

**Devrukh Shikshan Prasarak Mandal's
Nya. Tatyasaheb Athalye Arts, Ved. S.R. Sapre Commerce and Vid. Dadasaheb
Pitre Science College, Devrukh,
Dist – Ratangiri (Maharashtra) - 415 804**

❖ **Vision:**

- To provide higher education and job based skills to the youth of Sangmeshwar tehsil at minimal cost.

❖ **Mission:**

- Imparting higher education and inculcating sense of civic responsibilities with the aim of community development.

❖ **Objectives:**

- To facilitate Higher Education irrespective of caste, creed, race and religion.
- To improve and develop personality of the students by imparting education and skills with special emphasis on socially, economically, educationally disadvantaged and downtrodden students.
- To inculcate civic responsibilities among the students through the organization of various activities.
- To create awareness among public about higher education by arranging lectures, publishing annual magazine, organizing camps, etc.

NAAC Re-Accreditation - Third Cycle

2010 -- 2015

Steering Committee

1. Principal Dr. Narendra P. Tendolkar : **Chair Person**
2. Mr. Arvind M. Kulkarni : Steering Committee Coordinator
3. Dr. Sardar A. Patil : Member
4. Dr. Meera R. Kale : Member
5. Dr. Pratap V. Naikwade : Member
6. Mr. Uday B. Bhatye : Member
7. Mr. Vivek S. Bhopatkar : Office Superintendent

Preface

It is indeed a great pleasure to submit the Reaccreditation and Assessment Report (RAR) for the 3rd cycle. It was impossible to present this report, replete with developmental measures and activities undertaken during the period of 3rd accreditation, without the commendable and active support and trust of our parent institution in all our decisions and actions. Hence we seize this opportunity to write about our parent institution.

The parent institution, Devrukh Shikshan Prasarak Mandal (DSPM) was established in the year 1927 with the opening of New English School Devrukh, to facilitate the secondary education in this remote and rural area. Subsequently, the Management realized the need to provide education at higher secondary and graduation level in the streams of Arts, Commerce and Science.

Nyayadhish Tatyasaheb Athalye Arts, Vedmurti S. R. Sapre Commerce, and Vidhidnya Dadasaheb Pitre Science College, Devrukh is one of the premier colleges in Ratnagiri district. Since inception, it has been working with a vision of providing quality higher education to rural students, empowering them to cope-up with the competitive world. The college has been consistently endeavouring to upgrade the talent of economically and socially under privileged rural students by motivating them to develop competence. College was accredited in January, 2004 with B+ grade and Re-accredited with B (CGPA 2.82) grade in March, 2010 by NAAC, Bangalore.

The college is recipient of Mumbai University **Best College Award** in the year 2011. The Government of Maharashtra has recognized the college for its noteworthy contribution towards gender sensitization and women empowerment, consecutively for two years with the prize '**Jagar Jaanivancha**' with a cash prize of Rs. 2,50,000/-. The staff works with zeal and enthusiasm to enhance the curricular, research, cultural, sports, and extension aspects. The college has undertaken projects to develop the infrastructure to meet with growing needs. At present the college has 25 qualified faculty members and 746 students. College is recipient of many awards and prizes for research, cultural and sports activities.

Achieving diversified development through excelling its own capabilities, the college has concentrated on the dynamic development of students and the society since last accreditation. Quality orientation has been the sole thrust of all activities of the college. Acting upon the suggestions made in the previous accreditation report and responding proactively to the demands of the students as well as market considerations the college has tried to develop itself to cope with the socio economic, cultural and technological changes taking place in the society. However, the college is aware that quality enhancement and quest of excellence is an enduring and unending process and is striving hard towards it.

Index

Sr. No.	Item	Page
1.	Preface	I
2.	Declaration by the Principal	IV
3.	Executive Summary	1
4.	College Profile	4
5. Criterion-wise Inputs		
5-A	Criterion-I: Curricular Aspects	12
5-B	Criterion-II: Teaching-Learning and Evaluation	33
5-C	Criterion-III: Research, Consultancy and Extension	65
5-D	Criterion-IV: Infrastructure and Learning Resources	98
5-E	Criterion-V: Student Support and Progression	117
5-F	Criterion-VI: Governance, Leadership and Management	131
5-G	Criterion-VII: Innovations and Best Practices	151
6. Evaluative Report of Departments		
6-A	Department of Chemistry	164
6-B	Department of Physics	172
6-C	Department of Botany	179
6-D	Department of Computer Science	187
6-E	Department of Mathematics	192
6-F	Department of Geography	196
6-G	Department of English	203

Sr. No.	Item	Page
6-H	Department of Hindi	207
6-I	Department of Marathi	212
6-J	Department of Economics	217
6-K	Department of Sociology	222
6-L	Department of Commerce	227
7.	Post-accreditation Initiatives	232
8.	Abbreviations	236
9. Annexures		
9-A	Annexure-I: 2(f) 12(B) Certificates	240
9-B	Annexure-II: Last Assessment certificates	242
9-C	Annexure-III: Previous peer team reports with recommendations	244
9-D	Annexure-IV: Audited receipt and payment statements for the last five years	266



Devrukh Shikshan Prasarak Mandal's
Nya. Tatyasaheb Athalye Arts, Ved. S.R. Sapre Commerce
and Vid. Dadasaheb Pitre Science College, Devrukh,
Dist – Ratangiri (Maharashtra) - 415 804
☎ (02354) 260058/260407 Fax: 02354/261058
Email: dspmasp@rediffmail.com
(MUMBAI UNIVERSITY BEST COLLEGE AWARD)

Dr. Narendra Parshuram Tendolkar, M.Sc., Ph.D.
Principal

Sr. 370 /2015-16
Date- 15/10/2015

Declaration

I certify that the data included in this Self-study Report (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.

Place: Devrukh

Date: 15/10/2015

PRINCIPAL
Nya. Athalye Arts, Ved. Sapre Commerce
& Vidhidnya Pitre Science College,
Devrukh (Dist. Ratnagiri)

Executive Summary

Athalye-Sapre-Pitre college strives hard to act upon the vision of providing higher education and job based skills at minimal cost to the youth of Sangmeshwar tehsil. It aims at community development through higher education by inculcating the sense of civic responsibilities. The distinguishing feature of our institution is the unique intertwining of global education with local needs and aspirations. Acknowledging this commitment of the college to the surroundings, the affiliating university felicitated it with the Best College award in 2011. The two *Jagar Jaanivancha* prizes at district and university level with 1st and 2nd rank respectively, awarded by the government of Maharashtra, in the years 2012-13 and 2013-14 bear testimony to the noteworthy contribution of WDC of the college towards sustainable women's development efforts and the government's recognition to it. The best practice viz. 'Reach Out to Enrich' has fused the dreams of local populace with those of the institution. This fusion has ensured collective action and generation of solutions to common problems at grass root level.

It gives me an immense pleasure to submit the Re-Accreditation Report (RAR) for the 3rd cycle of accreditation which manifests the development taken place during the assessment period. The college, being one of the oldest college in Ratnagiri and Sindhudurg districts, works with zeal and enthusiasm to bring betterment in the lives of the students of Devrukh region by extending higher education, inculcating value orientation and arousing quest for excellence in them to fulfill the core objectives of the institution.

This period of 3rd accreditation cycle has witnessed significant changes at all levels in the college. The major areas of improvement have been the establishment of a full-fledged science stream on firm footing, significant infrastructural development, and widespread use of ICT, increased research orientation, expansion of extension and outreach programmes. The progress of the college can be briefed in view of core values as under:

❖ Contribution to National Development:

The college considers the students as an asset of the nation. Human resource development can contribute largely to the development of the nation in multiple ways. The objective of the college is to develop a responsible, dynamic, quality oriented and skilled citizen. All the curricular and co-curricular activities of the college are focused on and driven to achieve these objectives. The college through its varied activities tries to create a value culture and enables the students to contribute to the national development.

● Student Scholarships:

Being a college situated in rural and hilly area, most of its students are socially or economically backward families. The college channelizes various government and non-government scholarships and assistance schemes to the students in order to ease their access to higher education.

- **Environmental Awareness:**

Devrukh, a Biodiversity Hotspot, is situated on the western slopes of Sahyadri Ghat. Environmental conservation is an area of concern. The college discharges its duty to the region through its various activities like surveys, workshops for farmers, awareness campaigns and drives aimed at generating awareness about the environment conservation and climate change.

- **WDC activities:**

Empowerment of women is one of the prime objectives of the institution. College is meticulous in designing and organizing activities for the women empowerment. Lectures on gender sensitivity, and woman legislation, health checkup camps are some of the activities undertaken by the WDC.

- **Awareness Programmes and Rallies:**

HIV and AIDS awareness, Climate Change, Gram Swachhata Abhiyaan, Save Girl Child are some of the national issues addressed by the college at local level through various awareness programmes and rallies.

- **Extension Activities:**

Nala Bunding, River Cleanliness, Road Constructions, Implementation of Pradhan Mantri Suraksha Bima Yojana are some of the extension activities which contribute to the national development.

- ❖ **Fostering Global Competencies:**

The stakeholders of the institution are aware about the intense competition in the employment market. Upgrading the quality of education is the need of the hour. The college has introduced the science stream with specialization in Physics and Chemistry which was a long awaited demand of the people. Considering the employment opportunities through MPSC and UPSC Exams, Competitive Examination Study Centre was a crying need of the time. The Modak Academy established under the wings of DSPM is such a study centre for the students appearing for competitive examinations.

The college runs various programmes like Soft Skill Development workshops, course for IBPS examinations, English Language Grammar and Speaking Course to enable the students to achieve competence. The college students have participated in national and international events successfully in Taekwondo and hockey at International Level. The college has built a well-equipped gymnasium and a 400 mtr running track and indoor stadium to foster sports culture and fitness. High speed internet, Language Lab, Equipped Laboratories and substantial up gradation of infrastructure are the steps taken towards fostering global competencies.

❖ **Inculcating Value System:**

The college believes that inculcating values among the students through the various programmes can fashion responsible citizens which is one of the founding objectives of the institution. The college insists on the values like gender sensitivity, woman empowerment, social equality, dignity to labour, honesty, social and national commitment, character building and tries to inculcate these values directly and indirectly through various programmes and activities e.g. cleanliness drives, Nala Bunding, Woman Health Check-up Camp, Yoga Camps, Police Mitra Yojana, Climate Ambassadors, Implementing of insurance schemes etc. Instilling national pride and patriotism through regular playing of the National Anthem has been appreciated.

