50,000/-**
18. Research Centre /facility recognized by the University: **Nil**
19. Publications: **Nil**
 - a) Publication per faculty
 - Number of papers published in peer reviewed journals (national / international) by faculty and students: **Faculty: Nil Student: Nil**
 - Number of publications listed in International Database (For E.g.: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **Nil**
 - Monographs: **Nil**
 - Chapter in Books: **Nil**
 - Books Edited: **Nil**
 - Books with ISBN/ISSN numbers with details of publishers: **Nil**
 - Citation Index: **Nil**



- SNIP: **Nil**
 - SJR: **Nil**
 - Impact factor: **Nil**
 - h-index : **Nil**
20. Areas of consultancy and income generated: **Nil**
21. Faculty as members in: **Nil**
a) National committees b) International Committees c) Editorial Boards
22. Student projects
a) Percentage of students who have done in-house projects including inter departmental/programme: **100% (At Special Level)**
b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/other agencies: **Nil**
23. Awards/ Recognitions received by faculty and students: **Nil**
24. List of eminent academicians and scientists/ visitors to the department: **Nil**
25. Seminars/ Conferences/Workshops organized & the source of funding
a) National : **1 (Funded by UGC)**
b) International : **Nil**
26. Student profile programme/course wise:

Name of the Course/ programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2015 – 2016	44	44	31	13	83.21%
2014 – 2015	60	60	33	27	85.00%
2013 – 2014	75	75	40	35	94.66%
2012 – 2013	23	23	14	09	100%
2011 – 2012	20	20	15	05	100%

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
TYBA	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc: **Nil**
29. Student progression

Student progression	Against % enrolled
UG to PG	40
PG to M. Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil



Student progression	Against % enrolled
Employed Campus selection Other than campus recruitment	Nil
Entrepreneurship/Self employment	Nil

30. Details of Infrastructural facilities

- Library: **Yes (Central & Departmental Library)**
- Internet facilities for Staff & Students: **Yes (Wi – Fi in College Campus), Internet facility for the Students & Staff in the Department of Political Science.**
- Class rooms with ICT facility: **Yes**
- Laboratories: **NA**

31. Number of students receiving financial assistance from college, university, government or other agencies:

Sr. No.	Agencies	Students
1	College	Nil
2	University	01
3	Governments	25
4	Other	Nil

32. Details on student enrichment programmes (special lectures / workshops/ seminar) with external experts: **For the enrichment of the students, special lectures of external experts and the student seminars are organized as departmental activities.**33. Teaching methods adopted to improve student learning: **Lecture Method, Group Discussion, ICT, Question Bank, Home Assignment, Test.**34. Participation in Institutional Social Responsibility (ISR) and Extension activities: **Participation in the common activities undertaken by the college like cleanliness campaign, rallies etc.**

35. SWOC analysis of the department and Future plans:

Strengths:

- More number of students for specialization in the subject.
- Student oriented activities.
- Organization of an interdisciplinary course.

Weaknesses:

- No organization of Seminar/Conferences/workshop at international level
- Only UG level department not PG Level department.

Opportunities:

- To organize a state, national & international Seminar/Conference/Workshop
- To undertake research activities

Challenges:

- To maintain the meritorious status of the department
- To undertake MRPs

Future plans:

- To conduct research activities
- To organize state, national & international level Seminar/Conference/Workshop.



1. Name of the department : **Commerce**
2. Year of Establishment : UG: June,1984
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.): UG - B.Com. (Advanced Accountancy)
4. Names of Inter disciplinary courses and the departments/units involved: 01
 1. Short Term Course in English Communication
5. Annual/semester/choice based credit system (programmewise)
 - 2011-2012 Annual B. Com-III, Semester-B.Com-I, II,
 - 2012-2013 Semester System for B.Com. I, II & III
6. Participation of the department in the courses offered by other departments:

Department of English
7. Courses in collaboration with to her universities, industries, foreign institutions, etc: **Nil**
8. Details of courses/ programmes discontinued (if any) with reasons: **Nil**
9. Number of Teaching posts

	Sanctioned	Fills
Professors	-	-
Associate Professors	1PT	1PT
Asst. Professors	2FT	1FT
CHB	2	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D./ M. Phil. etc.)

Sr. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the last4years
1	Mr. M.B. Shikalgar	M.Com. SET.	Assist. Prof Head	Adv. Accountancy Cost Accountancy	07	-
2	Mr. V. N. Kshirsagar	C.A.	Asso. Prof.	Adv. Accountancy	28	-
3	Adv. S.S. Jadhav	LL.B.	Assist. Prof	Law	21	-
4	Miss. S.S. Joshi	M.Com.	Assist. Prof	Adv. Accountancy	03	
5	Mr. N.D. Dabade	M.Com. SET	Assist. Prof	Adv. Accountancy	01	-

11. List of senior visiting facult: Prof. R.D. Jadhav, Prof. S.R. Swami
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: UG:- **33.33%**
13. Student-Teacher Ratio (programmewise): UG:- **24:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **N.A.**
15. Qualifications of teaching faculty with D.Sc/ D. Litt / Ph.D/M.Phil/PG.:

Ph. D. –	00
M. Phil. -	00
P.G.-	04
16. Number of faculty with on going projects from a)National b)International funding agencies and grants received :No of Faculty – 01



i) MRP-01,(Mr. Shikalgar M.B.) UGC- Rs.-115,000/-

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: **Nil**

18. Research Centre/facility recognized by the University –**Nil**

19. Publications:

* a) Publication per faculty

* Number of papers published in peer reviewed journals (national/ International) by faculty and students 0

* Number of publications listed in International Database (For eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.)–1

N LIST-INFIBNET (MR. M. B. Shikalgar)

- Monographs :- Nil
- Chapter in Books :- Nil
- Books Edited :- Nil
- Books with ISBN/ISSN numbers with details of publishers:- Nil
- Citation Index :- Nil
- Impact factor :- Nil
- h-index :- Nil

20. Areas of consultancy and income generated: **Tax Consultancy: 5000 (2014-15), 10500 (2015-16)**

21. Faculty as members in

a) National committees b) International Committees C) Editorial Boards:

a) National committees

Member- Bar council of Maharashtra - Adv. Jadhav S. S.

Member- Institute Chartered Accountant of India Mr. V. N. Kshirsagar

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/ programme : **100%**

b) Percentage of students placed for projects in organizations outside the institution i.e . in Research laboratories/Industry/ other agencies: **5 Students (Avishkar Research Competition, Organised by Shivaji University, Kolhapur on be half of Hon, Governor, Maharashtra State)**

23. Awards/ Recognitions received by faculty and students:

a) Award Received by faculty:- Nil

b) Award Received by students -

- 1 Miss. Vaishali Mansing Katkar Stood 6th rank in B.Com. Examination, Shivaji University, Kolhapur
- 2 Miss. Prajakta Shedage , 2nd Rank on Gandhian Thought Examination, Gandhi Foundation, Jalgaon
- 3 Miss Archana Mane, B Com II: Third Prize for essay ‘Baba Amte’s Anandwan’ by Shivaji University, Kolhapur

24. List of eminent academicians and scientists/ visitors to the department:

Dr. J.F. Patil : Former Member, Planning Commission, Maharashtra State

Dr. S. S. Mahajan : Head, Department of Commerce and Management, Shivaji University, Kolhapur.



Dr. M.V. Mohite : Chairman, BoS in Accountancy, Shivaji University,
Kolhapur

Dr. V.K. Sawant : Member, BOS of Accountancy, Shivaji University, Kolhapur

Dr. Sarang Bhol : Member, DRC, Shivaji University, Kolhapur

25. Seminars/ Conferences/ Workshops organized & the source of funding

a) National :

1. Present and future of Non-Agricultural co-operative societies in Maharashtra, 20th & 21st Jan, 2011
2. One Day Workshop on Consumer Protection, 6th Feb, 2012
3. One Day Workshop on Marketing of Agricultural Industry, 4th Feb, 2014
4. One Day Workshop on Recent Trends in Banking, 14th Feb, 2015
5. Two Day State Level Seminar on Changing Business Scenario 13th and 14th Mar, 2015
6. One Day National Seminar on Emerging Trends in Social Science and Commerce, 29th Feb, 2016

b) International- Nil

26. Student profile programme /coursewise:

Academic Year	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2011-12	61	61	32	29	78.18
2012-13	91	91	45	46	90.11
2013-14	98	98	53	45	89.58
2014-15	98	98	47	51	87.05
2015-16	108	108	58	50	87.03

*M=Male *F=Female

27. Diversity of Students

Name of the Course	%of students from the same state	%of students from other States	%of students from abroad
B.Com.	100%	---	---

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc. : Nil

29. Student progression

Student progression	Against % enrolled
UG to PG	30 %
PG to M. Phil.	NA
PG to Ph.D.	NA
Ph.D .to Post-Doctoral	NA



Employed	
• Campus selection	05 %
• Other than campus recruitment	20 %
Entrepreneurship/Self-employment	15 %

30. Details of Infrastructure facilities

- a) Library : 805 Reference books
 b) Internet facilities for Staff & Students : Yes
 c) Class rooms with ICT facility : 1
 d) Laboratories : One (11 Computers)

31. Number of students receiving financial assistance from college, university, Government or other agencies: Seed money along with regular government financial assistance:- 06

a. Financial Assistance received from universities:

Miss. Vaishali Katkar	5000	2012-13	Shivaji University, Kolhapur
Miss. Vaishali Katkar	5000	2013-14	Shivaji University, Kolhapur
Miss. Swati sawant	5000	2013-14	Shivaji University, Kolhapur
Mr. Nilesh Ghanwat	5000	2013-14	Shivaji University, Kolhapur
Miss. Akshada Khatal	5000	2013-14	Shivaji University, Kolhapur
Miss. Vaishali Katakra	10000	2014-15	Shivaji University, Kolhapur

b. Scholarship from Govt. of India for SC/ST/OBC students:

2011-12	19 Students
2012-13	40 Students
2013-14	43 Students
2014-15	45 Students
2015-16	51 Students

32. Details on student enrichment programmes (special lectures/workshops/ Seminar) with external experts:

- 1) **M.B.A. Entrance Coaching for B. Com. Part-III**
- 2) **Seminar and Project as part of Syllabus**
- 3) **Remedial Teaching for B. Com. Part- I & II**
- 4) **Lectures on Personality Development**

33. Teaching methods adopted to improve student learning: Lecture, Group Discussion, PPT, Seminar, Project, Exhibition etc.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: NSS, NCC, guidance to Avishkar Project

35. SWOC analysis of the department and Future plans:

Strength

- Large number of stakeholders
- Continuous good and higher results than University result
- COC in Computer Accountancy Tally Package and short term course in Spoken English
- Well equipped commerce lab

**Weakness**

- Weak in communication skill
- Rural and drought prone background of stakeholders
- High student teacher ratio

Opportunities

- To start PG course-M.Com.
- To organize national/international seminar
- To start some new COC and Short Term Courses
- To sign MoU with industries for placement

Challenges

- Away from Metropolitan cities
- Improve communication skill among the students
- Provide 100% placement to student

FUTURE PLANS

- To start PG Course-M.Com.
- To submit proposals for minor & major research projects by faculty
- To organization of National/International seminar/conference.
- To establish MoU with industry for placement

1. Name of the department: **B.C.A.**
2. Year of Establishment: **2008**
3. Names of Programmes / Courses offered : **UG – B.C.A**
4. Names of Interdisciplinary courses and the departments/units involved : **Nil**
5. Annual/ semester/choice based credit system (programme wise) : **Semester**
6. Participation of the department in the courses offered by other departments : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : **Nil**
8. Details of courses/programmes discontinued (if any) with reasons : **Nil**
9. Number of Teaching posts

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Asst. Professors	3+5(CHB)	3+5(CHB)

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guidance
Mr. Shiklgar M.B.	M. Com., SET, GDC&A	Coordinator	Advanced Accounting	07 Years	-
Mr. Kolekar A.H.	MBA,M.Com, SET,B.Ed.	Assistant Professor	Management	04 Years	-
Miss. Khatavkar P.P	M.Sc.	Assistant Professor	Computer Application	01 Year	-
Miss. Ranpise K.B.	MCA	Assistant Professor	Computer Application	01 Year	-