❖ **Promoting the use of Technology:**

- The college has 68 computers with internet facility
- Well-equipped science laboratories – Geography, Physics, Chemistry and Botany
- A Seminar Hall with digital projection facility for screening films, slide presentations etc.
- Implemented Digital Examination Paper Delivery system (DEPD)
- 6 computers are provided in the library for accessing the Institutional Repository, Digital Library Facility and the internet
- College has an updated website for disseminating information to the stakeholders
- Use of latest Open Source Software, Central Server and a Firewall

❖ **Quest for Excellence:**

- Sixteen staff members have minor research projects at their credit in the last four years.
- The staff members have number of publications at national and international level (140)
- Deputation of teachers to orientation/refresher, summer, advanced courses for enhancement of knowledge and skills
- Increasing participation of students in research work
- Memorandum of understanding (MOUs) with sports association for fostering sports culture
- Regular feedback from the students for improvement of teaching learning process
- IQAC as a monitoring mechanism for quality control
- Massive development in infrastructure facilities as a 'Hygiene Factor' for creating overall ambiance
- Add-on courses for students to develop their all-round personality and employment orientation

1. Profile of the college

1 Name and Address of the College:

Name:	Devrukh Shikshan Prasarak Mandal's Nya. Tatyasaheb Athalye Arts, Ved. S. R. Sapre Commerce and Vid. Dadasaheb Pitre Science College, Devrukh. Tal.Sangmeshwar, Dist. Ratnagiri-415804, MAHARASHTRA, INDIA	
Address:	A/P- Devrukh, Tal. Sangmeshwar, Dist. Ratnagiri, Maharashtra	
	Pin: 415 804	State: Maharashtra
Website:	http://www.aspcdevrukh.ac.in	

2 Address For Communication

Designation	Name	Phone	Mobile	Fax	Email
Principal	Dr. N. P. Tendolkar	Office: 02354- 260407 Residence: 02354- 260880	09969266201 09423948394	02354 - 261058	tendolkarasp@gmail.com
Vice Principal	Mr. S.V. Takalkar	Office: 02354- 260058	08623034617	02354 - 261058	sanjaytakalkarasp@gmail.com
Steering Committee Co-ordinator	Mr. A.M. Kulkarni	Office: 02354- 260058	09403660270	02354 - 261058	dspmasparvind@gmail.com

3 Status of the Institution

Affiliated College

4 Type of Institution:

a. By Gender

Co-education

b. By Shift

Regular

5 It is a recognized minority institution?

No

6 Sources of funding:

Grant-in-aid

Self-Financing

7 a. Date of establishment of the college : 01/06/1972

**b. University to which the college is affiliated: University of Mumbai,
Mumbai**

c. Details of UGC recognition:

Under Section	Date
i. 2 (f)	F.8-18/81(CPP-I) 03/03/19987
ii. 12 (B)	F.8-279/2005 (CPP-I) 15/05/2008

d. Recognition/approval by statutory/regulatory bodies other than

UGC: Not Applicable

**8 Does the affiliating university act provide for conferment of
autonomy on its affiliated colleges?**

Yes

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

No

9 Is the college recognized

a. By UGC as a College with Potential for Excellence(CPE)?

No

b. For its performance by any other governmental agency?

No

10 Location of the campus and are a in sq.mts:

Location	Semi-Urban
Campus area in sq. mts.	36421.71
Built up area in sq. mts.	2634.60

11 Facilities available on the campus:

• Seminar Hall with infrastructural facilities	✓								
• Sports Facilities	✓								
• Playground	✓								
• Gymnasium	✓								
• Girls' Hostel	✓								
• Number of hostels	01								
• Number of inmates	Capacity 26								
• Facilities	Furnished								
• Residential facilities for faculty / staff	✓								
• Cafeteria	✓								
• Health center	✓								
• Firstaid	✓								
• Health centre staff–									
Qualified doctor	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; text-align: center;">✓</td> <td style="width: 25%; text-align: center;">Full Time</td> <td style="width: 25%; text-align: center;">--</td> <td style="width: 25%; text-align: center;">Visiting</td> </tr> <tr> <td style="text-align: center;">✓</td> <td></td> <td></td> <td style="text-align: center;">✓</td> </tr> </table>	✓	Full Time	--	Visiting	✓			✓
✓	Full Time	--	Visiting						
✓			✓						
➤ Biological waste disposal	✓								
➤ Power Backup									
▪ Generator (5 KVA)	✓								
▪ UPS	✓								

➤ Solid waste management facility	✓
➤ Waste water management	✓
➤ Water harvesting	✓

12

Details of programmes offered by the college for current year:

Level	Programme / Course	Duration	Entry Qualification	Medium of instruction	Sanctioned Student strength at entry point	No. of students admitted
UG	B.A.	3 Years	HSC – Any	Marathi	360	229
	B.Com.	3 Years	HSC – Any stream	Marathi	360	327
	B.Sc.	3 Years	HSC Science	English	360	154
	B.Sc.–Computer Science	3 Years	HSC – Science with Mathematics	English	180	36
Certificate Courses	Travel and Tourism	06 Months	HSC	Semi-English	20	20
UG Diploma	Travel and Tourism	1 Year	Certificate completed	Semi-English	20	20
Certificate Courses	Fruit, Vegetable Processing and Marketing	04 Months	HSC	Semi-English	20	20
Certificate Course	In RS, GIS and GNSS with Collaboration of IIRS	4 months	Graduation or Appearing	English	25	22

13 Does the college offer self-financed Programme ?

Yes Number

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

Yes Number

15 List the departments :

Stream	Departments	UG
Science	Physics, Chemistry, Botany, Mathematics, Computer Science.	✓
Arts	Geography, Hindi, English, Sociology, Marathi, Economics	✓
Commerce	Commerce, Accountancy	✓

16 Number of Programmes offered under:

- Semester system

13

17 Number of Programmes with:

Choice Based Credit System

13

Any other: Value added courses

04

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

No

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

No

20 Number of teaching and non-teaching positions in the Institution:

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Principal		Associate Professor		Assistant Professor		M	F	M	F
	M	F	M	F	M	F				
Sanctioned by University/State Government	01	--	03	--	17	08	11	05	--	--
<i>Recruited</i>	01	--	03	--	16	02	12	02	--	--
<i>Yet to recruit</i>	--	--	--	--	01	06	--	02	--	--
By the Management Recruited	--	--	--	--	01	02	08	--	02	--

21 Qualifications of the teaching staff:

Highest qualification	Principal		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
Ph.D.	01	--	01	--	06	02	10
M.Phil.	--	--	01	--	02	--	03
PG	--	--	01	--	10	00	11
Temporary teachers							
PG	--	--	--	--	02	02	04

22 Number of Visiting /Guest Faculty engaged with the College: NIL

23 Number of the students admitted during last four academic years:

Categories	2011-12		2012-13		2013-14		2014-15	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	33	33	25	33	25	36	23	44
ST	1	0	1	0	0	0	0	0
OBC	131	91	156	142	176	163	140	169
General	125	138	89	136	74	134	79	146
Others	31	37	34	45	38	48	39	43
Total	321	299	305	356	313	381	281	402

24 Student Enrollment during the current academic year:

Type of students	UG
Students from the same State where the college is located	746
Total	746

25 Dropout rate (average of the last two batches)

UG	5.33 %	
----	---------------	--

26 Unit Cost of Education:

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

Including the Salary component	Rs. 31,428/-
Excluding the salary component	Rs. 3,214/-

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

Yes

a. Is it a registered centre for offering distance education programmes of another University

Yes

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

**Yashwantrao Chavan Maharashtra Open University
(YCMOU), Nasik**

c. Number of programmes offered: **03**

d. Programmes carry the recognition of the Distance Education Council

Yes

28 Provide Teacher-student ratio for each programme /course offered:

Programme	Course	Student-Teacher-Ratio
BA	Marathi	51.5
	Economics	141
	Sociology	54.5
	English	82
	Geography	100
	Hindi	94
B.Com	Commerce	111
B. Sc.	Physics	12.75
	Chemistry	30.75
	Botany	38.5
	Maths	30
	Computer Science	18

29 Is the college applying for Accreditation:

Cycle 1	08/06/2004 Grade - B+
Cycle 2	28/03/2010 Grade – B (CGPA - 2.82)
Cycle 3	Now Applied

- 30 Dates of Accreditation:**
- | | |
|---------|-------------------|
| Cycle 1 | 08/06/2004 |
| Cycle 2 | 28/03/2010 |
- 31 Number of working days during the last academic year: 240**
- 32 Number of teaching days during the last academic year: 181**
- 33 Date of establishment of Internal Quality Assurance Cell (IQAC): 25-07-2010**
- 34 Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC**
- | | | |
|-----------|------------------|-------------------|
| i. AQAR | 2010-2011 | 18-10-2011 |
| ii. AQAR | 2011-2012 | 28-09-2012 |
| iii. AQAR | 2012-2013 | 19-09-2013 |
| iv. AQAR | 2013-2014 | 31-10-2014 |
- 35 Any other relevant data (not covered above) the college would like to include.**

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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.

The vision and mission of the college are:

❖ **Vision:**

- To provide higher education and job based skills to the youth of Sangmeshwar tehsil at minimal cost.

❖ **Mission:**

- Imparting higher education and inculcating sense of civic responsibilities with the aim of community development.

❖ **Objectives:**

- To facilitate Higher Education irrespective of caste, creed, race and religion.
- To improve and develop personality of the students by imparting education and skills with special emphasis on socially, economically, educationally disadvantaged and downtrodden students.
- To inculcate civic responsibilities among the students through the organization of various activities.
- To create awareness among public about higher education by arranging lectures, publishing annual magazine, organizing camps, etc.

The college plans and executes the activities in accordance with the vision and mission statements.

The college has published the vision, goal and mission statements on its website. Also, these are communicated to students through the prospectus and the principal's address.

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).

The college is affiliated to the University of Mumbai, Mumbai. The Board of Studies (BOS) of the affiliating university design the syllabi. The college prepares an academic calendar and the time table. Workload is assigned to the concerned faculty prior to the commencement of the semester. Faculty prepare their month wise teaching plans for the semester according to prescribed syllabus of the affiliating university. Every faculty maintains teacher's diary. Day-to-day functioning of each department is monitored by respective HODs. Vice principal and the principal monitor and review the overall functioning. The heads of department (HODs) ensure effective implementation of

curriculum. The principal supervises it and if necessary, gives instructions for improvement.

For effective implementation of the curriculum, supportive curricular activities like seminars, guest lectures, project work, group discussion, home assignments, industrial tours, study tours, workshops, literary association activities, etc. are conducted with support of audio-visual aids and ICT.

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?

The affiliating university arranges workshops on revised syllabus from time to time, and the college encourages the faculty to participate.

Duty leave is provided for attending these workshops. Apart from it, the college provides revised textbooks, reference books, internet facility etc. to the faculty for effectively imparting the curriculum and improving teaching practices. The faculty is encouraged to use modern technology in teaching. Faculty are deputed to training courses, orientation/refresher courses, summer schools, etc. for enriching knowledge of current trends in higher education.

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.

The heads of department look after the effective curriculum delivery under the guidance of the principal. The college provides various teaching aids such as LCD projectors, educational CDs, internet facility, maps and charts, etc. for effective curriculum delivery. In addition to regular teaching, seminars, project work, group discussions, home assignments, industrial visits, study tours, workshops, remedial courses are conducted.

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

The students of B.Sc., B.Com, B.A. visit and interact with various research institutes such as Tata Institute of Fundamental Research (TIFR), Mumbai, Tata Institute of Social Science (TISS), Mumbai, National Institute of Oceanography (NIO), Goa, Indian Institute of Sciences (IISc), Bangalore, Bhabha Atomic Research Center (BARC), Mumbai, etc. and industries such as Kirloskar Industries, Chitale Food Products, Gadre Marine Exports and NGOs to supplement the curriculum.

Students of Department of Geography have conducted Cadastral Mapping of village Panutre *Grampanchayat*, Taluka-Panhala, district-Kolhapur under the guidance of Geography faculty. This type of field work is used by National Spatial Data Infrastructure (NSDI), a portal of ISRO.

Lectures of experts from universities, research and industrial institutions are arranged regularly. Add-on courses, workshops on communication skills, soft skills are also conducted for enrichment of students.

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.

Curriculum for UG and PG programmes are designed and developed by Board of Studies (BOS) of respective subjects of the affiliating university. One faculty each from Geography, Chemistry and Economics are working on syllabus framing committees. Suggestions given by two faculty from the Physics department of the college have been incorporated in the present syllabus of F.Y.B.Sc. by the university authorities. Faculty of Geography has played a major role in designing the syllabus of Geography paper IX for Semester VI that includes core area of Remote Sensing, GIS and GPS, which is to be implemented from academic year 2016-17.

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 college has developed following curricula by constituting a committee of staff members and external experts under chairmanship of the principal.

- Certificate course in ‘Hotel Management, Tours and Travels’
- Diploma in ‘Hotel Management, Tours and Travels’
- Certificate course in ‘Fruit, Vegetable Processing and Marketing’

The core subjects like Business Communication, Accountancy and use of ICT are engaged by the in-house faculty. The skill components are taught by the visiting industry experts and through training with Ajaramar Food Products, Devrukh, Kohinoor Hotel, Ratnagiri, Le Meridian Hotel, Goa.

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

The college ensures that the stated objectives of the curriculum are achieved in the course of implementation in the following manner:

- Through feedback taken from the students
- Through examination results
- Through continuous internal evaluation
- Feedback from the alumni

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.

The Western Ghat is one of the richest in Biodiversity in the world. Virgin beaches, waterfalls, beautiful landscapes, historical forts etc. give an opportunity for the tourists to enjoy and study. In the recent years, there is a growing awareness about the prospects of employment generation in tourism sector. The college offers 'Tourism Management' course to utilize the untapped resources of the Konkan region and make the students avail the opportunity of entrepreneurship and employment in this region. The bounty of nature offers different fruits and vegetables like Alphonso, Jackfruits, Carissa, Jamun, Pineapple, Jungle Fruits, etc. having an ample opportunity for exports. The use of appropriate technology, professional training, skilled and need based education is necessary for proper utilization of these untapped resources which are underutilized in this region. Hence, the college has taken a step to create an opportunity by introducing the following certificate and diploma courses.

a) Certificate / Diploma course in Hotel Management and Tours Travels

- To make contribution in promotion of tourism
- To improve knowledge of the students about tourism development opportunities and its close relation to hotel industry
- To impart skills necessary for Hotel Management
- To provide job / career opportunities

b) Certificate course in Fruit, Vegetable Processing and Marketing

- To train the students in fruit, vegetable processing and marketing
- To provide entrepreneurial and career opportunities in food processing industry
- To avoid wastage of available fruits through proper utilization and preservation

c) Certificate course in Remote sensing, GIS and GNSS

- To provide training of Geo-Spatial Technology to faculty and students
- Capacity building in Geo-Spatial Technology
- To develop trained human resource for private/public sector by using ICT

Course contents in brief

Title of course	Contents in brief	Duration
Certificate Course in -- Hotel Management and Tours Travels	<ul style="list-style-type: none"> • Business communication skills • Basic accountancy • Entrepreneurship • Information technology • Housekeeping management • Tours travels 	300 Hours
Diploma in -- Hotel Management and Tours Travels	<ul style="list-style-type: none"> • Room division management • Foreign language • Human resource management • Legal aspects of hotel management and Tours Travels • Information technology • Front office management 	300 Hours
Certificate Course in – Fruit, Vegetable Processing and Marketing	<ul style="list-style-type: none"> • Post-harvest management of fruits and vegetables • Processing of fruits and vegetables byproduct and waste utilization • Computer application in fruit industry • Business communication skills 	160 Hours
Certificate Course in – Remote Sensing, GNSS and GIS	<ul style="list-style-type: none"> • History, Development, Components & Applications of <ul style="list-style-type: none"> ✓ Remote Sensing ✓ GIS ✓ GNSS • Use of Open Source Software 	100 Hours

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

No.

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.

As per the rules of affiliating university, the college offers a wide range of elective options/subjects for students at UG level and specialization with Three Units (two subjects with three papers each) or six units (six papers of one subject) in the subjects of their choice.

The following are the details of the courses with elective options:

❖ **The Core Options – Three Year Integrated Bachelor Programmes in**

- Commerce – Grant-in-Aid
- Arts – Grant-in-Aid
- Science – Grant-in-Aid
- Computer Science – **Self Financed**
- PG in Commerce -- **Self Financed (YCMOU)**

❖ **Bachelor of Arts (B.A.)**

First year's courses

	Semester - I	Semester - II
Compulsory	<ul style="list-style-type: none"> • Communication Skills in English • Foundation Course – I • Marathi 	<ul style="list-style-type: none"> • Communication Skills in English • Foundation Course – I • Marathi
Core Options (Gr I or II)	<p style="text-align: center;">Group-I</p> <ul style="list-style-type: none"> • English • Hindi • Geography <p style="text-align: center;">Group-II</p> <ul style="list-style-type: none"> • Economics • Marathi • Sociology 	<p style="text-align: center;">Group-I</p> <ul style="list-style-type: none"> • English • Hindi • Geography <p style="text-align: center;">Group-II</p> <ul style="list-style-type: none"> • Economics • Marathi • Sociology

Second year's courses

	Semester - III	Semester - IV
Compulsory	<ul style="list-style-type: none"> • Foundation Course – II • Two papers each of three core subjects selected at first year 	<ul style="list-style-type: none"> • Foundation Course – II
Applied Component (Any One)	<ul style="list-style-type: none"> • Population Studies • Public Relations • Elementary Quantitative Techniques 	<ul style="list-style-type: none"> • Population Studies • Public Relations • Elementary Quantitative Techniques

Third Year's courses

	Semester – V	Semester - VI
Six Papers	<ul style="list-style-type: none"> • Economics • Sociology • Marathi 	<ul style="list-style-type: none"> • Economics • Sociology • Marathi
Three-three Papers (Any-One)	<ul style="list-style-type: none"> • Geography – Hindi • Geography – English 	<ul style="list-style-type: none"> • Geography – Hindi • Geography – English

❖ **Bachelor of Commerce (B.Com.)**

First year's courses - (All compulsory)

Semester - I	Semester – II
<ul style="list-style-type: none"> • Foundation course–I • Financial Accounting–I • Business Economics-I • Business Development • Mathematics and Statistics–I • Business Communication-I • Environmental Studies–I 	<ul style="list-style-type: none"> • Foundation course–I • Financial Accounting–II • Business Economics-II • Service Sector • Mathematics and Statistics–II • Business Communication-II • Environmental Studies–II

Second year's courses

	Semester - III	Semester – IV
Compulsory	<ul style="list-style-type: none"> • Foundation Course II • Financial Accounting – I • Business Economics • Business Law • Principles of Management 	<ul style="list-style-type: none"> • Foundation Course – II • Financial Accounting – II • Business Economics • Business Law • Production Management
Appiled Component (Any One)	<ul style="list-style-type: none"> • Company Secretarial Practice • Co-operation 	<ul style="list-style-type: none"> • Company Secretarial Practice • Co-operation

Third year's courses

	Semester – V	Semester – VI
Compulsory	<ul style="list-style-type: none"> • Business Economics • Marketing 	<ul style="list-style-type: none"> • Business Economics • Human Resource Development
Optional (Either Banking or Accountancy group)	<p style="text-align: center;">Accountancy Group</p> <ul style="list-style-type: none"> • Financial Accounting • Cost Accounting • Management Accounting and Auditing <p style="text-align: center;">Banking Group</p> <ul style="list-style-type: none"> • Introduction to Banking • Introduction to Financial Services • Finance for Foreign Trade and Foreign Exchange 	<p style="text-align: center;">Accountancy Group</p> <ul style="list-style-type: none"> • Financial Accounting • Cost Accounting • Management Accounting and Auditing <p style="text-align: center;">Banking Group</p> <ul style="list-style-type: none"> • Introduction to Banking • Introduction to Financial Services • Finance for Foreign Trade and Foreign Exchange
Appiled Component (Any One Group)	<p style="text-align: center;">Accountancy Group</p> <ul style="list-style-type: none"> • Marketing Research • Entrepreneuship and Management of Small Scale Industries <p style="text-align: center;">Banking Group</p> <ul style="list-style-type: none"> • Insurance • Export Marketing 	<p style="text-align: center;">Accountancy Group</p> <ul style="list-style-type: none"> • Marketing Research • Entrepreneuship and Management of Small Scale Industries <p style="text-align: center;">Banking Group</p> <ul style="list-style-type: none"> • Insurance • Export Marketing

❖ **Bachelor of Science (B.Sc.):**

First year's courses

	Semester - I	Semester - II
Compulsory	• Foundation Course – I	• Foundation Course – I
Core Options (Gr I or Gr II)	Group-I	Group-I
	• Physics	• Physics
	• Chemistry	• Chemistry
	• Mathematics	• Mathematics
	Group-II	Group-II
	• Physics	• Physics
	• Chemistry	• Chemistry
	• Botany	• Botany

Second year's courses

	Semester - III	Semester - IV
Compulsory	• Foundation Course – II	• Foundation Course – II
Core Options	One of the following groups with three-three papers according to subjects at F.Y.B.Sc.	
	• Physics – Chemistry	• Physics – Chemistry
	• Chemistry – Botany	• Chemistry – Botany
	• Physics – Mathematics	• Physics – Mathematics

Third year's courses

	Semester – V	Semester - VI
Core Options (Five Papers) (Any one)	• Physics • Chemistry	• Physics • Chemistry

❖ **Bachelor of Science (B.Sc.) in Computer Science:**

First year's courses

	Semester - I	Semester - II
Compulsory	• Foundation Course • Physics • Computer science • Mathematics	• Foundation Course • Physics • Computer science • Mathematics

Second year's courses

	Semester - III	Semester - IV
Compulsory	<ul style="list-style-type: none">• Foundation Course – II• Computer Science-Mathematics	<ul style="list-style-type: none">• Foundation Course – II• Computer Science-Mathematics

Third year's courses

	Semester – V	Semester - VI
(Five Papers)	<ul style="list-style-type: none">• Computer Science	<ul style="list-style-type: none">• Computer Science

❖ **YCMOU programmes**

The college has started three courses B.A., B.Com and M.Com affiliated to Yashvantrao Chavan Maharashtra Open University (YCMOU), Nasik from June 2015.

Courses offered in YCMOU programmes

Year and Programme	Courses
F.Y.B.A.	<ul style="list-style-type: none">• Self-learning skills• Marathi• Hindi• English• Humanities• Social sciences
S.Y.B.A.	<ul style="list-style-type: none">• Journalism• Areas of Journalism• Modern Maharashtra• Modern India• Writing Skills for Print Media• Electronic Media Nature and Skills Required
T.Y.B.A.	<ul style="list-style-type: none">• Public Relations and Developmental Communication• Indian Constitution and Administration• Journalism: Legality and Morality• Journalism and Related Fields• Editing: Nature and Skills• Print and Information Technology in Media
F.Y.B.Com.	<ul style="list-style-type: none">• Skill Based Development• Compulsory Marathi• Communicative Hindi and English• General Knowledge and Social Responsibility• Office Management• Commerce

Year and Programme	Courses
S.Y.B.Com.	<p style="text-align: center;">Compulsory Courses</p> <ul style="list-style-type: none">• Business Economics• Auditing• Business Law• Business Organization and Administration <p style="text-align: center;">Elective Course</p> <ul style="list-style-type: none">• Managerial Economics <p style="text-align: center;">OR</p> <ul style="list-style-type: none">• Business Communication
T.Y.B.Com.	<p style="text-align: center;">Compulsory Courses</p> <ul style="list-style-type: none">• Auditing II• Economic Environment in India• Cost, Auditing and Taxation• Human Resource Management <p style="text-align: center;">Specialization Courses</p> <ul style="list-style-type: none">• Banking and Finance 1• Banking and Finance 2 <p style="text-align: center;">OR</p> <ul style="list-style-type: none">• Marketing Management 1• Marketing Management 2
M.Com.	<ul style="list-style-type: none">• Advance Accounting• Business Entrepreneurship Group• Cost Accounting• Banking and Finance Group

❖ **Semester Based Credit System:**

As per the prescribed by affiliating university pattern of Semester Based Credit and Grading System of examination, the college conducts 25 marks internal examination wherein test, viva voce, presentation and project work is also given to the students. Participation of students in regular classes is also given due weightage. Semester end examination of 75 marks is conducted as per the affiliating university prescribed patterns.