Miss. Joshi S.S.	M. Com.	Assistant Professor	Advanced Accounting	03 Years	-
Mr. Shende S.M.	M.Sc.	Assistant Professor	Statistics	02 Years	-
Miss. Waghmode V.B.	M.Sc.	Assistant Professor	Mathematics	02 Years	-
Dr. Raut K.S.	M.A., Ph.D.	Assistant Professor	English	03 Years	-
Mr. Gurakhe B.B.	M.A.	Assistant Professor	Environment Science	02 Years	-

11. List of senior visiting faculty: **Nil**
12. Percentage of lectures delivered and practical classes handled (programmewise) by temporary faculty: **100%**
13. Student -Teacher Ratio (programme wise): **16:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: **01 Lab Instructor**
15. Qualifications of teaching faculty with Ph.D/ MPhil / PG. : **Ph.D.-01, PG-07**
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: **MRP: 01 (Prof. M.B. Shikalgar) UGC-Rs 115000/-**
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: **Nil**
18. Research Centre /facility recognized by the University: **Nil**
19. Publications:

Sr.	Name	Peer Reviewed Journals		Other	Total
		National	International		
1	Prof. Dr. K.S. Raut	-	02	-	02

* Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) **1N list- INFLIBNET (Prof. M.B. Shikalgar)**

20. Areas of consultancy and income generated: **Nil**
21. Faculty as members in
a) National committees b) International Committees c) Editorial Boards...**Nil**
22. Student projects
- percentage of students who have done in-house projects including inter departmental/programme: **100%**
 - Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies: **Nil**
23. Awards / Recognitions received by faculty and students: **Nil**
24. List of eminent academicians and scientists / visitors to the department:



Sr	Name	Designation
1	Prof. Dr. S.S. Mahajan	Head, Dept. of Commerce and Management, S.U. Kolhapur
2	Prof. Dr. M.V. Mohite	Chairman, BOS of Accountancy, S.U. Kolhapur
3	Prof. Dr. V.K. Sawant	Member, BOS of Accountancy, S.U. Kolhapur
4	Prof. Dr. S.S. Bhola	Member, DRC, S.U. Kolhapur

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National

1. One day workshop on C-Language - Lead College Activity

b) International: Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications Received	Selected	Enrolled		Pass percentage
			*M	*F	
BCA-III (2011-2012)	24	24	10	14	100
BCA-III (2012-2013)	10	10	03	07	100
BCA-III (2013-2014)	21	21	08	13	100
BCA-III (2014-2015)	35	35	10	25	82.75
BCA-III (2015-2016)	15	15	05	10	80.00

*M = Male *F = Female

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BCA	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc?: Nil

29. Student progression

Student progression	Against % enrolled	
	Year	Admitted to PG
UG to PG	2011-12	18(75.00)
	2012-13	05(50.00)
	2013-14	12(57.14)
	2014-15	09(25.71)



Employed	Year	Selected
Campus selection	2014-15	13(37.14)
	2015-16	01(06.66)
Other Than Campus recruitment	09 (08.57)	
Self-employment	03 (02.85)	

30. Details of Infrastructural facilities

- Library: **Department is using service of Central and Departmental Library.**
- Internet facilities for Staff & Students: **Internet, Wi-Fi and Laboratory with computer**
- Class rooms with ICT facility: **01**
- Laboratories: **02 Computer labs with 50 PCs, 02 Printers, 01 Scanner and 01 Projector.**

31. Number of students receiving financial assistance from college, university, Government or other agencies: 03 out of 15 (2015-16)**32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts**

Sr.	Date	Subject	Resource Person
1	09/02/2013	Career in Computer Sector	Mr. Kharade S.S. BAT, Pune
2	10/03/2014	Importance of Minor and Major Project in BCA	Prof. Lamkane S.S. Mudhoji College Phaltan
3	09/02/2015	Recent Trends in Technology	Prof. B.J. Nalawade S.G.M. College, Karad
4	14/01/2016	Importance of Project in BCA Curriculum	Prof. R.D. Kumbhar K.B.P.I.R.M.S. Satara

33. Teaching methods adopted to improve student learning:

Lecture Method, Presentations (PPT), Seminars, Group Discussions and Projects.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Student participate in the activities undertaken by college like cleanliness campaign, rallies, NSS activities, Cultural programs, Sports, Gandhi Foundation Examination on Gandhi's Thought, M.K.C.L.'s MahaIT Genius examination, etc.

35. SWOC analysis of the department and future plan.**Strength:**

- Well equipped computer laboratory
- Consistently good result
- Organization of departmental projects
- Good collection of Books in Library.

Weakness:

- The Department is on permanent non-grant basis
- Many members of teaching staff leave the job after experience for better employment

Opportunities:

- To introduce short term and PG courses
- To organize seminars/conferences
- To train students to get placement

**Challenges:**

- To develop communication and technical skills among student
- To organize seminars/conferences
- To introduce short term and PG courses
- To provide placement

Future Plan:

- To start short term and PG courses
- To organize seminars/conferences
- To start research activities
- To sign MoU with industrial sector for placement.

1. Name of the department: **Botany**

2. Year of Establishment: **1983**

3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) **UG- B.Sc. Botany, P.G. Diploma and Ph.D.**

4. Names of Interdisciplinary courses and the departments/units involved: **Plant-Protection**

5. Annual/ semester/choice based credit system (programme wise): **Semester Pattern**

6. Participation of the department in the courses offered by other departments
Green Chemistry and Crop Protection

7. Courses in collaboration with other universities, industries, foreign institutions, etc.
Nil

8. Details of courses/programmes discontinued (if any) with reasons

9. Number of Teaching posts : **04**

	Sanctioned	Filled
Professors	----	---
Associate Professors	03	03
Asst. Professors	01	01 (+2 CHB)

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students
1	Dr. Khilare C.J.	M.Sc, M.Phil; Ph.D, F.S.E.Sc.,	Principal	Mycology & Plant Pathology	29 Years	02 awarded Ph.D. and 05
2	Shinde Y.T.	M.Sc, M.Phil.	HOD & Associate Professor	Paleobotany	30 Years	--
3	Dr. Bhise K.M	M.Sc, Ph.D	Associate Professor	Botany Plant Protection	28 Years	--



4	Kamble V.V.	M.Sc; Ph.D(App)	Assistant Professor	Angiosperms & Taxonomy	22 Years	--
5	Zade R V	M Sc NET,GATE	Assistant Professor	Life Science	01 year	-
6	Rajmane D V	M Sc	Assistant Professor	Taxonomy of Angiosperms	01 year	-
7.	Yele R B	M Sc	Assistant Professor	Plant Physiology	01 year	-
8.	Bhosale S B	M Sc	Assistant Professor	Plant Bio-diversity	01 year	-

11. List of senior visiting faculty

List of PG Diploma: Green Chemistry & Crop Protection

Sr. No.	Name Of Faculty	Qualification	College	Teaching Exp. In Years	Specialisation
1	Dr.N.A. Ghanwat	M.Sc., Ph.D	Y.C.I.S.Satara	34	Cytogenetics
2	Dr.C.T.Karande	M.Sc., Ph.D	M.M.Miraj	32	Phycology
3	Dr.D.D.Kurlapkar	M.Sc., Ph.D	Dr. N .D .P .C .Malkapur	34	Ecology
4	Dr.A.S.Bhoite	M.Sc., Ph.D	S. B . P. C . Pimpri-Chinchawad	30	Ecology
5	Dr. R.A.Tamboli	M.Sc., Ph.D	D .P .B . C .Koregaon	30	Paleobotany
6	Dr.V.C.Karande	M.Sc., Ph.D	Y.C.I.S.Satara	33	Phycology
7	Dr.E.B.Bhalerao	M.Sc., Ph.D	K.V.M.Wai	28	Bryology
8	Dr.A.V.Karne	M.Sc., Ph.D	S.R.M.Khatav	32	Mycology
9	Dr.V.P.Patil	M.Sc., M.Phil. Ph.D	S. G .M .C. Karad	28	Physiology
10	Dr.H.S.Patil	M.Sc., Ph.D	V. P. C. Baramati	25	Ethonobotany
11	Dr. D.K.Gaikwad	M.Sc., Ph.D	S.U.Kolhapur	28	Physiology
12	Dr.C.B.Salunkhe	M.Sc., Ph.D	K.M.Rethare	30	Angiosperms
13	Dr. B.J.Patil	M.Sc., Ph.D	S. G M. C. Karad	34	Mycology

12. Percentage of lectures delivered and practical classes handled (programme wise)

By temporary faculty **20 %**

13. Student -Teacher Ratio (programme wise)

B.Sc I-25:1; B.Sc II 17:1; B.Sc II PP 5:1 B.Sc III 5:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled



Sr. No.	Staff Details	Sanctioned Post	Filled Posts
1	Head Of Dept.	01	01
2	Lab. Assistant	01	01
3	Lab. Attendant	02	02
4	Peon	02	02

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Sr.No.	Name Of Faculty	Qualification
1	Dr. Khilare C.J.	M.Sc, M.Phil, Ph.D, F.S.E.Sc., FISURYA
2	Shinde Y.T.	M.Sc, M.Phil.
3	Dr.Bhise K.M	M.Sc;Ph.D
4	Kamble V.V.	M.Sc; Ph.D(App)
5	Zade R V	M Sc NET,GATE
6	Rajmane D V	M Sc
7	Yele R B	M Sc
8	Bhosale S B	M Sc

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Sr. No.	Name of Faculty	Title	Agency	Period	Grant /Amount in Rs.
1	Dr. C.J. Khilare	Studies on Microbial Biodiversity in Soil from Khandala	UGC	Two years (2010-2012)	1,10,000/-
2	Dr. C.J. Khilare	Mycorrhizal Studies of some Crop Plant from Satara Districts	UGC	Two years (2011-2013)	1,60,000/-
3	Kamble V. V (2011-2012) and Dr. Khilare C.J.	Studies on Mycorrhizal Fungi from Man Tahesil in Satara Dist.	UGC (WRO) Pune- 7 File no. 47/	Two years (2011-2013)	1,60,000/-
4	Dr. Namdas D.D. (2012-2013)	Studies on Influence of Microbial Bioinoculants on some Forest Plants in Nursery Conditions	UGC (WRO) Pune- 7 File no. 47/107/1 2 (WRO) 25.02.20 13	Two years (2012-2014)	1,30,000/-



17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: **College received DST-FIST research grant Rs. 50 lacs for science departments (Physics, Chemistry, Botany, Zoology)**

18. Research Centre /facility recognized by the University

19. **Publications:**

Sr. No	Name of Faculty	Publications in Peer Reviewed Journals		Listed in Database	Chapters in Books with ISBN /ISSN	Books Edited	Citation Index	Impact Factor	H- index	Total
		National	International							
1.	Dr C.J. Khilare	5	10	-	-	-	-	4.509	-	15
2.	Dr K.M. Bhise	-	3	-	-	-	-	4.509	-	03
3.	Prof. Y.T. Shinde	3	1	-	-	-	-	-	-	04
4	Prof. V.V. Kamble	10	5	-	-	-	-	-	-	15
5	Dr. D.D. Namdas	3	2	-	-	-	-	-	-	05

Other research publications: (Research monograph/ Book) (2014-2015)

Sr. No.	Name of the faculty	Title with page no.	Publisher and ISSN /ISBN no.
1	Dr. D.D. Namdas	Major Constrains and Verdict of Crop Productivity Edited book chapter 36: Arbuscular Mycorrhizal Fungi: An Enviro-friendly bioinoculant for sustainable agriculture. (Page no. 462 -475)	Daya publishing house A division of Astral International Pvt. Ltd. New Delhi. 110002. ISBN: 97893512437000 (Vol. 2)

20. Areas of consultancy and income generated

Enclosed herewith consultancy and income generated from Fruit garden (2011-12 to 2015- 2016).

21. Faculty as members in

a) National committees b) International Committees c) Editorial Board



Name of the faculty	Member of
Dr. C. J. khilare	Life Member of Aerobiological Society of India
	Life Member of Advances in Plant Sciences
	Life Member of Eco-planning and Environmental Science
	Life Member of Flora and Fauna
	Life Member of Indian Science Congress Association
Prof. Y.T. Shinde	Life Member of Indian Science Congress Association
Dr. D.D. Namdas	Life Member of Indian Science Congress Association
Dr.K.M.Bhise	Life Member of Indian Science Congress Association
Prof. V.V. Kamble	Life Member of Indian Science Congress Association
Dr. C. J. Khilare and Dr.D.D.Namdass- Members of Editorial Board of International Research Journal Flora and Fauna 2014: Vol. 20 (2) Special Issue	

22. Student projects

- Percentage of students who have done in-house projects including inter departmental/programme **100%**
- Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies **Nil**

23. Awards / Recognitions received by faculty and students

Awarded FISURYA Award of Flora and Fauna to Prin. Dr. C.J. Khilare and Dr. D.D. Namdas

23. List of eminent academicians and scientists / visitors to the department

Sr. No.	Eminent academicians and scientists	Post held and name of Institute
1	Dr. S.S.Kamble	Head, Dept. of Botany, Shivaji University Kolhapur
2	Dr. S.R.Chavan.	Chairman, BOS in Botany, Shivaji University Kolhapur
3	Dr. S. B. Bhamburdekar	Chairman, BOS in Botany, Shivaji University Kolhapur
4	Prof. B.F. Rodrigues	Head, Dept. of Botany, Goa University
5	Prof. C. Manoharachary	Sr. Scientist, Osmania University, Hyderabad
6	Dr. Atul Somani	Head, Dept. of Botany, South Gujrat University.
7	Prof. G.M. Vidyasagar	Professor, Dept. of Botany, Gulbarga University
8	Prof. D.K. Gaikwad	Head, Dept. of Botany, Shivaji University Kolhapur
9	Prof. M. Krishnappa	Professor, Dept. of Botany, Kuvempu University
10	Dr. H.S. Patil	Chairman, BOS in Botany, Pune University
11	Dr. Arjun Rajage	Director, BCUD, Shivaji University, Kolhapur
12	Dr. N.J.Pawar	Vice Chancellor, Shivaji University, Kolhapur



25. Seminars/ Conferences/Workshops organized & the source of funding

a) National

b) International

Sr. No.	Year	Workshop/ Seminar/ Symosium/ conference organized	Funding agency	National/ State/University/ District level	Dates
1	2011-2012	One day Teachers' Workshop on Revised Syllabus of Botany B.Sc.II	Shivaji University Kolhapur	University	30.07.2011
2	2011-2012	One day Workshop on Syllabus Framing of Certificate Course in Biotechnology.	University Grants Commission	University	23.3.2012
3	2012-2013	One day Teachers' Workshop on Revised Syllabus of Botany B.Sc.III	Shivaji University Kolhapur	University	27.07.2012
4	2013-2014	One day Teachers' Workshop on Revised Syllabus of Botany B.Sc.II	Shivaji University Kolhapur	University	31.07.2014
5	2014-2015	One day National Seminar on Green Chemistry and Crop Protection	University Grants Commission	National Seminar	26.3.2015
6	2014-2015	Two days National Conference on Life Sciences: An Outlook and Challenges (NC-LSOC-2014)	University Grants Commission	National Conference	12 & 13 .09.2014

26. Student profile programme/course wise:

Year	Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
2011-2012	B.Sc.I Botany	95	83	31	52	87.36
	B.Sc.II Botany	62	62	19	43	100
	B.Sc.II Plant Protection	23	23	09	14	100
	B.Sc.III Botany	12	12	01	11	100
	P.G. Diploma	20	20	10	10	100
2012-2013	B.Sc.I Botany	113	113	30	83	90.60
	B.Sc.II Botany	68	68	18	50	100
	B.Sc.II Plant Protection	27	27	07	20	100
	B.Sc.III Botany	16	16	02	14	100
	P.G. Diploma	20	20	12	08	100
	B.Sc.I Botany	166	166	46	120	100
	B.Sc.II Botany	90	90	15	75	100



2013-2014	B.Sc.II Plant Protection	38	38	13	25	100
	B.Sc.III Botany	20	20	02	18	100
	P.G. Diploma	20	20	10	10	95
	B.Sc.I Botany	168	168	38	130	92.33
	B.Sc.II Botany	112	112	22	90	100
2014-2015	B.Sc.II Plant Protection	33	33	08	25	100
	B.Sc.III Botany	32	32	03	29	100
	P.G. Diploma	20	20	08	12	100
	B.Sc.I Botany	259	256	102	154	72
	B.Sc.II Botany	109	109	29	80	65
2015-2016	B.Sc.II Plant Protection	39	39	15	24	90
	B.Sc.III Botany	18	118	03	15	100
	P.G. Diploma	20	20	04	16	100

*M = Male *F = Female

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2011-2012	B.Sc. (Botany)	100%	Nil	Nil
2012-2013	B.Sc. (Botany)	100%		
2013-2014	B.Sc. (Botany)	100%		
2014-2015	B.Sc. (Botany)	100%		
2015-2016	B.Sc. (Botany)	100%		

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? **Nil**

29. Student progression

Student progression	Against % enrolled	
	Year	enrolled
UG to PG	2011-2012	16.66
	2012-2013	18.75
	2013-2014	25.00
	2014-2015	09.75
	2015-2016	-

**30. Details of Infrastructural facilities**

- a) Library: Departmental Library- 100 books, Central Library- 1096 books, 10 CDs, 7 Journals, 609 Reference books, 6000 e-journals, 97000 e-books. Department is using service of Central and Departmental library.
- b) Internet facilities for Staff & Students- **Internet, Wi-Fi, Computer with Internet**
- c) Class rooms with ICT facility: **01**
- d) Laboratories- **01-B.Sc.I, 01 B.Sc.II, 01 B.Sc.III, 01 Staffroom, 01 Research Lab with 02 PCs, 02 Printers, 02 Scanners, 02 Projectors.**

31. Number of students receiving financial assistance from college, university, government or other agencies: **Nil**

32. Details on student enrichment programmes (special lectures/ workshops/ seminar) with external experts

Year	Resource Person	College	Date
2011-2012	Dr. Miss. R.B. Bhagat	Agharkar Research Institute, Pune	05/09/2011
2011-2012	Dr.R.B. Deshmukh	Sharadabai Pawar Mahila Mahavidyalay Baramati	05/09/2011
2011-2012	Dr. Nitin Shinde	KBP mahavidyalay Islampur	28/02/2012
2012-2013	Dr. Vinod Shimpale	New College, Kolhapur	05/09/2012
2013-2014	Dr. K.G. Kanade	KBP Mahavidyalay Pandharpur	28/08/2013
2013-2014	Dr. B.V. Jadhav	Balasaheb Desai Colleg Patan	28/02/2013
2013-2014	Dr. P.S. Jadhav	LBS College Satara	28/02/2014
2014-2015	Dr. Shekhar Mohite	LBS College Satara	28/02/2015

33. Teaching methods adopted to improve student learning

Lecture method, Presentations (PPT), Seminars, Group Discussion, Wall Papers, Projects, Field visits, Collection of CDs/VCDs/DVDs of the department, Video clips and its effective uses, use of ICT in teaching learning process, Web site addresses given and use by the students, collection of plant material and preserve in the department, weekly test for T.Y. B.Sc., Tutorials, Preliminary Examinations.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

Cleanliness Campaign, Rallies, NSS activities, Plantation, Collection of Seeds, Cultural programs, Science association exhibition, Department has organize Science exhibition, Biodiversity conservation campaign.

35. SWOC analysis of the department and Future plans**Strengths**

- Committed staff members with strong academic background.
- Commitment to our values- student success and academic excellence.
- Well equipped research laboratory and classrooms.
- Consistently good result
- Organization of departmental projects.
- Good collection of books in library
- Plant specimen- herbarium.
- Experienced, qualified and research oriented staff.

Weakness:

- Staff turnover



- Diverse background of student
- Contractual staff.

Opportunities:

- To introduce short term courses
- To organize seminars, workshops and conferences
- To train students to get placement
- To bring out the hidden qualities so as to increase the self confidence amongst the student
- To make the students aware of the rich biodiversity of western ghats and the need of its conservation

Challenges:

- To develop communication and technical skills among the student
- To organize seminars, workshops and conferences
- To introduce short term courses
- Enrollment of student to low academic profile
- Improve the quality of the student leading to the best UG examination.

Future Plan:

- To organize international conference
- To start PG course like M.Sc.
- To start career oriented courses- food processing, food preservation and technology, horticulture practices and biodiversity of medicinal plant.
- To develop tissue culture laboratory
- To develop departmental e-Library
- To start research activities
- To continue the awareness campaign for environment and natural resources.
- To develop consultancy center for local farmers
- Training center for mushroom cultivation

1. Name of the department : **Chemistry**
2. Year of Establishment : **June 1985**
3. Names of Programmes / Courses offered: **UG,PG and PG. Diploma**
4. Names of Interdisciplinary courses and the departments/units involved: **PG Diploma**
5. Annual/ semester/choice based credit system (programme wise): **UG-Semester & PG. CBCS**
6. Participation of the department in the courses offered by other departments: **STC -Household useful material in laboratory & COC-Biotechnology**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **Nil**
8. Details of courses/programmes discontinued (if any) with reasons: **Nil**
9. Number of Teaching posts

	Sanctioned	Filled
Professors	-	-
Associate Professors	-	2



Asst. Professors	2	2 +7 CHB
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10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Sr. No	Name	Qualification	Designation	Specialization	No. of Year experience	No. of Ph.D. students guided last year
1	Dr. Jagtap D. V.	M.Sc., Ph.D., M.Phil	Asso. Prof.	Organic	33	2
	Prof. Jawale S D.	M.Sc.	Asso. Prof. (Head)	Inorganic	28	N. A.
2	Dr. Khetre S M.	M.Sc., Ph.D., B.Ed., SET.	Assi. Prof.	Organic	15	01+03=04
3	Dr. Chopade A U.	M.Sc., Ph.D., SET. NET, GATE.	Assi. Prof.	Organic	06	N. A.
4	Prof. Sawant R V.	M.Sc., B.Ed., P.G. Dip. In G.C.	Assi. Prof.	Organic	06	N. A.
5	Prof Jadhav S. H.	M.Sc., B.Ed.	Assi. Prof.	Inorganic	03	N. A.
6	Prof. Jadhav S. R.	M.Sc. B.Ed.	Assi. Prof.	Organic	02	N. A.
7	Prof. Ghadge R. S.	M.Sc.	Assi. Prof.	Physical	02	N. A.
8	Prof. Mane P.R.	M.Sc.	Assi. Prof.	Organic	01	N. A.
9	Prof. Hulvan A. R.	M.Sc.,B.Ed., P.G. D.	Assi. Prof.	Organic	01	N. A.
10	Prof. Polsure P. S.	M.Sc., B.Ed.	Assi Prof.	Inorganic	02	N. A.

11. List of senior visiting faculty: Dr G B Kolekar, Dr D V Jagtap, Dr U B More,

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty = 60%

13. Student -Teacher Ratio (programme wise)

Course	2015-16	2014-15	2013-14	2012-13	2011-12
B.Sc. Chemistry	10:1 (100)	7:1 (70)	7.1:1 (43)	8:1 (48)	5:1 (21)
M.Sc. Organic Chemistry	4:1 (43)	4:1 (42)	6:1 (42)	6:1(40)	7:1 (40)
PG. Diploma	10:1 (20)	10:1 (20)	10:1 (20)	10:1 (20)	10:1 (20)

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Sr. No.	Name	Education	Designation	Sanctioned	Filled
1	Mr. Yadav D. Y.	B. Com.,	Lab Assistant	1	1
2	Mr. More D. B.	SSC	Lab Attendant	3	2
3	Mr. Pithe S. S.	SSC	Lab Attendant		



4	Mrs. Bhoj D Y	B.Sc.	Lab Assistant	1	-
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15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Ph.D. 3 (Dr. Jagtap D V, Dr Khetre S M, Dr. Chopade A U),

PG. - 10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received- **Nil**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

College received grant of rupees 50 lakh for development of Science department under DST-FIST Scheme.