❖ **Courses offered in modular form:**

All the courses offered by the college are in a modular form. Each module of an academic programme has been assigned specific credit points and also has a certain scheme of learner evaluation as well as certain specific criteria defining successful completion.

❖ **Lateral and vertical mobility within and across programmes and courses**

Academic flexibility for students is as per norms of the affiliating university.

❖ **Credit transfer and accumulation facility.**

Credit completion or credit acquisition is considered to take place after the learner has successfully cleared all the evaluation criteria with respect to a single course. A learner keeps on adding more and more credits as he completes successfully more and more courses. Thus he/she ‘accumulates’ course wise credits. There is no credit transfer.

❖ **Add-on Programme**

- Certificate course in Hotel Management and Tours Travels
- Diploma in Hotel Management and Tours Travels
- Certificate course in Fruit, Vegetable Processing and Marketing
- Certificate course in Remote Sensing, GIS and GNSS

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. The college offers three years Integrated Bachelor Programme in Computer Science i.e. ‘B.Sc. Computer Science’ as a self-finance programme, admission rules, curriculum structure and faculty qualification are the same but, the fee structure for this programme is different.

The college has initiated B.A., B.Com and M.Com programmes of three and two years duration respectively for the out stream and distant learners. These programmes are affiliated to the Yashwantrao Chavan Maharashtra Open University (YCMOU), Nasik. The admission, curriculum, fee structure and faculty qualifications, etc. are as prescribed by the YCMOU, Nasik.

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 additional skill based programmes. The courses are:-

Sr No	Title of course	Beneficiaries
1.	<ul style="list-style-type: none">• Certificate course in Hotel Management and Tours Travels• Diploma in Hotel Management and Tours Travels• Certificate course in Fruit, Vegetable processing and Marketing	204
2.	<ul style="list-style-type: none">• Certificate course in Basics of Remote Sensing, GIS and GNSS	22
3.	<ul style="list-style-type: none">• Certificate course in Basics in Computer under Equal Opportunity Center	25
4.	<ul style="list-style-type: none">• Course in PC Hardware and Assembling	18
5.	<ul style="list-style-type: none">• Courses conducted such as Spices Production, Garments, Bakery, Cashewnut Processing, fruit processing, paper bags/purse making with the patronage of Maharashtra Industrial and Technical Consultancy Organisation (MITCON, a state government organization)	94
6.	<ul style="list-style-type: none">• Certificate course in Refrigeration and Washing Machine Maintenance.	70

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.

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?

Being a rural college, the spread of higher education was the primary objective of institution which is later on supported by quality education for personality development, employment and inculcating civic responsibilities among the students. The academic programs run in the college and the curricular, co-curricular activities carried on are well integrated to serve the same purpose. Some of these activities are enumerated below.

❖ Co-curricular Modules:

- The department of Physics, Chemistry, Botany, periodically show the NPTEL video lectures, virtual sessions to the students as a supportive module to enrich the curriculum.
- 80% of the entire UG curriculum of Physics is supplemented by demonstrations of various experiments.
- A series of forty lectures on Communication Skills is the best supportive module for F.Y.B.Com. Business Communication.
- English and Marathi departments show the video lectures, plays and dramas, syllabus based noted movies as a supportive module.

❖ Personality Development Modules:

- A series of lectures by Sandeep Maheshwari is shown to the students for positive attitude and personality development.

❖ Women empowerment:

- Women Development Cell (WDC) of the college regularly organizes lectures on Gender Equality, Sensitization, Women Legislation, etc.
- Every year, college conducts Health Checkup Camps in association with Pant Walavalkar Multi-Specialty Hospital, Dervan, Dist-Ratnagiri, for girl students and occasionally for women in the locality.
- The '*Jagar Janivancha*' Award is given for the activities conducted by a college especially for Gender Sensitization and Women Empowerment. The college has received the '*Jagar Janivancha*' award for two successive years.
 - ✓ **First in District among 42 colleges and Second in the University out of 650 colleges - Rs. 2,00,000/- for the year 2012-13.**
 - ✓ **Second in District -Rs. 50,000/- for the year 2013-14.**

❖ **Environment Awareness Module:**

Documentaries, video lectures related to climate change, global warming, waste management and biodiversity are screened to the students to develop environmental awareness among the students.

❖ **Social and National service through NSS and Extension Activities:**

The activities of NSS and Extension are well directed and organized to serve the social cause. Various activities related to environment are carried out in collaboration with NGOs viz. Srushtidnyan, Mumbai; Applied Environmental Research Foundation (AERF), Pune. Forest conservation programme was carried out in nearby villages with four students from ISTOM, France. The activities cover the areas like climate change, carbon sequestration, conservation of sacred groves and nature, *Nirantar Swachhata Abhiyaan*, public health and hygiene, de-addiction, soil and water conservation, energy literacy programs. NSS contributes to the development of adopted villages through varied activities like Nala bunding, Road construction, water conservation, health and hygiene awareness etc.

❖ **Girish Karnad Film Club:**

The college runs a film club for students to acquaint them with the visual classics at national and international level to broaden their vision and insight in visual art. The dramas, movies, documentaries based on and related to the syllabi enrich their understanding. The club works in collaboration with Federation of Film Societies of India, Mumbai. Every year more than hundred students are enrolled for the Film Club. At least twice in a month films are screened to the students.

❖ **Student publications:**

The college annual magazine *Akanksha* is a dais for the college students to publish their intellectual and literary writing. It is an exposure for them to put up their thoughts and understanding about the world around them. Botany department publishes monthly informative wallpaper *Botanica* for developing writing skill and understanding of the subject. The departments namely Economics and Marathi also publish monthly wall papers on the current issues.

❖ **Field visits/ Study tours /excursions:**

All the academic departments organize field visits/Study tours/excursions to enrich the understanding of the students of respective subjects with a practical touch. In the last five years, study tours have been organized to the noted places like TIFR, Mumbai, IIT Mumbai, BARC, Mumbai, UICT, Mumbai, NIO, Goa, IISc, Bangalore, Shanti Niketan, Botanical Garden and Science City, Kolkata. Industrial Visits to Kirloskar Industries, Chitale Udyog, Wokhart, Gadre Marine Exports etc have been organized.

❖ **‘Avishkar’ Research Competition:**

‘Avishkar’ is a State Level, Inter-University Research Convention for students. The purpose of the competition is to promote research culture in colleges by developing research aptitude among the UG students. Every year, a good number of students participate in this competition. This activity develops better understanding of subject, scientific temper and research insight among the students.

During last five years, 99 students participated in *Avishkar* Research Convention. Regularly, on average, two projects were selected at the University Level and one was selected for the Inter-University round at state level.

❖ **Organization of State Level Research Competition:**

Geography department organized a state level research competition for geography students. 25 students from various districts participated in it.

❖ **Workshop for Students:**

Workshops viz. use of internet, basics of computer, organic farming, climate change, are regularly arranged for development of students.

❖ **Activities of Subject Associations:**

Geography, Commerce, and Science departments and Literary Associations organize various programs/lectures of Eminent Personalities and Researchers to address the current issues related to their subjects.

❖ **Organization of State/National Conferences:**

IQAC, Department of Sociology, Botany, Geography, Economics, Marathi, Chemistry and Physics have organized State/National level seminars based on thrust areas viz. Renewable Energy and Environment, Population and Tourism, Biodiversity independently as well as in collaboration with others.

❖ **Research Orientation of students:**

To inculcate research culture among the students, various programs are organized such as workshop on research methodology, poster presentation competition, etc.

❖ **Competitions for students:**

Competitions like Essay Writing, Elocution, Poetry Recitation, Sports etc. are organized to make the students competitive and quality oriented.

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 students are always encouraged and motivated to keep them abreast with the prevailing employment market.

To serve the purpose, following activities are organized:-

- ❖ Initiated an Online Certification Course in RS, GIS and GNSS in collaboration with IIRS, Dehradun
- ❖ Personality Development Modules
- ❖ Curriculum Enrichment
- ❖ Lectures, Workshops
- ❖ Seminars on Career Guidance
- ❖ Organization of One day workshop on ‘Metamorphosis’ in presence of then the Vice Chancellor of affiliating University for Career Guidance.
- ❖ Communication Skills
- ❖ Computer Training to the students
- ❖ Guiding students for Competitive Examinations
- ❖ Workshop on Basics of Computer, Internet and Bioinformatics
- ❖ Training program of preparation and use of Organic Manures

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?

All the subjects in the college are taught with focus on the various cross cutting issues such as Gender sensitization, Climate Change, Environmental Education, Human Rights, ICT, etc. Foundation Course is a compulsory paper at the first and second years of all the programmes that addresses these issues. The college addresses all these issues through various curricular and co-curricular activities.

❖ Gender sensitization

The college has more than 60% girls. The ‘Women Development Cell’ (WDC) of the college is a separate active dais for the girls to come together to address their issues. The various activities like lectures, workshops, health awareness camps, general awareness programs about women legislations and female foeticide etc. are organized.

❖ **Climate Change**

The students of Botany have estimated ‘Carbon Sequestration’ of the campus. The biodiversity and carbon credit of nearby sacred groves were also estimated in collaboration with AERF (Applied Environment Research Foundation) Pune. In collaboration with ‘Srushtidnyan’ (local NGO) and Kortoff Gymnasium, (a college located at **Sweden**), the college has organized a workshop on climate change and global warming and awareness programs related to forest conservation. Students, along with teachers visit nearby schools and various projects related to climate change issues are undertaken. These activities make local school and college students conscious about the consequences of climate change and the need for environment protection. All students work as climate ambassadors. They select one project every month related to climate change such as preparation of rain gauge and wind vane from waste material, lamps from waste mobile batteries, seed bank etc. In turn, these climate ambassadors of the college train the school students to prepare such instruments in the adapted nearby schools from Angavali, Kundi and Belari.

❖ **Environmental Education**

- Geography, Botany departments and N.S.S. unit contribute to environment awareness and education by organizing various activities. For example, Ganesh festival is one of the massively celebrated festivals in Maharashtra. *Ganesh Visarjan*, (immersion of the God's idol) in rivers and waste flowers dumping in rivers cause large scale environment pollution. As a part of awareness programme the NSS department held a workshop for making of eco-friendly Ganesh Idols. **100** students participated in it. Compost was prepared from floral waste.
- The clean campus program, *Gram swachchhta Abhiyan*, Surveys, Street plays, Training programs to farmers for promotion of organic farming, Plant Health Clinic, Sky gazing programs are some of the efforts towards the environment education.
- National Conferences viz. ‘**Conservation of Natural Resources and Biodiversity for Sustainable Development**’, ‘**Renewable Energy and Environment**’ and ‘**Population, Environment and Tourism**’ were organized with the financial support from the UGC. More than **225** research scholars across the country participated in these conferences.
- From Department of Botany, **06** students presented research papers in the conferences while the students from science faculty were encouraged to participate.
- The Department of Botany also organized one day International Programme on Environmental Education wherein **25** participants from different institutes of USA interacted with the faculty and students.

❖ **Human Rights**

- The college organized a National Level seminar on Human Rights with the financial support from UGC.
- The college has an Equal Opportunity Centre under which various activities are organized. Government officials are invited to address the students and nearby citizens on various government schemes.

❖ **ICT**

- The college has a seminar hall with LCD facility where ICT based teaching is carried out, films/ documentaries /CDs of stage plays related to the curriculum are screened. The Students' seminars are also conducted in this hall with power point presentations.
- All the departments have computers with Internet facility. The faculty and students use these facilities. Slide presentations, educational videos, short films, documentaries etc. are used to support the instructional delivery.
- Library has **06** computers with internet facility for the use of students. In the library, Institutional Repository is available where students can access e-books, slide presentations, videos, previous question papers etc.