	Project title		Funding Agency	Duration
Dr. Khetre S M	Synthesis , Charaterization and application of nanocrystalline mixed metal oxides.	130000/-	UGC	2012-2014
Dr Chopade A U	Asymmetric Synthesis of Baclofen....	200000/-	UGC	2012
Prof. Kapuse V S	Soil analysis of MAN Taluka.....	130000/-	UGC	2012

18. Research Centre /facility recognized by the University:- MPhil and Ph.D. laboratory (From 2011, SUK)

19. Publications:

Sr. No	Name of Faculty	Publications in Peer Reviewed Journals		Listed in Database	Chapters in Books with ISBN /ISSN	Books Edited	Citation Index	Impact Factor	H- index	Total
		National	International							
1.	Dr. S.M. Khetre	12	4	-	-	-	-	1.96	-	16
2.	Dr A.U. Chopade	2	1	-	-	-	-	-	-	3
3.	Dr. D.V. Jagtap	1	1	-	-	-	-	-	-	2
4	Prof. R.V. Sawant	1	-	-	-	-	-	-	-	1



- Citation Index: Dr.S.M. Khetre

<u>Citation indices</u>	All	Since 2011
<u>Citations</u>	110	110
<u>h-index</u>	5	5
<u>i10-index</u>	4	4

20. Areas of consultancy and income generated:- Soil and Water Analysis & Common Facility Centre (Amount= Rs. 22000/- (2015-16)

21. Faculty as members in

- National committees: **2 (life member of Indian Science of Congruous)**
- International Committees
- Editorial Board.

22. Student projects

- Percentage of students who have done in-house projects including inter departmental/programme = **100 % for B.Sc. III and M.Sc. II**
- Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies : **Nil**

23. Awards / Recognitions received by faculty and students:

Best teacher awards -Dr. Chopade A U

Research Guide- Dr. Khetre S M.

**Merit Scholarship 2: of M.Sc. I Student: 1. Nagarjoge A M
2.Patil S. G.**

24. List of eminent academicians and scientists / visitors to the department

- Gulshan Relhan- Ex-Programmer Officer, BRNS & Senior Scientist, BARC, Mumbai
- Dr. B. E Kumara Swamy- Kuvempu university, Shimoga, Karanataka
- Dr. Krishna Reddy- Shri Krishnadevarai University, Anantpur, Andra pradesh,.
- Mr. Sandesh Sawant- Central salt & Marien Chemical research Institute, DIMC division, Bhavnagar, Gujrat
- Dr. B. B. Kale Scientist C-MET, Pune
- Prof. C. D. Lokhande- Head, Department of Physics, Shivaji University, Kolhapur
- Prof. S. K. Pardeshi- Department of Chemistry, Pune University, Pune
- Prof. P. P. Mahulikar- North Maharashtra University, Jalgaon
- Dr. K.G. Kanade- K.B.P College, Pundharpur
- Prof. Dr. M. A. Anuse- Head , Department of Chemistry, Shivaji University, Kolhapur
- Dr. G N Mulik- Chairman BOS in Chemistry, Shivaji University, Kolhapur

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National

Year	Title	National/State/ University	Funding Agency	Amount
2013-14	National Conferences on Recent trends in Chemistry: nanosciece	National	UGC	125000/-
	One day teacher's workshop on revised	University	Shivaji University	22000/-



	syllabus of M.Sc. II			
2012-13	One day teacher's – Student workshop on Soil and water analysis	Under Lead College Scheme	Shivaji University	12000/-
	One day teacher's – Student workshop on Instrumental Techniques	Under Lead College Scheme	Shivaji University	12000/-
2015-16	One day workshop on revised syllabus of B. Sc III Chemistry	University	Shivaji University	18000/-
	One day workshop on Business Development	Regional (MoU With Maan Deshi Foundation)	Self-funded	-----

b) International: Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Year	Selected	Enrolled		Pass percentage
				*M	*F	
B.Sc. T Y	165	2015-16	100	54	45	83.33
B.Sc. T Y	133	2014-15	70	39	31	98.48
B.Sc. T Y	93	2013-14	43	18	25	90.47
B.Sc. T Y	54	2012-13	48	31	17	97.92
B.Sc. T Y	36	2011-12	28	13	15	100

*M = Male *F = Female

27. Diversity of Students :Nil

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc.I	100 %	Nil	Nil
B.Sc.II	100 %	Nil	Nil
B.Sc.III	100 %	Nil	Nil
M.Sc. I	100 %	Nil	Nil
M.Sc. II	100 %	Nil	Nil
PG. Diploma	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc? : **02 NET, 01 SLET, 01**

**Civil Services.****29. Student progression**

Student progression	Against % enrolled
UG to PG	50
PG to M. Phil.	-
PG to Ph.D.	2
Ph.D. to Post-Doctoral	-
Employed <ul style="list-style-type: none">• Campus selection• Other than campus recruitment	15 % 05 %
Entrepreneurship/Self-employment	1-2 %

30. Details of Infrastructural facilities

- Library **Yes**, **Departmental Library, Chemiedraw software, (References Books = 40)**
- Internet facilities for Staff & Students: **Yes (Two Computers with internet and Wifi Department)**
- Class rooms with ICT facility:-1
- Laboratories = 4

31. Number of students receiving financial assistance from college, university, Government or other agencies. B. Sc. III 2015-16 (65)

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts :

- 1) Special lecture by Prof. Dr. P. N. Bhosale, Dr.G.B.Kolekar
- 2) One day workshop was organized on Instrumental techniques.
- 3) Participations of P. G. students in national seminars
- 4) Organization of Chem. Quiz for B. Sc. III students.

33. Teaching methods adopted to improve student learning; **PPT, Seminar, Chem Quiz, Wallpaper Presentation, ICT, Models, Demo Instrumentations, Charts, Chem. Draw software, Question answering.**

34. Participation in Institutional Social Responsibility (ISR) and Extension activities;

- 1) **Dept. participates in cleanliness drive.**
- 2) **Water and Soil Analysis.**
- 3) **Vivak wahini,**
- 4) **Prof. S. D. Jawale, Dr. S. M. Khetre & DR. A. U. Chopade have exersized the national duty by working as presiding officer for loksabha elections.**

35. SWOC analysis of the department and Future plan.

Strength

- M. Phil & Ph.D University recognized research laboratories
- PG course in Organic Chemistry.



- CFC centre with advanced instruments like FT-IR, AAS, Flamephotometer, Rotatory evaporator, Polarometer, Fume Hood etc.
- Organization of seminar\ workshop\Conferences etc.
- Research culture in department
- Faculty with Ph.D.
- Water and Soil analysis consultancy

Weakness:

- No separate space for physical Laboratory.
- Student Teacher ratio is low.

Opportunities:

- Introduction of diploma course in soil and water analysis
- Consultancy services in soil and water analysis through CFC centre.
- Use of CFC for research projects.

Challenges:

- Organization of International Conferences.
- Expansion with existing infrastructure facilities.

Future Plan:

- Submission of proposals for project MRPs
- To start Milk Processing Certificate Course.
- To organize international seminar.
- To increase intake capacity of M. Sc. From 20 to 40.
- To initiate Collaborative/Interdisciplinary activities.

1. Name of the department :- **Physics**
2. Year of Establishment :- **1985**
3. Names of Programmes/Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc) :- **UG (B.Sc Physics)**
4. Names of Interdisciplinary courses and the departments/units involved :-

Department of Physics involved for the research in the field of -With Chemistry department for materials Science, thin films, nanomaterials and Botany department for synthesis of nanoparticle from plants leaf for biomedical application.

5. Annual/ semester/choice based credit system (programme wise) :- **Semester system (Shivaji University, Kolhapur)**

6. Participation of the department in the courses offered by other departments: - **B.Sc III students are participate in short term course on “Synthesis of household useful material in laboratory” offered by computer science department.**

7. Courses in collaboration with other Universities, Industries, Foreign institutions, etc.:- **MOU with Influence Computer Education, Kolhapur (Maharashtra)**

8. Details of courses/programmes discontinued (if any) with reasons :- **Nil**

9. Number of Teaching posts

	Sanctioned	Filled
Professors	-	-
Associate Professors	01	01



Asst. Professors	2(1/2)	01
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Grantable- 3(1/2)

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Prof. M. N. Patil (Up to 28 Feb,2015)	M.Sc., M.Phil	Head Asso.Prof.	Material science	28	Nil
Dr.V. S. Jamdade	M.Sc., Ph.D	Asst.Prof. (Head from 02/03 /2015)	Solid state physics	04	Nil
Dr. V. D. Patake	M.Sc., Ph.D	Asst.Prof. (CHB)	General Physics	06	Nil
Prof.R.M.Jadhav	M.Sc	Asst.Prof. (CHB)	Optics	03	Nil
Prof P K Katkar	M.Sc	Asst.Prof. (CHB)	General Physics	01	Nil
Prof. N S Padalakar	M.Sc	Asst.Prof. (CHB)	General Physics	01	Nil

11. List of senior visiting faculty: - **Prof. M. N. Patil**

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty :- **43%**

13. Student -Teacher Ratio (programme wise) :- **B.Sc-III- 6 : 1**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :-**03**

15. Qualifications of teaching faculty with DSc/D.Litt/Ph.D/MPhil/PG.:**-Ph.D :- 02,MPhil :-01,M.Sc:-03**

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received :- **Nil**

17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: - **College received DST-FIST research grant Rs. 50 lacks for science departments (Physics, Chemistry, Botany, Zoology)**

18. Research Centre /facility recognized by the University :- **Nil**

19. **Publications:**

a) Publication per faculty:-

i) **DR.V.S.JAMADADE INDIAN PATENTS- 04**

A. **PUBLICATION IN INTERNATIONAL AND NATIONAL JOURNALS/PROCEEDINGS- 10**

B. Paper presented in international and national conferences – **15**

• Number of paper published in peer reviewed journals (national / international) by faculty and students :-



- 1) **Dr. V.S. Jamadade – 05**
 - Number of publications listed in International Database (For E.g.: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) :-
- 1) **Dr. V.S. Jamadade – 05**
 - Monographs :- **Nil**
 - Chapter in Books :- **Nil**
 - Books Edited :- **01**- Dr. V.S. Jamadade - Co-Editor Proceeding Of National Conference On Recent Trends in Chemistry 2013 (ISBN No-978-93-5126-367-8)
 - Books with ISBN/ISSN numbers with details of publishers :- **Nil**
 - Citation Index :- 1) Dr. V.S. Jamadade- **98**
 - SNIP :- **Nil**
 - SJR :- **Nil**
 - Impact factor :- Average Impact factor- 2.50
 - h-index :- **10**
20. Areas of consultancy and income generated :- **Nil**
21. Faculty as members in
 - a) National committees b) International Committees c) Editorial Boards- **Nil**
22. Student projects
 - a) Percentage of students who have done in-house projects including inter departmental/programme: -
 - 1) **Wall Paper Presentation - 100% (four times in year)**
 - 2) **Science Exhibition on 28 Feb of every year - 100%**
 - b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies: - **Nil**
23. Awards/ Recognitions received by faculty and students :-
Faculty Dr. V.S. Jamadade received award in :-
 1. National conf. on life science - Best Research Paper award
 2. PG recognition from shivaji University Kolhapur
24. List of eminent academicians and scientists/ visitors to the department :-
 1. **Dr. R.S.Patil- The New College Kolhapur**
 2. **Dr. L.D. Kadam- Y.C.I.S. Satara**
 3. **Dr. A. D. Jagadale – JSPS Fellow Japan**
 4. **Dr. Nishad Deshpande –Shivaji University Kolhapur**
 5. **Dr. S. I. Patil- Sawitribai Phule University, Pune**
 6. **Dr. S. D. Dole - Sawitribai Phule University, Pune**
 7. **Dr. H. M. Pathan - Sawitribai Phule University, Pune**
25. Seminars/ Conferences/Workshops organized & the source of funding
 - a) National: - **Nil**
 - b) International: - **Nil**
 - c) University Level:-02 (One Day Workshop)
A. Innovations In Physics on 13th March 2013
B. Recent trends in physics and technology on 9th Feb 2015
-Source of Funding –Shivaji University, Kolhapur (Lead College Scheme)
26. Student profile programme/course wise:



Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage (%)
			*M	*F	
B.Sc-III (2011-2012)	05	04	01	03	75
B.Sc-III (2012-2013)	16	15	05	10	100
B.Sc-III (2013-2014)	17	16	08	08	100
B.Sc-III (2014-2015)	22	20	05	15	95
B Sc III (2015-16)	33	32	05	27	96.87

*M=Male F=Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc-I	100	Nil	Nil
B.Sc-II	100	Nil	Nil
B.Sc-III	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

Defence services – 1. Jadhav Banutai Lalasaheb, 2. Pisal Rohit Rajendra

29. Student progression

Student progression	Against % enrolled
UG to PG	16.36 %
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
Campus selection	18
Other than campus recruitment	02
Entrepreneurship/Self-employment	80

30. Details of Infrastructural facilities

a) Library:-02 (College & Department)

b) Internet facilities for Staff & Students: - 02 Computer (Internet Connected)



- c) Class rooms with ICT facility: - **2 Rooms**
d) Laboratories: - **04 (02-Practical labs as well as one dark & one semi-dark room)**
Number of students receiving financial assistance from college, university, government or other agencies:- **10 B.Sc III (Category Students)** receiving financial assistance from government **Category Students**

31. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts: -1. **Students seminars** - Prof. A. N. Alekari (external expert)
2. **Physics Quiz Competition** –Prof. A. N. Alekari (external expert)
3. **Special Lecture** – By Dr. A. D. Jagdale (JSPS Fellow Japan)

32. Teaching methods adopted to improve student learning :-**ICT Based (Video, Clips ,PPT, etc)**

33. Participation in Institutional Social Responsibility (ISR) and Extension Activity :-
Institutional Social Responsibility Activity

A. Prof. M.N. Patil has participate and worked as Presiding Officer in Loksabha Election

B. Dr. V.S. Jamadade has participate and worked as Presiding Officer in Loksabha election and Gram-panchayat election.

Extension Activity:

i. Organization of Study Tour, Industrial Visit.

ii Students participation in NSS, Workshop, Seminars

34. SWOC analysis of the department and Future plans:-

Strengths:-

- Demand ratio of students for physics is high.
- Affordable fees for the student
- Clean, friendly and environment for education.
- Faculty members are actively engaged in the research.

Weaknesses:-

- Fund constraint.
- Inadequate Infrastructure and research facilities.

Opportunities:-

- To Introduce PG program.
- To improve research output of faculty.
- To improve communication & technical skills of the students.
- To enhance academic excellence.
- Increasing the interest of students in research field.

Challenges:-

Involvement of all alumni in various activities of the college finding time slot to introduce short term courses. Expansion with the existing infrastructure facility.

Future Plans:-

- Submission of Minor/Major research Projects
- Organization of seminars/Workshops for B.Sc. I, II, III students.
- To start the Research Centre in the Physics department.
- To take the various projects in Physics for students and teachers.
- To publish research work in reputed National and International journals.



1. Name of the department :- **Zoology**
2. Year of Establishment:- **June 1987**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :- **UG**
4. Names of Interdisciplinary courses and the departments/units involved:- **1) P.G. Diploma In Green Chemistry and Crop Protection. 2) COP-Watershed Management and Technology**
5. Annual/ semester/choice based credit system (programme wise) :- **Semester**
6. Participation of the department in the courses offered by other departments:- Short term Course- **Household Chemicals.**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. :- **Nil**
8. Details of courses/programmes discontinued (if any) with reasons :- **Nil**
9. Number of Teaching posts

	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	03	1+2 (CHB)

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specilization	No. of Years of Experience
Prof.Dr.Lubal M.J.	MSc. PhD	Asst. Prof.	Environmental Biology	14
Prof.Dr.Tavare S.S.(Up to 7/11/2015)	MSc.PhD	Asst. Prof.	Environmental Biology	02
Prof.Mahadik Y.M.	MSc.BEd	Asst. Prof.	Physiology	01
Prof. Pol S.U.(up to 30/4/2015)	MSc.	Asst. Prof.	Cell Biology	02
Prof. Ghadege T. P	M Sc	Asst. Prof.	Physiology	01

11. List of senior visiting faculty:- **Dr. Bodare R.D., Dr. Gaikwad A.R., Dr. R.S. Dubal.**
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:- **65%**
13. Student -Teacher Ratio (programme wise) :- **3:1**
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled :- **One Assistant and One Attendant**
15. Qualifications of teaching faculty with D.Sc/ D.Litt/ Ph.D/ MPhil/- **Ph.D-02, PG.-:03**
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:- **Nil**
17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received:- **College received DST-FIST research grant Rs. 50 lacks for**

**science departments (Physics, Chemistry, Botany, Zoology)****18. Research Centre /facility recognized by the University:-Nil****19. a) Publication per faculty :-**

S r N o	Name of Faculty	Publications in Peer Reviewed Journals		Listed in Database	Chapters in Books with ISBN/ISSN	Books Edited	Citation Index	Impact Factor	H- index	Total
		National	International							
1	Dr.Lubal M.J.	02	03	-	-	02	-		-	07
2	Dr.Taware S.S	03	07	-	-	-	-	0.422	-	10
3	Prof.Pol S.U.	02	-	-	-	-	-	-	-	02
4	Prof.Mahadik Y.M.	-	01	-	-	-	-	-	-	01

b)Number of papers published in peer reviewed journals (national / international) by faculty and students :-**17**

- Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.):**-Nil**

- Monographs: -

- Chapter in Books: -

- Books Edited :- **02**

Books with ISBN/ISSN numbers with details of publishers:- **Book Publications (2)**

1	A HANDBOOK OF PRACTICAL ZOOLOGY: B.SC. II (AS PER REVISED SYLLABUS OF SHIVAJI UNIVERSITY KOLHAPUR) 1 ST EDITION (2015) V. V. AJAGEKAR, K. J. ADATE, S. S. PATIL, S. A. MANJARE AND M. J. LUBAL
2	A HANDBOOK OF PRACTICAL ZOOLOGY: B.SC. II (AS PER REVISED SYLLABUS OF SHIVAJI UNIVERSITY KOLHAPUR) 2 ND EDITION (2015) V. V. AJAGEKAR, K. J. ADATE, S. S. PATIL, S. A. MANJARE AND M. J. LUBAL

Tejas publications Kolhapur ISBN: 987-81-930142-1-9

- Citation Index :- **Nil**

- SNIP:-**Nil**

- SJR:-**Nil**

- Impact factor :- **0.422**

- h-index :- **Nil**

20. Areas of consultancy and income generated :-Checking of Hb% of women, Apiculture, Vermiculture and Sericulture

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....**Nil**

22. Student projects



- a) Percentage of students who have done in-house projects including inter departmental/programme:-**05 Projects**
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies :- **Nil**
- 23. Awards/ Recognitions received by faculty and students:-Dr. Tavare S.S:- Ph D awarded**
- 24. List of eminent academicians and scientists/ visitors to the department:-Prin. Dr. Sanjay Kharat, Prin. Dr. Sanjay Chakane, Prof. B. F. Rodrigues, Dr. A.K. Srivastav, Prof. C. Monoharachary, Prof. B.M. Waghmare**
- 25. Seminars/ Conferences/Workshops organized & the source of funding—**
- a)National Level-
- 1) National Conference on Recent Trends In Biology: Nano science--UGC-13&14/12/2013
- 2) National Conference – Life Sciences: An outlook And Challenges—UGC-12&12/09/2014
- b) Workshops
- 1) One Day Teachers Workshop on Revised Syllabus of Zoology-B.Sc. III— Shivaji University Kolhapur -31/07/2012**
- 2) Recent Trends in Computational Biology-- Shivaji University Kolhapur-31/01/2012**
- 26. Student profile programme/course wise:**

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BSc-III Zoology-2010-2011	10	10	08	02	100%
2011-2012	10	10	07	03	100%
2012-2013	07	07	03	04	100%
2013-2014	13	13	02	11	100%
2014-2015	12	12	10	02	100%
2015-2016	11	11	02	09	100%

*M=Male F=Female

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BSc-I-Watershed Mgt. & Tech. 2010-2011	30	30	08	02	100%
2011-2012	40	40	11	29	100%
2012-2013	57	57	30	27	100%
2013-2014	59	59	29	30	100%
2014-2015	63	63	37	26	100%



Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2015-2016	169	169	47	122	100%

*M=Male F=Female

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
Diploma- Green Chemistry & crop Protection. 2010-2011	20	20	18	02	100%
2011-2012	20	20	11	09	100%
2012-2013	20	20	10	10	100%
2013-2014	20	20	09	11	100%
2014-2015	20	20	17	03	100%
2015-2016	20	20	07	13	100%

*M=Male F=Female

27. Diversity of Student

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc.-III Zoology	100%	Nil	Nil
B.Sc.I -Watershed Mgt.& Tech	100%	Nil	Nil
Dip. In GreenChemistry & crop Protection	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? – One student in defense service – Mr. Birdev Dadas

29. Student progression

Student progression	Against % enrolled
UG to PG	55%
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	-
Entrepreneurship/Self-employment	45%



30. Details of Infrastructural facilities
 - a) **Library: Departmental Library, Central Library**
 - b) **Internet facilities for Staff & Students - Available**
 - c) **Class rooms with ICT facility-01**
 - d) **Laboratories-Two well equipped laboratories**
31. Number of students receiving financial assistance from college, university, government or other agencies-2015-16 – **03 students.**
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts-
 - a) University level workshop
 - b) Two National conferences
 - c) One Day workshop
 - d) COP – Watershed Management and Technology
 - e) Special lectures by eminent persons.
33. Teaching methods adopted to improve student learning: **ICT, Group Discussion, Seminars, Films, ppt**
34. Participation in Institutional Social Responsibility (ISR) and Extension activities-
 - 1) **Checking of Hb% of women**
 - 2) **Study Tour**
 - 3) **N.S.S.- As Programme Officer**
 - 4) **Water testing**
 - 5) **Consultancy to farmers- About vermiculture, sericulture and apiculture**
 - 6) **Worked as Presiding officer for various Govt. elections**
35. SWOC analysis of the department and Future plans

Strength:

- Well equipped two laboratories
- Consistently good result
- Departmental projects
- Good collection of books in library

Weakness:

- Less permanent faculty

Opportunities:

- To introduce short term and PG courses
- To organize seminars/conferences
- To conduct interdisciplinary activities

Challenges:

- To develop communication and practical skills among student
- To organize seminars/conferences
- To provide placement opportunities

Future Plan:

- To start short term and PG course
- To organize seminars/conferences
- To strengthen research activities
- To initiate interdisciplinary activities
- To initiate faculty exchange programme with neighboring institutes



1. Name of the department : **Computer Science**
2. Year of Establishment : **2015**
3. Names of Programmes/Courses offered : **UG – B.Sc.**
4. Names of Interdisciplinary courses and the departments/units involved: **Nil**
5. Annual/semester/choice based credit system(programme wise): **Semester**
6. Participation of the department in the courses offered by other departments: **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: **Nil**
8. Details of courses/programmes discontinued(if any)with reasons: **Nil**
9. Number of Teaching posts.