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

College conducts following value added / enrichment programmes:-

❖ **Moral and Ethical Values**

- Lectures, Seminars,
- Cultural , Sports Activities
- NSS and Extension Activities
- Celebration of National Days, Anniversaries of Great Personalities, Social Reformers, Writers, Scientists, etc.
- The college follows 'No Ragging' tag.

❖ **Employability and Life Skills**

- Certificate Course in Hotel Management and Tours Travels
- Diploma in Hotel Management and Tours Travels
- Certificate Course in Fruit, Vegetable Processing and Marketing
- Soft Skill Development Programs

❖ **Enabling the students for better career options**

- Guidance through seminars and workshops
- Recommendations to the industries for employment
- Awareness programmes conducted by Modak Academy for competitive exams

❖ **Community Orientation**

- Social awareness programs/Rallies/Street Plays related to Female Foeticide, Conservation of Sacred Groves and Forests, Save Energy
- Plantation of Medicinal Plants
- Programs on Soil and Water Conservation
- Hemoglobin / Health Checkup Camp

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

Feedback from students and parents is used to improve teaching methodologies as well as curriculum. Considering the recommendations from the management and NAAC peer team, value added courses like Certificate Course in 'Hotel Management and Tours Travels' and Certificate Course in 'Fruit, Vegetable Processing and Marketing' were started. Informal interactions with the Industry Experts and Alumni guide the college in designing and enriching the curriculum of these courses.

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

The Heads of Departments consult with the Principal, IQAC chairman and senior faculty from other departments for better outcome of programme. The progress of the programme is directly reviewed by the Principal, and corrections / modifications are suggested. Major programs, their progress and outcomes are discussed first in IQAC, in the Local Managing Committee and finally in the Governing Council of the parent institution.

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?

One faculty each from Geography, Chemistry and Economics departments is working on syllabus framing committees of the affiliated University. Suggestions given by two faculties from the Physics department are incorporated in the present curriculum of First Year B.Sc. (Physics) by the affiliating University.

The faculty of the department of Geography has played a major role in designing the syllabus of Geography paper IX for Semester VI that includes core area of Remote Sensing, GIS and GPS, which is to be implemented from academic year 2016-17.

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?

The affiliating university had constituted a committee to recommend on academic, extra-curricular and administrative, improvements to be made in the affiliated colleges and sub-centre of university of Konkan region. The principal was the member of the committee and after several discussions with the stake holders such as industrialists, educationists, social workers and students union the committee recommended suggestions in the core areas given above to the university.

In tune with recommendations of the committee the college started skill based programmes like Tours and Travel and Fruit Processing.

The faculty working as members of the syllabus committee of the affiliating university communicate changes and seek to get them introduced in the curriculum.

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?

The college has started science stream with two programmes B.Sc. Physics and B.Sc. Chemistry just before the Second Accreditation. The B.Sc. in Physics and Chemistry provides ample career opportunities to the students in the district itself. Ratnagiri district has **07** MIDCs having **372** Chemical Industries and an upcoming Atomic Energy Plant at Jaitapur and Jindal Thermal Power Plant at Jaigad have better opportunities for these graduates.

In August 2015, the college started one PG and two UG programmes in Commerce and Arts affiliated to YCMOU, Nasik for additional career options.

Other relevant information

Quality Enhancement Measures in last five years

- The Members of the Board of Studies, scholars are invited to guide and orient the faculty as well as the students
- Students are encouraged during off lectures to visit the central library to enrich them with quality books and latest research journals
- Free of cost Internet facility is made available to students and faculty
- Common National Anthem at the beginning of the day

2.1 Student Enrolment and Profile

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

A) The college ensures wide publicity in the admission process through:

❖ Prospectus:

The college annually issues prospectus along with the admission forms which contains information about the programmes offered, the courses in each programme, details about examinations, fee structure, and the facilities offered by the college such as library, book bank, gymkhana, canteen etc. The prospectus also communicates the information regarding availability of seats and details about various scholarships for socially and economically backward students.

❖ College Website:

The college has a website (www.aspcdevrukh.ac.in) that displays the details about the admission process like merit lists, rules and important dates. Links to the University of Mumbai and other important institutions are also given for additional references.

B) Admission Procedure:

- Admission procedure of the college is carried out strictly according to the rules and regulations of the affiliating university and the state government.
- The science stream has been started just before second accreditation (in 2009-10). The college participates in career expo events and publicizes the number of courses available for career building. A contact programme with the HSC pass out and in-house students is organized regularly.
- Actual admission procedure followed is as under:-
- A prospectus including the necessary details is issued well before the probable admission dates.
- For all the students, counseling about admission process, and the selection of elective options is provided by the senior faculty members.
- The admission committee comprises of senior faculty members of each stream that assures transparent and smooth admission process.

C) Transparency in the admission process:

- After the scrutiny of applications, a list of the eligible students is displayed on the college notice board.

- Admissions are confirmed as per the time-line given by the affiliating university.
- Admissions are given as per the norms of the affiliating university and the rules of the state government.
- All the statutory reservations are implemented in the true spirit.
- Seats vacant, are made available to applicants on the waiting list.

2.1.2 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.

Admission to the first year is given on merit basis adhering to the reservation norms of the state government. Students are communicated about their selection immediately through display of merit lists on the notice boards and also on the college website.

2.1.3 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.

The cut off percentage for admissions at entry level for UG courses is 35% in previous qualifying examination as per the rule of the affiliating university. The comparison of minimum and maximum marks of the admitted students at entry level with those of the other colleges in the district shows that there is not much disparity.

Comparative percentage of minimum and maximum marks at entry level

Programmes	(figures in %)					
	ASP College Devrukh		DBJ College Chiplun		GJ College Ratnagiri	
B. A.	82	45	88	42	72	35
B. Com.	77	40	90	43	89	40
B. Sc.	76	40	83	42	92	40

2.1.4 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 college implements its admission procedure in a timely and transparent manner. The affiliating university and government guidelines are strictly followed. Admission status is reviewed constantly by the administrative authority of the college and necessary and suitable action is

immediately taken.

Issues and action taken in the last five years regarding the admissions

Issues	Action taken/ solution
More applications received for commerce than intake capacity	Extra seats sanctioned by the affiliating university with special request from the college.
Difficulties regarding filling admission forms of the university online.	E-Support provided by the college.
Extensions of admission dates by the University	Concerned students are informed through notices, personal contacts and college website.
The selection of optional and elective subjects.	Counseling at the time of admission, Requests for change of subject granted in stipulated time in exceptional cases

2.1.5 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**

The affiliating university and the state government have issued the rules and regulations regarding the admission. Further, the state government has defined specific percentage of reservations for concerned categories. The college strictly follows the rules and regulations in the whole process of admission. The percentage of female students is above 60%, and 65% students are from socially and economically backward categories.

To improve the access of these students from the reserved categories, the college provides following facilities:

- Most of the girl students passing 12th examination from this college are contacted and motivated to pursue the higher education. The personal problems in upward mobility are addressed by the college. e.g. financial problems. This has resulted in increased admission of girls.
- Free-ships, scholarships, fee concessions, management incentives are made available to socially, economically backward and minority students.
- Vidyarthi Grahak Bhandar, i.e. Student Co-operative Store provides educational material/stationery at a concessional rate for all students.

- Backward students’ book bank facility is available in the college.
- Organization of remedial / bridge courses
- Infrastructural facilities like ramp, wash room and wheel chair exist for the differently abled students.

2.1.6 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.

Student strength of offered programmes for last five years

Year	2011-12	2012-13	2013-14	2014-15	2015-16
F.Y.B.A.	86	84	107	101	96
F.Y.B.Com.	131	121	116	121	131
F.Y.B.Sc.	49	75	86	61	91
Total	266	280	319	283	308

Demand Ratios

Programme		F.Y.B.A.	F.Y.B.Com.	F.Y.B.Sc.
2011-12	Applications	104	164	67
	Admitted	86	131	49
	Demand Ratio	0.71	1.09	0.40
2012-13	Applications	97	149	81
	Admitted	84	121	75
	Demand Ratio	0.7	1	0.63
2013-14	Applications	131	132	102
	Admitted	107	116	86
	Demand Ratio	0.89	0.96	0.71
2014-15	Applications	119	143	79
	Admitted	101	121	61
	Demand Ratio	0.84	1	0.5
2015-16	Applications	117	196	107
	Admitted	96	131	91
	Demand Ratio	0.8	1.09	0.76

Demand Ratio is:-number of admitted students divided by available seats (120)

❖ Trends Observed:

- In the case of commerce stream, demand is almost up to sanctioned capacity i.e. 120. In case of arts stream, there is marginal decrease in demand. But, student strength in science stream shows positive trend.
- Qualified faculty (64% Ph.D. holders), suitable infrastructure, wide publicity and personal canvassing have yielded positive results i.e. increase in the student strength in science stream.

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 college has a well-defined policy for differently abled students i.e. students physically disabled as well as academically weak. In the last five years, there was no specific case of physically disabled student.

The academically weak students are identified primarily on the basis of their marks and personal observations of the faculty. Remedial coaching is conducted for specific subjects. Personal interaction, mentoring make these students feel comfortable. The other qualities, skills in academically weak students are identified and encouraged. They are motivated to perform according to their qualities by assuring participation in different competitions and events. Academic, psychological and financial support is provided to such students.

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 institution assesses the students' needs in terms of knowledge and skills before the commencement of the programme.

- Most of the admissions to Arts and Commerce are from the in-house students. We interact with in-house students and our junior college faculty for assessing the knowledge level of the students and their skills. This interaction makes us aware of both the weak and advanced learners.
- The admission committee of the college gives guidance to the students to select elective options suited to their capacity and interests.
- The college also conducts oral tests and semester examinations, organizes seminars to check the skills of the students. Bridge Courses are provided on need basis.

2.2.3 What are the strategies drawn and deployed by the institution to bridge the knowledge gap of enrolled students to enable them to cope with the programme of their choice?

In order to bridge gap of the students at entry level and to enable them to cope with the programme of their choice, the institution identifies the slow and advanced learners and then deploys the policies and strategies as follows:

❖ Slow and advanced learners are identified through:

- Performance in previous qualifying examination
- Personal interaction with the students

- The interaction with the junior college teachers
- The performance in oral tests, seminars and semester examination
- Personal observation by the faculty

❖ **Strategies adopted for slow learners:**

- Special attention is given
- Organization of bridge course includes basic concepts, English grammar, learning skills / examination skills, etc.
- Remedial coaching is conducted after identification of academically weak students through tests and tutorials
- Peer Groups are formed and advanced learners are assigned to the groups of weak students. They interact with the weak students and track their progress and in case of need, help them.

❖ **Strategies adopted for advanced learners:**

- Additional intellectual inputs by the concerned faculty
- The provision of additional periodicals and study materials
- Additional library facilities
- Guidance by external experts
- Exam related special coaching

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

- The curricular, co-curricular and extra-curricular activities focus on issues like environmental awareness, gender sensitivity, inclusion, social parity, etc.
- For gender sensitization, Women Development Cell organizes programmes especially for girl students and women in the locality e.g. Lectures on women legislation, women health check-up camps, yoga workshop, self-defense training, diet and nutrition awareness programmes, etc. The college, consecutively for two years has received the "**Jagar Janivancha**" award by the Government of Maharashtra of **Rs. 2,00,000/- (2012-13) and Rs. 50,000/- (2013-14)** for outstanding performance in woman empowerment programmes.
- The college has anti ragging cell, women grievances redressal cell (*Mahila Takrar Nivaran Samitee*) to deal with issues, related to women. But, so far these types of issues are not found on the college campus. The college presented a research project titled '*Mulagi Vachava*' (save girl child) in the

university research competition and received first prize at the zonal level and was nominated for inter-university level.