	Sanctioned	Filled
Professors	-	-
AssociateProfessors	-	-
Asst.Professors	4	3(CHB)

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D./M.Phil.etc.,)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guidance
Mr.Kolekar S.V.	MCA	Assistant Professor	Computer	03 Years	-
Miss. Patil T.P.	MSc	Assistant Professor	Computer Science	01 Years	-
Miss. Sankpal S.A.	MCA	Assistant Professor	Computer Application	01 Years	-

11. List of senior visiting faculty: **Nil**
12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: **100%**
13. Student-Teacher Ratio(programme wise): **4:1**
14. Number of academic support staff(technical) and administrative staff; sanctioned and filled: **Nil**
15. Qualifications of teaching faculty with Ph.D/MPhil/PG. : **PG-03**
16. Number of faculty with ongoing projects from a)National b)International funding agencies and grants received: **Nil**
17. Departmental projects funded by DST-FIST;UGC, DBT, ICSSR,etc.andtotal grantsreceived:**Nil**
18. Research Centre/facility recognized by the University: **Nil**
19. Publications:**Nil**
*Number of publications listed in International Database (For Eg: Web of Science, Scopus, Humanities International Complete, Dare Database-International Social Sciences Directory, EBSCO host, etc.) : **Nil**



20. Areas of consultancy and income generated: **Nil**
21. Faculty as members in
 a) National committees b) International Committees c) Editorial Boards...**Nil**
22. Student projects
 a) Percentage of students who have done in-house projects including inter departmental/programme: **100%**
 b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories /Industry/ other agencies: **Nil**
23. Awards/Recognitions received by faculty and students: **Nil**
24. List of eminent academicians and scientists / visitors to the department:

Sr	Name	Designation
1	Prof. Vishwasrao Ghare	Krishna Institute of Computer & Application, Wathar
2	Prof. Sadavare A.B.	S.G.M. College, Karad

25. Seminars/Conferences/Workshops organized & the source of funding
 a) National- Nil
 b) International – **Nil**
26. Student profile programme/coursewise:

Name of the Course / programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
BSc(C.S.) -III (2015-2016)	12	12	01	11	83.33%

*M=Male *F=Female

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
BSc (C.S.)	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc ? **Nil**

29. Student progression

Student progression	Against % enrolled	
UG to PG	33.33	
Employed Campus selection	Year	Selected
	2015-16	03(25%)
Other Than Campus recruitment	Nil	



Self-employment	Nil
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30. Details of Infrastructural facilities

- Library: Department is using service of Central and Departmental Library.
- Internet facilities for Staff & Students: Internet, Wi-Fi and Laboratory with Computer
- Class rooms with ICT facility: 01
- Laboratories: 02 Computer labs with 50 PCs, 02 Printers, 01 Scanner and 01 LCD Projector

31. Number of students receiving financial assistance from college, university, Government or other agencies: Nil

32. Details on student enrichment programmes (speciallectures /workshops /Seminar) with external experts

Sr.	Date	Subject	Resource Person
1	01/02/2016	One Day Workshop on Web Development and Live Hosting	Prof. Vishwasrao Ghare (Krishna Institute of Computer & Application, Wathar)
2	01/02/2016	One day workshop on Software Development Tool And Technique	Prof. Sadavare A.B. (S.G.M. College , Karad)

33. Teaching methods adopted to improve student learning:

Lecture Method, Presentations (PPT), Seminars, Group Discussion and Projects.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Student participate in the activities undertaken by college like cleanliness campaign, rallies, NSS activities, Cultural programs, Sports, Gandhi Foundation Examination on Gandhi's Thought, M.K.C.L.'s Maha IT Genius examination, etc.

35. SWOC analysis of the department and Future plan.

Strength:

- Well-equipped computer laboratory
- Organization of departmental projects
- Good collection of books in library

Weakness:

- The department is on permanent non-grant basis
- Many members of teaching staff leave the job after experience for better employment

Opportunities:

- To organize seminars/conferences
- To train students to get placement

Challenges:

- To develop communication and technical skills among students
- To organize seminars/conferences
- To provide placement opportunities

Future Plan:

- To organize seminars/conferences
- To start research activities
- To sign MoU with industrial sector for placement.



POST-ACCREDITATION INITIATIVES

The college went through the process of reaccreditation in 2010 in which the college acquired 'B' Grade with CGPA 2.79. Following the suggestions and recommendations of the Peer Team the college worked zealously to bring about the necessary changes and improvement. Now, the college is ready to face the 3rd cycle of accreditation in the year 2017.

Following initiatives have been taken by the college to enhance the quality in teaching learning process, research, sports, cultural and extension activities during the post-accreditation period:

- The college has submitted various proposals for seeking funds from various agencies to upgrade physical infrastructure, laboratories, library resources, ICT, sports facilities, research activities and office administration.
- The college is given the status of Lead College status by Shivaji University under the lead college scheme and the status of Cluster College for conducting university examinations in 8 colleges.
- There has been a significant quantitative and qualitative progress in the area of research in the last five years.
- The college has taken systematic efforts to inculcate research attitude among students by organizing district level AVISHKAR Research Competition and through poster presentations on four different occasions.
- The college has expanded its infrastructure by constructing indoor sports complex, Golden Jubilee Building (that includes YCMOU Centre, Competitive Examination Guidance Centre, 7 departments, Exam centre) Extension of library and laboratories, Common facility centre, floodlight Basketball court, 20 grounds for 19 games through Karmaveer Sports Academy, Guest House, renovations of classrooms, cement roads with pavers etc.
- The College organized 48 national, state and university level seminars/conferences/workshops during the last five years to enhance the knowledge base of the faculty and students in their respective areas.

Department	National	State	University	No. of Resource Persons
Library	--	01	--	05
Marathi	--	--	01	04
Hindi	02	--	01	12
History	02	--	01	12
Political Sci.	02	--	--	08
Economics	01	02	01	15
Commerce	01	01	04	18
English	--	--	02	08
Geography	01	01	--	08



Chemistry	01	--	04	16
Botany	02	--	04	24
Zoology	03	01	02	24
Physics	01	--	03	13
Education	01	--	--	03
IQAC	02	--	--	16
Total	19	06	23	186

- Nineteen Minor Research Projects to the tune of Rs. 19, 75,000 have been completed and 03 Minor Research Projects are going on. The faculty has submitted proposals for 7 Minor Research Projects.
- The faculty is encouraged to present research papers in seminars and conferences by providing **seed money** financial assistance of Rs. 1, 08,076/- during financial years 2011-12 to 2015-16.
- The college has organized **11 workshops** on the revised syllabi on different subjects, and 01 workshop on Exam reform for the students and teachers.
- The college hosted the District Level **Youth Festival** of Shivaji University, Kolhapur to motivate the students for their active participation in cultural activities.
- The college has hosted 05 zonal and **02 inter-zonal** level sports events during the last five years.
- The college takes due care of the injured sports persons by providing them **financial assistance** for medical treatment. This creates a sense of security and confidence in them.
- Adhering to the policy of fostering global competencies the college has started several new age programs and courses in Microbiology, **B. Sc. in Computer Science**. There is also a rise in bridge, remedial and add-on courses.
- Financial assistance has been given to the sports persons participating at state, national and international levels. The college has set up **well-equipped gymnasium** having equipments worth Rs. Five lakhs. The sports department has developed a floodlight basketball court through the UGC funding of Rs. 20, 00,000.
- The college has established **Karmaveer Sports Academy** under the guidance and funding of parent institution. It aims at providing world class facilities to sportspersons from all branches of parent institution as well as for promising sportspersons from Man region.
- The college provided all possible support to **Lalita Babar**, a student of YCMOU study centre in the college who represented India in **Reo Olympics 2016** and who is eminent inter-national athlete.
- The college has undergone its Academic and Administrative Audit (AAA) through the panel of external peers under Rayat Quality Management System (**RQMS**).
- The college initiated an innovative activity entitled **Weekly News Bulletin** that presents periodical reviews of activities on the campus in the form of news presentation and provides feedback on the same.
- The college has designed a **dynamic website** for its stakeholders.



- The college has developed linkages/collaborations with external organizations for MoUs. So far, out of more than twenty linkages, **13 MoUs** are signed. It has proved beneficial for students as they get opportunity to have hands-on experience.
- The college has installed a vigilance system with **16 CCTV cameras** to maintain discipline and better security.
- The college has introduced **07 COPs** to develop different skill among the students and make them employable. The COPs introduced are

- | |
|--|
| <ol style="list-style-type: none">1. Yoga Studies2. Foundation Course in Human Rights3. Computer Accountancy Tally Package4. Watershed Management and Technology5. Soil and Water Analysis6. Biotechnology7. Translation and Communicative Proficiency |
|--|

- The library is **fully computerized** and enriched with INFLIBNET for e-resources and new textbooks, reference books and periodicals are added to it.
- All departments have their own **departmental libraries**.
- A separate computer laboratory for B.Sc. Computer Science has been developed.
- A well-equipped **Commerce Laboratory** has been set up.
- All the existing laboratories have been renovated and updated by adding modern equipments. The Chemistry and Botany laboratories have been recognized as the **research laboratories for M. Phil. and Ph.D.** by Shivaji University, Kolhapur.
- The efforts have been taken to invite many organizations for **campus interviews** to strengthen placements of the students. During the last five years different organizations like WIPRO, Infosys, TCS, IBM, and Influence Computers visited the college for campus interviews through which 201 students got placement.
- The college organizes **Marketing Fairs** for skill development every year to promote self-employability among students.
- **Active alumni** association who instituted various prizes to felicitate proficient students in academics, sports and cultural activities.
- **Green Audit, Water Audit and Energy Audit** of the campus has been carried out in order to make college eco-friendly. The college has consciously made efforts to create awareness among the stakeholders against environment pollution.
- A **vermin composting unit** has been developed to use the waste material to create bio-fertilizer which is being used for plants.
- The college promotes scientific temperament through activities of **Vivek Vahini**.
- The faculty and administrative staff are felicitated for their achievements at Annual Prize Distribution every year.
- The teaching and non-teaching staff as well as students **donate book** to the library on their birthdays.
- The college celebrated its **Golden Jubilee Year** in 2014-15 by organizing various activities throughout the year. The construction of '**Golden Jubilee Building**' through donation by staff and stakeholders is a milestone in the history of the college.
- The Principal has also succeeded in motivating the staff to contribute to the development of the college by working beyond official time-limit.



A Review of the Development Index of the college since Re-accreditation in 2010


Information		First Cycle (2004-2010)	Second Cycle (2010-2016)	
Number of Programs:				
Program options		22	27	
New graduate/postgraduate departments		-	05	
Certificate courses/COPs		02	06	
No. of Diploma Courses		01	01	
No. of short term courses		10	14	
Evaluation system		Annual	Semester, CBCS (for P.G.)	
Teacher quality				
	Ph. D. holders	09	14	
	Research Guides	03	07	
	NET/SET qualified	08	18	
	Post-doctoral	00	01	
	M Phil	12	07	
Major Research projects	Completed	0	02	
	Ongoing	0	0	
Minor research projects	Completed	02	18	
	Ongoing	11	03	
	Submitted	10	07	
Collaborations/linkages		10	20	
MoUs		04	09	
Paper presentations		26	251	
Research publications	International	08	78	
	National	10	59	
	State	0	10	
Proceedings	National	01	06	
	State	0	03	
National/state conferences/seminars organized	National	04	19	
	State	02	06	
	University	10	23	
Seminar/Conferance/ Workshops attended		232	356	
Funds under DST-FIST		0	50,00,000/-	
Infrastructure development				
ICT	Built-up area	Sq. fts.	16021.09	78797.95
	Computers		80	123
	Laptops		05	09
	Printers		11	25
	Scanners		04	10
	LCD Projectors		07	13
	Reprography units		04	07
	CCTV cameras		0	16
	Smart board		0	01
Library		Partially computerized	Fully computerized	
	Textbooks		47117	39290



	Ref. Books	20766	22764
	Magazines	42	38
	E-journals	2106	6000+
	E-Books	51000	35000+
	INFLIBNET	Yes	Yes
Rainwater Reservoir	Units	02	04



Declaration by the Head of the Institution

 Estd. 1965	<p>"Education through self-help is our motto"-KARMVEER</p> <p>Rayat Shikshan Sanstha's</p> <p>Dahiwadi College Dahiwadi</p> <p>Tal.Man, Dist.Satara : 415 508</p> <p>[Arts, Science, Commerce & Vocational Education]</p> <p>Founder : Padmabhushan Dr.Karmaveer Bhaurao Patil <i>D.Litt.</i></p> <p>[NAAC ACCREDITED at 'B' (CGPA 2.79)]</p>	Jr.College No. J-21.06.001
Prin.Dr.Khilare C.J. [M.Sc.,M.Phil.,Ph.D.]		STD (02165) (O) 220231 (R) 220328 (C) 221131
(Affiliated to Shivaji University, Kolhapur)		E-mail : str_dahiwadi@sancharnet.in

Ref.No.
Date : / /20

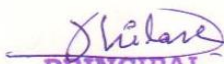
Declaration by the Head of the Institution

I certify that the data included in this Self-study Reports (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

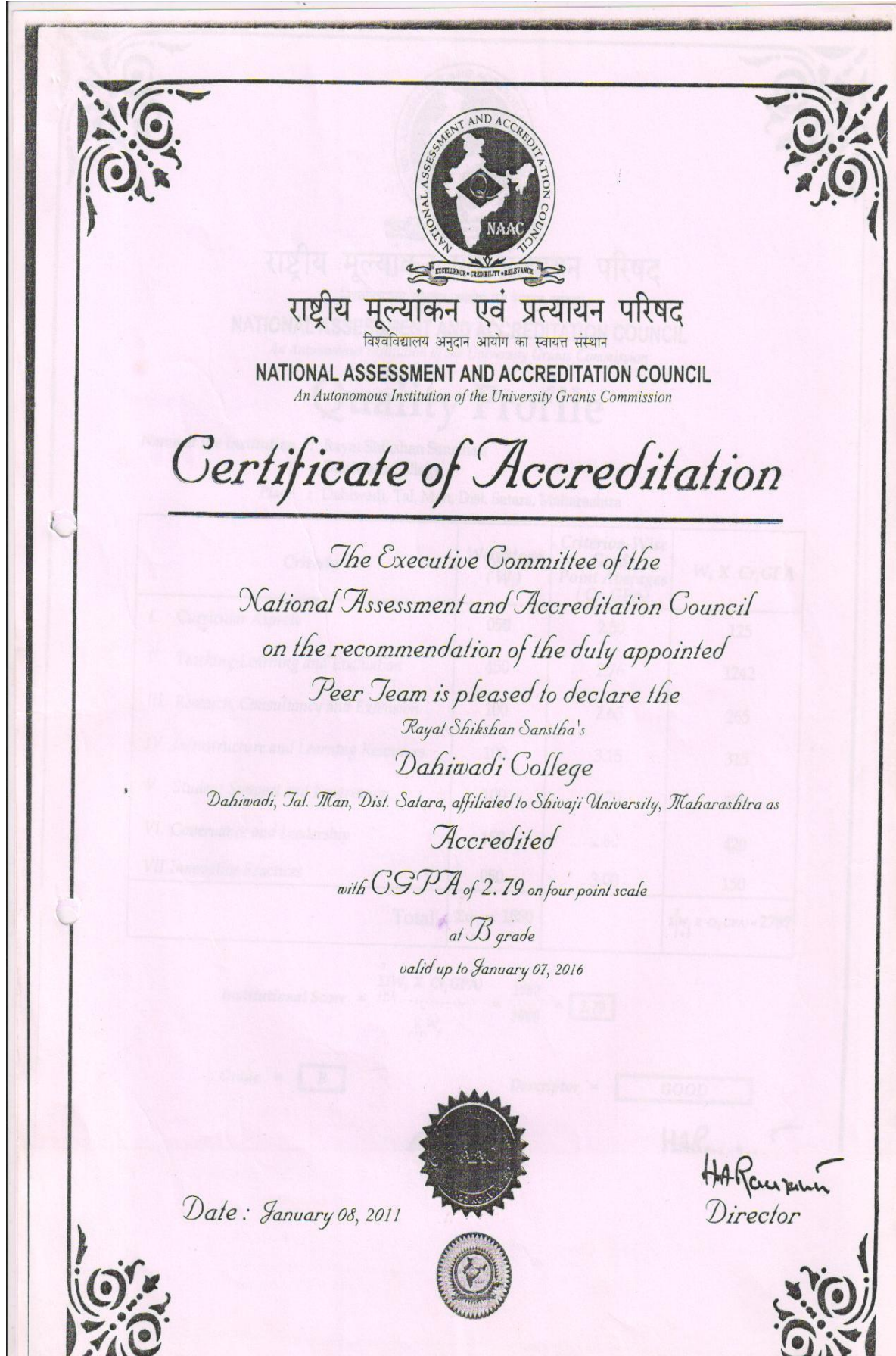
I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

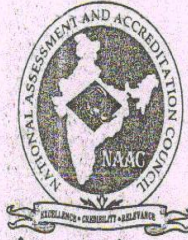



PRINCIPAL,
Signature of the Head of the institution
TAL. MAN, DIST. SATARA.

Place : Dahiwadi

Date : 29/12/2016





राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विराटविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Quality Profile

Name of the Institution : Rayat Shikshan Sanstha's
Dahiwadi College

Place : Dahiwadi, Tal. Man, Dist. Satara, Maharashtra

Criteria	Weightage (W_i)	Criterion-Wise Grade Point Averages (Cr_i GPA)	$W_i \times Cr_i$ GPA
I. Curricular Aspects	050	2.50	125
II. Teaching-Learning and Evaluation	450	2.76	1242
III. Research, Consultancy and Extension	100	2.65	265
IV. Infrastructure and Learning Resources	100	3.15	315
V. Student Support and Progression	100	2.70	270
VI. Governance and Leadership	150	2.80	420
VII. Innovative Practices	050	3.00	150
Total	$\sum_{i=1}^7 W_i = 1000$		$\sum_{i=1}^7 (W_i \times Cr_i \text{ GPA}) = 2787$

$$\text{Institutional Score} = \frac{\sum_{i=1}^7 (W_i \times Cr_i \text{ GPA})}{\sum_{i=1}^7 W_i} = \frac{2787}{1000} = 2.79$$

Grade = **B**

Descriptor = **GOOD**

Date : January 08, 2011



HARMAN
Director

- This certification is valid for a period of Five years with effect from January 08th 2011
- An institutional CGPA on four point scale in the range of 3.01 - 4.00 denotes A grade (Very Good), 2.01 - 3.00 denotes B grade (Good), 1.51 - 2.00 denotes C grade (Satisfactory)
- Scores rounded off to the nearest integer.

EC/54/RAR/070



Ph. 23236351, 23232701, 23237721, 23234116
23235733, 23232317, 23236735, 23239437
UGC Website: www.ugc.ac.in



विश्वविद्यालय अनुदान आयोग
बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

F. 1-1/2004 (CPP-I)
18th November, 2008

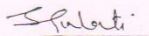
The Principal,
Dahiwadi College,
Dahiwadi-415 501,
District Satara (M.S).

Suh:- Recognition of Dahiwadi College, Dahiwadi, District Satara (M.S) under Section 2 (f) & 12 (B) of the UGC Act, 1956.

Sir,

With reference to your letter dated 18.11.2008 on the above subject, I am directed to say that the name of **Dahiwadi College, Dahiwadi, District Satara (M.S)** is included in the list of Colleges maintained under Section 2 (f) & 12 (B) of the UGC Act, 1956 under the head Non-Government Colleges teaching upto Bachelor's Degree. The College is also eligible to receive Central assistance under Section 12 (B) of the UGC Act.

Yours faithfully,



(Sunita Gulati)
Section Officer



**PEER TEAM REPORT
ON
INSTITUTIONAL ASSESSMENT AND
ACCREDITATION**

of

Dahiwadi College, Dahiwadi
Dist Satara, Maharashtra
415 508

Visit Dates: 23rd – 25th October, 2010

Dahiwadi College Dahiwadi Dist Satara 415508 Maharashtra

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**PEER TEAM REPORT ON
INSTITUTIONAL ASSESSMENT AND ACCREDITATION**
Of

Dahiwadi College Dahiwadi Dist Satara Maharashtra 415508

Section I: GENERAL	INFORMATION
<ul style="list-style-type: none"> • Name & Address of the Institution : • Year of Establishment : • Current Academic Activities at the Institution (Numbers): • Faculties/ Schools : • Departments/ Centers : • Programmes/ Courses offered : • Permanent Faculty Members: • Permanent Support Staff: • Students <p>1.4. Three major features in the institutional context (As perceived by the Peer Team):</p>	<p>Dahiwadi College, Dahiwadi, Dist Satara Maharashtra 415508</p> <p>1965</p> <p>14</p> <p>04 (Arts, Science, Commerce, Computer application). UG – 04 Others-10</p> <p>PG <input checked="" type="checkbox"/> UG <input checked="" type="checkbox"/> Research <input type="checkbox"/> Others <input type="checkbox"/></p> <p>38</p> <p>27</p> <p>1418</p> <ul style="list-style-type: none"> • College has sincerely acted upon the evaluative observations made in the previous Assessment Report, under different criteria. • College has introduced new need based courses some of which are on self financing basis • Research projects have been sanctioned to about 50% regular faculty members. • Institution has augmented its infrastructure to keep pace with growth • Worthy Institutional Academic growth, and is making use of ICT as learning resource.
1.5 Dates of visit of the Peer Team	23.10.2010 to 25.10.2010 (details of the schedule attached)
1.6. Composition of the Peer Team which undertook the on- site visit:	<p>Prof. A.P. Padhi (Chairman) (Former VC, Berhampur University) Shantinagar, Behind Shirdi Sai Mandir, Danipali Road, Budharaja, Sambalpur-768 004, Orissa</p> <p>Dr. G Marimuthu (Member) Professor and Head, Department of Animal Behavior and Physiology, School of Biological Sciences Madurai Kamaraj University Palkalai Nagar, Madurai-625 021, Tamil Nadu</p> <p>Dr. Pramila Maini (Member Co-ordinator) Former Director, Institute For Excellence in Higher Education, A-3 BDA Colony, Opp JP Hospital, Tulsi Nagar, Bhopal-462 003, Madhya Pradesh</p>

Dahiwadi College Dahiwadi Dist Satara 415508 Maharashtra


 G. Marimuthu
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Section II CRITERION WISE ANALYSIS	Observations (Strengths and/or Weaknesses) on Key-Aspects (Please limit to <i>three major ones</i> for each and use telegraphic language (It is not necessary to indicate all the three bullets each time; write only the relevant ones)
<p>2.1 Curricular Aspects:</p> <p>2.1.1 Curricular Design & Development:</p> <p>2.1.2 Academic flexibility:</p> <p>2.1.3 Feedback on Curriculum:</p> <p>2.1.4 Curriculum update:</p> <p>2.1.5 Best Practices in Curricular aspects (If any):</p>	<ul style="list-style-type: none">• The college has no direct say in framing out the syllabus. A few faculty members are on BoS. The curriculum of short term courses is also designed by the faculty• College conducts seminars and workshops on revised syllabi of some subjects like Hindi, English, Geography and Plant Protection.• Earn while learn programs• Introduced certain advanced degree and certificate courses viz. the P.G. Diploma in Green Chemistry & Crop Protection, etc. Besides the college has also introduced some self financing & Add on programs to develop personality & value-based education among students• Flexibility to move from one discipline to other is as per university rule• Feedback on curriculum is obtained from all stakeholders• A committee is formed to scrutinize the suggestions and take appropriate action• The system of collecting the feedback from stake holders needs improvement• Curriculum update is provided by the university but the curriculum of some newly introduced short term courses has been designed by the college staff.• College follows the rules & regulations made by statutory bodies for developing curriculum• New Inter-disciplinary, Add-on Courses and vocational courses have been introduced in the college on self-financing basis.• Use of VPN for information collection• Workshop for faculty on revised syllabus
<p>2.2 Teaching- Learning & Evaluation:</p> <p>2.2.1 Admission Process and Student Profile:</p>	<ul style="list-style-type: none">• Admission process is adequately publicized through prospectus, media and website• Transparent admission process• Average student profile