- The whole campus of the college is under CCTV surveillance to assure safety and security. Important contact numbers for safety are displayed at prime location.
- To provide accommodation facility for girl students, the college has constructed ladies hostel costing **Rs. 43,50,000/-** to accommodate **24** girls.
- Department of Physics, Chemistry, Botany and Geography organized seminars, workshops on the environment conservation, biodiversity, renewable energy, climate change. The Department of Botany worked in collaboration with the French students from ISTOM, for forest conservation. Principal Dr. N. P. Tendolkar and Dr. P. V. Naikwade were the resource persons in the International Workshop on Environmental Education; the activity was jointly organized by the college, AERF and Project Dragonfly, USA.
- The Botany department has estimated the Carbon Sequestration of nearby sacred groves (*Devrai*) and also works for their conservation. Workshop on Climate Change has been organized in collaboration with NGO's '*Klimet Aktion*', Sweden and *Srustidnyan, Mumbai*. Students of the college act as Climate Ambassadors and visit the nearby schools located in rural and hilly area every month to carry out different projects with the help of school students.
- '*Nirantar Swachhata Abhiyan*' (Continuous Cleanliness Drive), tree plantations are the regular activities for environment consciousness.
- Birth Anniversaries of great social reformers like Mahatma Phule, Bharatratna Dr. B.R. Ambedkar, Chh. Shahu Maharaj, Mahatma Gandhi, etc. are observed. The faculty brief the students on the life and work of these reformers.
- The '*Girish Karnad Film Club*' of the college screens films on racism, terrorism, documentaries by national geographic, and gender sensitization etc.

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

The college identifies needs of the advanced learners through interaction with students and junior college teachers, oral tests, seminars, projects and other internal modes of evaluation.

In order to fulfill these needs the faculty and institution provides them the following facilities:

- Extra coaching

- Personal mentoring
- Extensive use of library facilities
- Internet facility
- Support for participation in co-curricular activities
- Career guidance
- Soft Skill Development Workshop
- Guidance for competitive examinations

2.2.6 How does the institute 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.)?

- ❖ Every department collects, analyzes and uses the information on the academic performance of students through:
 - Personal interaction
 - Internal evaluation reports
 - Academic performance in previous examinations, etc.
- ❖ Following steps are taken:
 - Suggestions for improvement, extra guidance of the subject and counseling about personal problems by faculty members
 - Remedial classes and extra coaching for slow learners
 - Channelizing all types of Government scholarships for economically weaker sections
 - Concession in fees for poor and needy students
 - Counselling of and consultation with the parents in parent meetings

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.)

- After receiving inputs from HODs and IQAC, time table committee prepares an academic calendar. As per the academic calendar, the faculty members prepare their teaching plan of their subjects and implement it.
- The information of the academic calendar and teaching plans is given to the students at the beginning of each semester. The monitoring mechanism is consistent with the rules laid down by the affiliating university. Evaluation of the students is done through home assignments, oral tests, Semester End Examination. The performance of the students in the tests and examinations is displayed on the college notice board and on the college website.
- Departmental meetings of faculty are held to review the performance of the students and accordingly, strategies are adopted to improve the performance of slow learners.
- A teachers' diary is maintained by every faculty and is checked by the vice principal every week.
- The lectures of the faculty who is proceeding on leave are engaged by the other faculty and schedule of such adjustment is displayed on staff notice board on the previous day before 12:30 pm.

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

IQAC, focuses on quality in the day-to-day functioning of the college. Under the guidance of IQAC, the policies are devised, programs are chalked out and procedures are established for improvement of teaching learning process.

- The academic calendar is prepared at the beginning of the academic year which consists of information about available teaching days, vacations, details of curricular and extra-curricular programs and other relevant information.
- IQAC encourages faculty and students to organize lectures of experts, workshops/conferences to inculcate research culture.
- Use of ICT in teaching, particularly in science discipline is a regular practice. An equipped seminar hall is available to facilitate the faculty for presentations, screening educational videos, films, animations, etc.
- IQAC motivates the faculty to adopt a learner centric approach through conducting the activities like study tours, field visits, surveys, participation in seminars, conferences etc.

- For professional development, IQAC encourages the faculty members to carry out research projects, participate in/organize seminars, conferences, and to publish research papers in reputed, peer reviewed journals.
- Policies of library development, book purchases and student requirements are discussed by the library committee with the IQAC.
- Considering the important role of office administration in streamlining the teaching schedule and smooth functioning of the college, the IQAC chalks out the administrative strategies, policies and programmes in consultation with the administrative staff.
- At the end of each semester, students' formal digital feedback on teaching is obtained. IQAC and the principal meticulously go through the feedback and the same is communicated to the concerned faculty. Remedial measures, if necessary, are taken by the concerned HODs.

2.3.3 How learning is 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 institution runs UG programmes B.A., B.Com. and B.Sc. The main teaching method is the traditional chalk and board lecture method. In addition, faculties use the modern techniques and supportive modern teaching aids to make this method interesting and learner centric. The modern techniques and teaching aids used to supplement the traditional lecture method are:

- Problem-solving method
- Question-answer method
- Projects and presentation
- Charts, maps, diagrams
- Display of films, dramas based on academic curriculum
- Use of Internet and online resources
- Book reviews
- Poster presentation and wallpapers
- Village survey, study tours
- Visits to the industries and research centres
- Seminars by students
- Group discussions

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?

The college has various associations in the departments of Commerce, Science and Geography. These along with Literary Association undertake various activities to nurture scientific and critical thinking.

❖ **Research Activity:**

Students are encouraged to participate in research competitions, seminars, and workshops, state level research paper presentation competitions for UG and PG students. **156** students participated in these activities.

❖ **Publications:**

Akanksha, the annual magazine of the college, is a forum for the students for their creative and innovative writing.

❖ **Wall Papers:**

Wall paper '*Botanica*' published by students of the Botany department, aims at improving writing and reading skills of students. The department of Economics and Marathi also publish wallpapers regularly on their related topics.

❖ **Organization of guest lectures:**

The Associations organize lectures of experts on current and burning topics to expand the vision of students.

❖ **Organization of workshops:**

Workshops on 'Metamorphosis', voice culture, soft skills development, US-India education perspectives, climate change, internet/computer literacy, are organized.

❖ **Study Tours, Industrial visits:**

Commerce, Geography, Botany, Physics, and Chemistry departments organize study tours, industrial visits.

❖ **Use of ICT:**

Students are encouraged to use the internet to enrich their understanding. Free internet facility is provided for this purpose.

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

The facilities available to the faculty members for effective teaching are:

❖ **Use of Amrita e-lab (Virtual Laboratory) for experiments**

On-line virtual laboratory facility of Amrita University is utilized for demonstrating various experiments involving costly instruments / complicated setups.

❖ **Use of NPTEL lectures for students**

NPTEL lectures on various subjects like Communication Skills (a module of 40 lectures), Physics, Management, Research Methodology, etc. are easily accessible through the internal network of the college.

❖ **Certificate Course in Basics of Remote Sensing, GIS and GNSS**

- In collaboration with IIRS, Dehradun, an online certificate course in Basics of Remote Sensing, GIS and GNSS is being conducted.
- Computer with internet facility to all departments.
- Audio-visual aids for commerce and languages
- Laboratory softwares and equipments
- E-journals and e-books

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

The students and faculty are exposed to advanced level of knowledge and skills through:

❖ **Blended Learning:**

Blended Learning is a usual practice and every department uses modern technology- based methods with traditional teaching methods.

❖ **Expert lectures:**

The college invites various experts to give lectures on current issues like environment, globalization, interview skills, career opportunities in management and pure sciences, GPS and GIS technologies, security market etc.

❖ **Organization of Seminars/Conferences:**

- Seminars/conferences are organized by the college for students and faculty members on topics like Renewable Energy and Environment, Biodiversity, Human Rights, Economics of Marathi Cinema, Banking and Financial Services, Population and Tourism etc.
- The faculty members are deputed to participate in conferences, seminars, orientation/refresher courses and summer/winter schools.

❖ **Workshops and symposia:**

Workshops on revised syllabi of Marathi, workshops on Interview Skills, Employment Opportunities in Government and Private Sector, Street Play, Voice Culture, Research Methodology, Soft Skills Development, US-India Education Perspectives, Climate Change, Internet/Computer Literacy, etc.

❖ **Paper Presentation:**

- During the last four years, faculties have presented research papers in state, national and international workshops, conferences and seminars.
- Students participate in workshops organized in neighbouring lead colleges.
- Educational trips to research centres and industries are organized for the students.
- The college provides free internet facility to the faculty and students.

Performance of faculty in the Seminars/Conferences

Year	State/University			National			International		Total
	Seminar/ Conference		Workshop	Seminar/ Conference		Workshop	Seminar/ Conference workshop		
	Presentation	Participation		Presentation	Participation		Presentation	Participation	
2010-11	1	1	4	12	0	0	1	3	22
2011-12	3	1	5	19	5	5	12	1	51
2012-13	4	0	10	20	1	0	9	0	44
2013-14	3	0	14	24	0	0	11	1	53
2014-15	05	0	04	18	06	05	05	0	43
Total	16	02	37	93	12	10	38	05	213

2.3.7 Detail (process and the number of students benefited) on the academic, personal and psychosocial support and guidance services (professional counseling / mentoring / academic advice) provided to students?

❖ **Mentoring the students:**

The college has a regular practice to hold four meetings with parents and students per year. At the very first meeting, the principal, along with office bearers of the management (Vice-President, Secretary) welcome the admitted students and congratulate parents for encouraging their wards to opt for higher education. In the same meeting, the principal informs the students and their parents about the higher education system, examination pattern, role of parents and their wards, etc. Subsequent parent meetings in the year are organized with the view to communicate about the students' performance and remedial measures to be taken. On an average, **120** students per year are the beneficiaries of these meetings.

The college has established Redressal Cells to redress the students' grievances. The Anti-Ragging Committee, the Women Development Cell, which counsel, guide, patron and help the students to overcome their problems and grievances. Financial help is arranged for needy students.

❖ **Academic Advice:**

As the college belongs to a rural and hilly area, the students need personal guidance. The admission committee and faculty guide the students regarding elective options. Faculty guide them regarding various extra-curricular and co-curricular activities. All first year students are beneficiaries of this guidance.

❖ **Professional Counselling:**

The students requiring professional counselling are referred to professional counsellors.

❖ **Women Development Cell:**

WDC of the college organizes interactions on topics like women legislation, women health (physical and mental), gender sensitivity, sex education, etc with the help of Pant Walawalkar Multi-specialty Hospital, Dervan. Free health checkup camps are organized every year. In last five years, **987** girl students were benefitted from these camps.

❖ **Add- On courses:**

The students can enroll for various add-on courses along with their regular academic programme. The college runs Add-on courses in Fruit Processing and Travel & Tourism. In last four years, **204** students have been benefitted.

In collaboration with IIRS, Dehradun, an online Certificate Course in Basics of Remote Sensing, GIS and GNSS is being conducted. 22 students have enrolled for this programme.

❖ **Skill Oriented Courses:**

The college encourages the students to participate in many skill oriented courses organized by MITCON such as Spices Production, Garment Making, Bakery, Cashew nut processing, Aluminum Foil Packaging, Fruit Processing, Paper Bags/ Purse Making, etc. In last four years, 94 students have been benefitted.

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?

The principal and the IQAC insist the faculty to adopt and practice modern and innovative techniques of teaching. Following innovative techniques are used by the faculty.