Dahiwadi College Dahiwadi Dist Satara 415508 Maharashtra

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2.2.2 Catering to the diverse needs:	<ul style="list-style-type: none">• The college conducts UGC funded remedial courses and coaching classes for SC,ST and OBC• Scholarships to needy students• Need based vocational/short term courses have been introduced
2.2.3 Teaching-Learning Process:	<ul style="list-style-type: none">• The College plans and organizes the teaching, learning and evaluation schedules. Academic calendar is also prepared in the beginning of the session• Monthly tests & internal tests are periodically conducted as per university rules• Use of modern teaching aids for effective teaching & learning techniques
2.2.4 Teacher Quality:	<ul style="list-style-type: none">• Nine teachers are having Ph.D. degree and Twelve M.Phil. degree• Recruitment of faculty by the parent institute as per guidelines of UGC• Temporary/Ad-hoc appointments by the management to supplement teaching-learning process
2.2.5 Evaluation Process and Reforms:	<ul style="list-style-type: none">• Periodic evaluation of students is made as per university rules and the progress of the student is closely monitored.• Four sets of question papers are set to avoid malpractices in exam• Xerox copy of answer books may be provided to the students on demand
2.2.6 Best Practices in Teaching-learning and Evaluation (If any):	<ul style="list-style-type: none">• Remedial teaching to advanced and slow learners• Use of modern audio visual aids for effective teaching• Special guidance to students about sericulture, plastic culture, nursery techniques, watershed management techniques etc.
2.3 Research, Consultancy & Extension:	
2.3.1 Promotion of Research:	<ul style="list-style-type: none">• Incentive in the form of seed money TADA is provided to faculty members for presenting research papers in seminars and conferences.• Small research projects are given to students in order to promote research culture in them.• Faculty members are pursuing eleven minor and one major research project. Nine minor and one major research projects have been recently submitted to UGC

Dahiwadi College Dahiwadi Dist Satara 415508 Maharashtra

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2.3.2 Research and Publications Output:	<ul style="list-style-type: none">• Research activities for the societal benefits are taken up by the faculty members• Development of rain water harvesting project• Only a few faculty members have contributed/published research papers in Seminars, Conferences and National and International journals• Some of the faculty members have written books & three faculty members have written course materials for distance education
2.3.3 Consultancy:	<ul style="list-style-type: none">• Limited consultancy services in the field of water and soil analysis, Hb test, Tax awareness etc.• Free services to BPL Farmers, stake holders and villagers• Revenue generated through consultancy services is used for providing research facilities to students, faculties and for extension activities
2.3.4 Extension Activities:	<ul style="list-style-type: none">• Sharing infrastructure facilities with the society.• Four faculty members have received awards for extension activities.• Students participating in community services through NSS and NCC & some of them have received recognition also in the preceding five years
2.3.5 Collaborations:	<ul style="list-style-type: none">• Extension activities are carried out in collaboration with medical professionals, university, GO's and NGO's, local bodies and communities• Collaborative activities in the field of Placement, Academics, Publication & training program
2.3.6 Best Practices in Research, Consultancy and Extension (If any):	<ul style="list-style-type: none">• Honorary consultancy services to the local people & village survey work to understand eco-social conditions of farmers• Consultancy services in the field of tax awareness, rain water harvesting, Soil & water analysis, Polyhouse & Net-shed technology• Health Camps for villagers, Blood donation camp Hb detection camp, for helping the society
2.4 Infrastructure and Learning Resources:	
2.4.1 Physical Facilities for Learning:	<ul style="list-style-type: none">• Adequate facility for academic, co-curricular, extra-curricular and cultural activities• Optimum use of infra structure to keep pace with the academic growth of the college• Well equipped common multi-media hall• Eco-friendly environment

Dahiwadi College Dahiwadi Dist Satara 415508 Maharashtra

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2.4.2 Maintenance of Infrastructure:	<ul style="list-style-type: none">• College has a maintenance budget for furniture, equipment and computers• Maintenance of infra structure facility services by non-teaching staff of the college• Maintenance of computer is done on contractual basis
2.4.3 Library as a Learning Resource:	<ul style="list-style-type: none">• Book Bank Scheme for needy students.• New arrivals are displayed for interested students & faculty• Inter Library borrowing facility• VPN. Internet facility available in the library
2.4.4 ICT as Learning Resources:	<ul style="list-style-type: none">• 80 computers, 5 laptops, 7 LCD projectors, 4 scanners 11 printers are available in the college• DTH connection LCD TV, VPN facility at 15 departments, & UGC Network Resource Center with adequate facilities• Computer system is updated as per requirement of the latest version
2.4.5 Other Facilities:	<ul style="list-style-type: none">• Separate Recreational Hall with audio-visual facility• Health care center.• Guest house, staff room and students' common room facility available
2.4.6 Best Practices in the development of Infrastructure and Learning Resources (If any):	<ul style="list-style-type: none">• Optimum use of infrastructure and resources.• Sufficient budget provision for updating and maintenance of the computers• 15KV generator and 2.5 KV generator back-up for the entire building• Rainwater harvesting technology• Arranging career fairs
2.5 Student Support and Progression:	
2.5.1 Student Progression:	<ul style="list-style-type: none">• Academic performance of the college is at par with the performance of the university• RTS project launched by the parent institute• Sufficient fund for remedial coaching and entry in services for SC/ST students
2.5.2 Student Support:	<ul style="list-style-type: none">• The college publishes its annual magazine to disseminate information• The college provides financial assistance to needy

Dahiwadi College Dahiwadi Dist Satara 415508 Maharashtra

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<p>2.5.3 Student Activities:</p> <p>2.5.4 Best Practices in Student Support and Progression (If any):</p>	<p>students in addition to government scholarships available for weaker section</p> <ul style="list-style-type: none">• Group insurance scheme for the welfare of the students• Earn while you learn scheme introduced• College has constituted Collegiate Women's Development committee to protect women from sexual harassment and facilitate empowerment of women• Subsidized canteen facility• A number of committees and clubs having students' representatives have been constituted• Teakwondo training for the girls• Active alumni association• Publication of annual "Adwait" providing information about major activities carried throughout the year• Insurance cover for all students• Health care center facility for staff/students• RTS scheme of the college for the student welfare
<p>2.6 Governance and Leadership:</p> <p>2.6.1 Institutional Vision and Leadership:</p> <p>2.6.2 Organizational Arrangements:</p>	<ul style="list-style-type: none">• The principal remains available all round the clock for supervision, motivation and monitoring and its pro-active• The regular meeting and interaction with the staff (four times in a year), parents, alumni and involving them in the decision making process• The institution is serving its mission but has constraints to vision to further academic heights• College has effective administrative leadership and values its employees• The college is Grant-in-aid College managed by the parent institute. Management includes President, Vice-President, Chairman, Vice-Chairman, Secretary, Joint Secretary (HE), Auditor, Joint Secretary (SE), Principals, Inspectors for five different regions and Headmasters• Principal is the organizational head of the college: managing the institution with the help of Vice Principal, teaching and non-teaching staff• The college has IQAC and QAC, in addition to the discipline committee and other committees with various

Dahiwadi College Dahiwadi Dist Satara 415508 Maharashtra

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2.6.3 Strategy development and deployment:	faculty members as its convener for the smooth management and proper functioning of the college <ul style="list-style-type: none">Decentralization and distribution of the power through departments and committees thus, the internal governance decentralized and democraticThere is effective coordination between management and college. Management supports and provides freedom to the principal for the smooth functioning of the collegeThe use of ICT for effective management
2.6.4 Human Resource Management:	<ul style="list-style-type: none">Welfare measures are taken by the management for the staff and studentsTraining of the faculty members for improving their working skillsThe parent institute shoulders the entire responsibility of the staff recruitment and has the right to retain the COC staff and guest faculty
2.6.5 Financial Management and Resource Mobilization:	<ul style="list-style-type: none">The college receives its financial support from the government and it also mobilizes its resources by donation and consultancy servicesAdequate budget provision to meet the day to day expensesRegular internal and external auditPartially computerized financial management system
2.6.6 Best Practices in Governance and Leadership (If any):	<ul style="list-style-type: none">The salary of teachers (as per UGC norms) and other employee is provided by the State Government as grant in aidThe management provides resources to run academic affairsRegular guidance and motivation by the management through video conferencingArt of living process started in the college for physical and mental wellbeing of the staff and students
2.7 Innovative Practices:	
2.7.1 Internal Quality Assurance System:	<ul style="list-style-type: none">Functional IQACAcademic and administrative committees work together to assure quality enhancementInvolving students in various committees/activities to nurture in them the quality work cultureEarn and learn scheme introduced by the college not only provide financial assistance to the students but

Dahiwadi College Dahiwadi Dist Satara 415508 Maharashtra

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<p>2.7.2 Inclusive practices:</p>	<p>also help them to realize the dignity of labour</p> <ul style="list-style-type: none"> • Providing financial assistance to needy staff/students • Vermiculture , Sericulture, Apiculture and Rain water harvesting project started by the college • Special reservation for differently abled students in admission process • Training course of Taekwondo for girl students
<p>2.7.3 Stakeholder Relationships:</p>	<ul style="list-style-type: none"> • In order to receive cooperation from all stake holders the college arranges frequent meeting with them and invites them for the programs organized by the college. College has promoted social responsibilities and citizenship among students through various activities conducted mainly by NSS and NCC • Involving stake holders for the overall development of the college through mechanism such as tutor ward scheme, alumni association, parents meet, etc.

<p>Section III: OVERALL ANALYSIS</p>	
<p>Observations (Please limit to five major ones for each and use telegraphic language) (It is not necessary to denote all the five bullets for each),</p>	
<p>3.1 Institutional Strengths:</p>	<ul style="list-style-type: none"> • Use of information technology with modern audio visual aid for teaching and learning • Remedial coaching for SC/ST & OBC students funded by UGC • Continuous evaluation of students through test, tutorials, group discussion, etc. • Community services through various projects like soil and water analysis, Rain Water harvesting, tax awareness, polyhouse technology, etc. • Short term vocational courses designed by the college faculty in operation on Self-financing basis.
<p>3.2 Institutional Weaknesses:</p>	<ul style="list-style-type: none"> • Limited range of programme option available to students • No post graduate programme has been started by the college • Activity of placement cell is restricted • Less budget provision for equipments and their maintenance • Many teaching posts are lying vacant and part time teachers are appointed
<p>3.3 Institutional Challenges:</p>	<ul style="list-style-type: none"> • To provide quality education in order to empower students • To develop and encourage entrepreneur skills among students

Dahiwadi College Dahiwadi Dist Satara 415508 Maharashtra

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<p>3.4 Institutional Opportunities:</p>	<ul style="list-style-type: none">• To improve the communication skills of the students from rural area• To prepare students for various competitive examinations• To promote and motivate students to take up entrepreneur activity• To seek assistance from tribal welfare and related departments for growth and development of the college• To train students for consultancy services to the local people at the subsidized rate• To increase the enrolment of the students by starting local need-based vocational courses and PG courses• To nurture the innate potential of youth of this rural area especially in field of sports.
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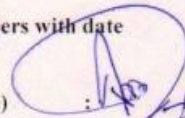
Section IV: Recommendations for Quality Enhancement of the Institution
(Please limit to ten major ones and use telegraphic language)
(It is not necessary to indicate all the ten bullets)

- The college may apply to UGC for autonomy and post graduate courses may be introduced
- More programs option should be made available to the students
- Office management, accounts training, time management and stress management training should be given to the teaching and non-teaching staff
- At least one post of regular faculty should be created for new courses introduced by the college on self financing basis and one Administrative officer (full time) for newly created centres
- More weightage should be given to the continuous evaluation.
- Seed money provided to the faculty for paper presentation should be increased
- Best practices published by NAAC may be implemented depending upon the need of the students and facilities available in the college
- Looking to the emerging/changing global scenario, Functional/Spoken English should be made compulsory for the students
- Language laboratory is needed to augment language teaching
- Regular feedback from stake holders should be collected on a prescribed Proforma which should be regularly analyzed and important suggestions should be implemented
- Placement cell should be made more active and should impart training to students on subjects like communication skills, resume writing, personality development programs, group discussion, etc.

Name and Signature of peer team members with date

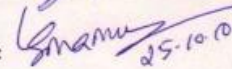
1. Prof. A.P.Padhi (Chairman)

:


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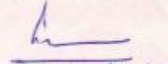
2. Dr. G. Marimuthu (Member)

:


25.10.10

3. Dr. Pramila Maini (Member Coordinator)

:


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I agree with the report

**Signature of the Head of the Institution
with date & seal**



(Dr. **PRINCIPAL**)
Dahiwadi College, Dahiwadi
Tal. Man, Dist. Satara

Dahiwadi College Dahiwadi Dist Satara 415508 Maharashtra