❖ **Seminars:**

Classroom seminars on various chapters of the curriculum are held to encourage the students to participate. It also helps the teacher to understand the perception of the students.

❖ **Field Visits/Study Tours/Industrial Visits/Excursions/on-job training:**

Geography, Chemistry, Botany, Physics, Commerce departments of the college organize field visits / study tours / industrial visits /excursions to emphasize the practical aspects of the curriculum.

❖ **Group Discussions:**

Group discussions are encouraged on the topics taught.

❖ **Projects and Presentations:**

The students are assigned individual and group projects and asked to perform experiments, to collect and analyze primary data for their presentations on projects. Such projects are presented in Avishkar Research Convention.

❖ **Short Films:**

Short films and case studies are screened for the students to make the topic more elaborative and illustrative. TED videos of Nirmal Kumar, Achyut Godbole, Rohit Deshpande are screened by the Commerce department.

❖ **Flipped Classroom:**

Students are provided with pre-recorded lectures like NPTEL so that they are ready before actual teaching. During teaching, more emphasis is given on questions and answers than lecture method.

❖ **Virtual Laboratory:**

Use of experiments through virtual laboratory provided online by Amrita University enables the students for better understanding.

❖ **IIRS Course:**

In collaboration with IIRS, Dehradun, an online Certificate Course in Basics of Remote Sensing, GIS and GNSS is being conducted.

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

- Departmental libraries to facilitate reference and general reading
- Open access to the faculty and students in the library
- Book bank facility
- Regular organization of book exhibitions
- Availability of e-books and e-journals to faculty and students
- Availability of reference books, periodicals and journals
- Facility of reading room to faculty and students
- Computer with internet
- INFLIBNET
- Availability of previous question papers
- Free internet facility to faculty and students
- Digital library with NPTEL lectures covering partial curriculum of B.Sc. Semester V and VI

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.

Yes. At the beginning of the academic year, every faculty has to spare a few lectures to bridge the knowledge gap of the students. Moreover, from the academic year 2011-12, affiliating university has introduced Semester and Credit Based Grading System. Eventually, the number of examinations the college needs to conduct in a year has increased substantially.

- To replenish the loss of lectures, the faculties hold extra classes on Sundays and/or other holidays. The teaching schedule of minimum 180 teaching days as prescribed by the university is strictly observed. The attendance of the students is monitored.
- Keeping in mind the above facts, an academic calendar and teaching plans are prepared by every department. The teachers' diaries are maintained and checked by the concerned HOD and vice-principal at the weekend.
- The college has devised a system in which the time table committee adjusts the workload of a faculty who is proceeding on leave with the faculty preferably from the same department on the previous day.

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

- IQAC and the HODs of the college monitor and evaluate the quality of the teaching- learning. In the meetings of IQAC, the topics related to quality of teaching are discussed. IQAC encourages faculty to use the modern teaching methods such as ICT inclusion, seminars, group discussions, and question-answer etc. The HODs regularly discuss with the faculty about teaching methodology, problems faced by them and suggestions for improvement.
- The teachers' diary elaborates period to period teaching and extra efforts taken by the faculties. The diary contains the details about teaching topic, method, students present and other relevant information.
- At the end of every semester, students' feedback on teaching is electronically sought from every class on a predesigned questionnaire and IQAC and the principal meticulously go through the feedback. If required, the concerned faculty is advised by the principal for improvement.
- The college invites guest lecturers to improve the quality of teaching learning and provides necessary facilities for organizing co-curricular activities in the campus.

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 faculty is appointed as per the norms of UGC and Maharashtra University Act, 1994 and the rules and regulations of the state government. The applications from eligible candidates are invited by advertising in national newspapers. The selection committee constituted by the university selects the qualified candidates through personal interviews and performance in academics in past.
- The college has number of qualified and competent faculty to handle all the courses.
- Felicitations of the faculty by the management for achieving academic excellence, improvement/additions to the academic qualifications, research contribution in seminars, projects, publications, etc. is a feature for motivation of faculty.

Number of Faculty with highest qualification

Highest Qualification	Professor/ Principal	Associate Professor	Assistant Professor		Total
	Male	Male	Male	Female	
Ph. D.	01	01	06	02	10
M. Phil.	--	02	02	--	04
NET	--	--	05	--	05
SET	--	--	07	--	03
P. G.	--	01	01	03	05
Registered for Ph. D.	--	02	02	--	04

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.

- Being an arts, science and commerce college, most of the programs are conventional. In the year 2005, the college started B.Sc. in Computer Science. Three past students, after successfully completing their PG in computer science have been appointed as teachers for computer science.

- Regular contact with faculty from nearby colleges, past students, and the newspaper advertisements about vacancies in the college are some of the efforts the college takes to meet the need for qualified faculty.
- The faculty members regularly attend seminars, workshops, conferences, specialized short term courses, refresher programmes to update their knowledge. Internet and resources like NPTEL help to acquire advanced information. The college insists the faculty to use these resources. Whenever required, guest lectures are arranged to get acquaintance with modern content of the subject.

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.

Faculty development programmes attended

Academic Staff Development Programs	Number of faculty completed					TOTAL
	2010-11	2011-12	2012-13	2013-14	2014-15	
Refresher courses	03	01	01	04	06	15
Orientation programmes	01	04	02	02	05	14
Staff training conducted by the university	--	02	--	--	02	04
Summer/winter schools, workshops, etc	09	02	10	---	01	22
Others courses (special short term trainings and refresher programmes)	---	01	--	--	03	04
Total	13	10	13	06	17	59

• **Teaching Learning Methods:**

The group discussions, seminars, project based learning, study tours, excursions, field visits are some teaching-learning methods used. In addition, IQAC encourages science faculty to use ICT based methods for enhancing teaching- learning process.

• **Handling New Curriculum:**

Whenever there is a revision in curriculum, affiliating University organizes workshops for the faculty. Faculty members are deputed to attend those workshops. Details and the learning outcomes of the workshops are discussed at length within the concerned departments. Relevant books and instruments according to the revised syllabus are made available. The senior faculties guide the newly appointed faculties in teaching methods.

- **Content / Knowledge Management:**

The available resources need to be managed in a disciplined manner to use them for quality enrichment. The information available on the internet, journals, and books needs to be revised, abridged and to be presented in a contained manner. Faculties are trained so as to organize the subject material.

- **Selection, development and use of enrichment materials:**

The college seeks to fulfill the requirement of the concerned departments regarding the resources needed for effective teaching and self-development. For the research work, free internet facility, research journals, e-journals and related equipment are made available. Books on various topics related to self-development and quality enrichment are purchased as per requisition. CDs and e-resources are subscribed.

- **Assessment:**

The affiliating university introduced the Semester Based Credit and Grading System from academic year 2011-12. Examination committee members and the principal attended workshop to understand the assessment evaluation and examination pattern. The assessment work takes place according to the guidelines of the university. The principal is a member of the affiliating university examination committee.

- **Cross cutting issues:**

Issues like environment protection, gender awareness and human rights are addressed through various activities by faculty members and students in the campus and off the campus. Seminars, conferences and workshops have been organized on the environment protection, renewable energy, biodiversity, climate change, human rights which have given the faculty an opportunity to enrich themselves as well as share their knowledge.

The WDC of the college is active in organizing lectures, awareness and health checkup camps to address the issues like gender sensitivity, women health etc.

- **Audio-Visual aids:**

The IQAC encourages the faculty to use audio-visual aids in teaching and learning in the class room and beyond it. A separate seminar hall is available for such usage. The Computer Science department assists in training the faculty. Workshops on use of internet, designing PowerPoint presentations, use of e-resources are organized.

- **OER's**

Faculties are free to use Open Educational Resources available on the internet. e. g. ILWIS (Integrated Land and Water Information System)

and QGIS (Quantum Geographical Information System) are Free and Open Source Software that are being used in the Geography department.

• **Teaching- learning material: selection, development and use**

Faculties can acquire the useful material for teaching through library and by giving requisitions to purchase. They can purchase the required subsidiary components for the development of teaching aids and materials.

Faculty participated and invited in workshop/seminars/conferences

Year	Resource / Chair-persons	Paper presentation	Participation	Publication in Journals	Patents obtained	Total
2010-11	0	22	14	08	01	45
2011-12	1	52	40	27	--	120
2012-13	1	44	33	33	--	111
2013-14	03	53	39	38	--	133
2014-15	09	45	37	48	01	140
Total	14	216	163	154	02	549

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

The major policies/ systems available in the institution to recharge faculty are as follows:

- Encouragement, administrative support and necessary guidance is given to faculty members for applying for Minor / Major Research Projects of the UGC, DST, Mumbai University and other funding agencies. During last five years, 20 minor research projects have been completed and two are ongoing.
- Proposals for nine Minor Research Project and three Major Research Projects are submitted to the UGC for funding.
- Proposals for seven Minor Research Project are submitted to the University for funding.
- Duty leave is given to the faculty members to participate / present research papers in conferences / seminars / workshops/ training programs.
- College has submitted a proposal for interdisciplinary research center to *Brihad Bharatiya Samaj*, a Mumbai based NGO, worth **Rs. 1 crore**, which is sanctioned in principle by funding agency.

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 college is a proud recipient of the ‘**Best College Award**’ of the affiliating university in the year 2011 out of 650 colleges. The college has been adjudged as the best with teaching- learning as one of the criteria. This is the result of sustained effort of every faculty member.
- Dr. Pratap Naikwade of Botany department secured ‘**Young Scientist**’ of the year 2014 award by Confederation of Indian Universities, New Delhi and Environment Research Institute, Kolkata.

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 college has a system to collect class- and faculty- wise feedback from students at the end of every semester. The principal and IQAC meticulously go through the feedback and communicate to the concerned faculty with suggestions for improvement.

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 college ensures the awareness of the evaluation processes to the students and faculty through:

❖ **Prospectus:**

The college yearly prospectus contains every necessary detail.

❖ **University circulars:**

Both print and web copies of university circulars of evaluation processes are circulated to the faculty and students. The college website is also linked to the University website for various circulars and syllabi.

❖ **Notices:**

The evaluation process of both university and internal examinations is displayed on the notice board.

❖ **Workshops:**

Workshops on the issues like revised syllabus, new pattern of examination, evaluation process are organized at colleges nominated by the affiliating university in which the faculties actively participate.

The chairman of examination committee and concerned HODs inform the students about the revised pattern of the examination. It also displays the schedule of internal evaluation scheme on the college notice board, and the same is circulated in the classes.

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?

The college implements the evaluation process as per the norms of the affiliating university and has no freedom in designing and revising the evaluation process.

❖ **Credit Based Semester and Grading System (CBSGS):**

As per University of Mumbai norms, the college has adopted Credit Based Semester and Grading System (CBSGS) from 2011-12.

❖ **Paper setting:**

Three sets of question papers are taken for each subject as per the pattern prescribed by University.

❖ **Assessment:**

The system of centralized assessments is strictly followed. Assessment and moderation is done as per the norms of the affiliating university.

❖ **Bar Coding:**

To keep secrecy, coding system used by the affiliating university is followed for third year (T.Y.) examinations.

❖ **Unfair Means Practice:**

The college has constituted an Unfair Means Enquiry Committee as per the rules of the affiliating university. The committee chairman, referring to the affiliating university rules, gives instructions to all students against certain acts/unfair practices before commencement of the examination. If any student is alleged to have used any unfair means during the examination, he/she is asked to give a written explanation about the alleged unfair means in the presence of his/her parents before the committee. The committee follows the affiliating university rules to initiate the necessary disciplinary actions.

❖ **Internal/ External Additional Examination:**

Internal/External additional examinations are conducted as per the norms of the affiliating university for the students who have failed or were absent due to genuine reasons, like college representation in co-curricular/extra-curricular activities, etc.

The college provides necessary technical support for the online Digital Examination Paper Delivery System (DEPD) used by the affiliating university for the delivery of question papers of third year examinations.

❖ **Result Declaration:**

The results of first and second years i.e. semester I to IV are declared within a stipulated time period.

❖ **Verification and Revaluation:**

As per the affiliating university norms, the facilities like verification, issuing of photo copy of assessed answer book on demand and revaluation are made available to students after declaration of results.

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?

All the affiliating university guidelines, rules and regulations are informed to all the faculty members. Centralized Assessment System is being implemented. For giving grace marks, necessary resolutions are passed as per the affiliating university guidelines. If any student wants to go for revaluation or re-assessment, formal procedure is followed which ensures transparency in examination system.

Examination room is well equipped to facilitate the Digital Examination Paper Delivery (DEPD) of the affiliating university.

To cope up with the new examination structure given by the affiliating university in CBSGS system, the students and faculty have been oriented through various meetings. The CCTV system is effectively used for ensuring transparency and strict supervision.

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

During the last five years, the evaluation system has undergone a major change. The annual pattern has been replaced by CBSGS. Initially, a 60-40 pattern was implemented, but from the last year, a 75-25 CBSGS pattern is in force on semester basis.

❖ **Formative evaluation:**

Internal evaluation has a weightage of 25 marks out of 100 marks per subject (20 marks for test, 05 marks for active participation and overall conduct) Students must score minimum of 10 marks out of 25 marks i.e. 40% in each subject. The students' participation is ensured through tests, assignments, viva and general active participation in the classroom. This type of evaluation has helped the faculties to evaluate the students on multiple levels and increased their attendance, participation in day-to-day curricular and co-curricular activities.

❖ **Summative Assessment:**

- The semester end written test with a weightage of 75 marks of 2 1/2 hours duration per subject is held for each course. The question papers are set as per the affiliating university guidelines. Faculty are asked to submit 3 sets of question papers based on the syllabus for the concerned semester.
- Learners must score a minimum of 30 marks out of 75 marks in each course. Students who fail to score minimum passing marks in both / either formative or summative evaluation are given the opportunity to appear for additional examination which is conducted after 20 days of declaration of results at the end of the academic year.
- The summative assessment is based on the perception of the student of the core subject he learns during the academic year. His ability and performance during the year is manifested in the examination of 75 marks and assessed thereon. This is a content based examination and helps the students to go deep into the core subject. The affiliating university, to underline the importance of the internal as well as semester end evaluation, separates the passing heads i.e. 40% instead of 35% for each.

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 examination pattern and system is implemented as per the guidelines of the affiliating university. Complete transparency is maintained during the course. The schedule of internal examination is declared well in advance. The students' performance in the classroom regarding various aspects such as active participation, communication skills, attendance and mode of behavior is considered for awarding marks in internal evaluation.

The assessment is done centrally (CAP) under strict supervision of the Examination Committee. The CCTV cameras have been setup to have full control over the CAP.

Existing Pattern of Internal Assessment

Sr.	Particulars	Previous (60:40 marks)	Current (75:25 marks)
1.	One class test to be conducted in the given semester.	20 Marks	20 marks
2.	One assignment based on curriculum to be assessed by the teacher concerned.	10 Marks	--
3.	Active participation in routine class instructional deliveries.	05 Marks	--
4.	Overall conduct as responsible student, mannerism and articulation/ exhibit of leadership qualities in organizing related academic activates.	05 Marks	05 Marks
5.	Semester End Examination	60 Marks	75 Marks

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?

The DSPM works with the sole objective of imparting higher education at an affordable cost for the students of Sangameshwar tehsil. During the course of time, the higher education underwent a massive change. To cope up with the challenges of the prevailing time, it has become necessary to make the students skilled, dynamic and self-dependent.

The curricular, co-curricular and extra-curricular activities of the college have been focused to develop the students dynamically. The college tries to shape responsible citizens by inculcating moral values, knowledge and social awareness among the students through various programmes and activities. The policies, programmes and procedures of the college amicably translate the aforesaid objectives.

❖ **Discharging Civic Responsibilities:**

• **NSS and Extension Programmes:**

The programmes of the NSS and extension units are basically designed and formed to create awareness among the students about the social responsibilities they are expected to discharge. The regular activities of these departments include *Swachhata Abhiyaan*, environment awareness and protection, tree plantation, de-addiction, road safety, programmes on healthcare, female foeticide, construction of roads and *Vanrai Bandhara (Bunds)* etc.

• **Gender Equality through WDC:**

The WDC of the college regularly organizes programmes aimed at gender sensitivity and equality. Programmes on female foeticide, women's health, education and legislation are organized during the academic year. The department, in collaboration with Walavalkar Multispecialty Hospital, Dervan, has organized regular programmes of health checkup and maintained the health sheets of girl students.

• **Social and Environment Awareness Programmes:**

Late principal R. V. Dixit English Language Teaching Workshop for secondary school teachers in Sangameshwar Tehsil, Swachha Bharat Abhiyan, Akash Darshan (show on astronomy), plant health clinic, publication of *Botanica*, survey on town planning and waste management for Devrukh municipal council, organization of national conferences on environmental issues, insurance awareness programme for unorganized workers are some of the few examples of our social commitment.

❖ **Inculcating Moral values:**

- The moral values are inculcated among the students through commemoration of social reformers, as well as leaders
- The various days are also observed for awareness and value orientation, e.g. youth week, independence and republic days, institution foundation day, woman's day, constitution day, population day, etc.

❖ **Skill development:**

Add-on programs like diploma in Hotel Management and Tours Travels, certificate course in Fruit Processing and Marketing, certificate course in Remote Sensing, GIS and GNSS have been run by the college for the students to make them employable through developing various skills. A two day workshop on soft skills was organized by Commerce department.

❖ **Confidence Building:**

The M. W. Modak academy is a study centre especially established for the college and outside students who prepare for UPSC, MPSC, etc. Through Entry Point Services Scheme of UGC a separate course for IBPS examination was conducted. A training program for police services recruitment was conducted for the aspiring candidates.

Workshop on soft skills, organization of experts' lectures, *Avishkar* participation, Film Club are the activities run for enrichment and personality development.

❖ **Broad Vision:**

Almost all the academic departments of the college regularly organize study tours, industrial visits, and field visits of the students to various places to enrich their understanding and widen their vision.

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

- The examination committee is formed as per the statute of the affiliating university which looks after grievances forwarded by students as regards to evaluation. Procedure is laid down by the affiliating university statute for examination reforms. Accordingly, students are given freedom to file for verification, reevaluation and reassessment of the subject in which they have not scored up to their expectations.
- The Unfair Means Committee at college level addresses the issues of unfair practices. The students have been given an opportunity to defend themselves.
- The college always extends its administrative support and advice to the students who are having grievances related to the affiliating university examinations.

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 syllabus of every course itself clearly indicates the learning outcomes. At the beginning of the year the faculties of respective courses brief the students about the learning outcomes of the course and this is repeated during the course for the students' orientation and understanding. The affiliating university syllabi of all the subjects emphasize on subject knowledge, environment awareness, skills, moral values, self-dependency, entrepreneurship, technological awareness etc. The faculties of college are kept abreast with the learning outcomes through making them attend orientations, refresher programmes, summer courses, workshops, conferences and seminars in current topics. The management of the college takes the initiative and gives support to drive the activities of the college in consonance with the learning outcomes.

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.

The affiliating university has prescribed a pattern for the academic evaluation of the students. The academic progress of the students is assessed as per the pattern having assignments, tests and semester end examinations. The internal evaluation also considers the active participation of students in the class. The results of these examinations are declared in the stipulated time period and communicated to the students through notice boards and printed grade cards. After each semester examination, a parents' meet is organized to discuss the examination results. The topper students are felicitated in the prize distribution ceremony each year with cash prizes. The performance of the students in examinations is discussed in the IQAC, LMC and the governing council of the DSPM.

- ❖ The students of banking are the first and third rank holders in banking of affiliating university in the year 2011-12 and 2013-14.

College Performance in University Examinations in last Four Years

Class	Performance	Academic Year			
		2011-12	2012-13	2013-14	2014-15
T.Y.B.Com	I class	95	102	90	20
	II class	04	06	14	62
	Pass Class	00	00	00	01
	Fail	04	04	02	02
	College %	96.12%	96.43%	98.11%	98.51%
	University %	81.53%	81.13%	55.68%	72.12%
T.Y.B.A.	I class	12	08	19	04
	II class	39	47	28	34
	Pass Class	03	00	00	02
	Fail	04	02	04	10
	College %	93.10%	96.49%	92.16%	80.12%
	University %	74.16%	76.05%	69.64%	70.32%
T.Y.B.Sc.	I class	02	00	09	17
	II class	06	04	05	15
	Pass Class	00	00	00	01
	Fail	02	13	11	16
	College %	80%	25.00%	56.25%	67%
	University %	49.38%	50.25%	48.12%	51.17%

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

❖ **Teaching strategies:**

The IQAC of the college along with the head of the departments clearly plan the yearly calendar of curricular and co-curricular activities. The teaching schedule is strictly implemented. The emphasis is given on insisting teachers to use modern methods of teaching i.e. group discussions, slide presentations, simulations, video lectures, etc.

❖ **Learning strategies:**

The college insists on creating learner centric atmosphere. The open access to the library, use of departmental libraries, free provision of internet facility for students, availability of seminar hall for video lectures, study tours, field visits are the things which untie the students from orthodox, tedious class room teaching and make the learning more interesting and participative. Through the co-curricular activities of various departments, students are encouraged, motivated to go beyond the class room and syllabus tied teaching to enrich their personalities dynamically. Interaction with industry and alumni helps to assess the fulfillment of learning outcomes.

❖ **Assessment strategies:**

The fair and transparent examination system, assessing students through regular term end examinations, rewards for the meritorious students, punishment for unfair practices are the strategies which serve the very purpose of learning.

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?

- To make the students employable, add-on courses like Travel and Tourism, Fruit Processing introduced by the college.
- Workshops are organized for Soft-Skill development and Interview Techniques.
- The Chemistry department forwards the merit lists of the students to the relevant business organizations for employment.
- For the recruitment of the students in banking sector, with the support of UGC, a short term course was organized and 102 students were benefited.
- To inculcate innovation and research spirit in the students, they are motivated to participate in the research competitions like *Avishkar*.
- Students are encouraged to participate and present research papers in seminars; conferences etc. Three students have published their research papers in International Journals.
- For English language aptitude, a course was organized. 104 students participated in it.
- A full-fledged study centre (Modak Academy) has been opened for Competitive Examinations.

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 results of the internal and semester end examinations are indicative of the performance of the students. The result of every examination is discussed with the staff, parents and in the LMC and the governing council of DSPM.

Academically weak students are brought under the umbrella of remedial coaching and supported with extra facilities. Faculties are available for them after the teaching hours, to provide special attention through extra coaching. Personal counselling and emotional support is given to make them feel comfortable.

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

The learning outcomes of the courses taught in the college are monitored and ensured by transparent examination system. The result of every examination is discussed in LMC and GC. The results of examination are analyzed subject and department wise.

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.

The examination results being the indicators of performance of the students comment on the learning outcomes of the courses taught.

The results are taken as a base for future planning of the course. Geography department, through its varied activities such as survey using GPS and GIS make the students more practical oriented, innovative and facilitates to meet the employment market demand. The Botany department has opened a Plant Health Clinic to help the farmers in the catchment area and provided an opportunity to the students for research and innovation.

Other Relevant Information

Quality Enhancement Measures in last five years

- The principal is a member of the affiliating university examination committee constituted for enacting examination reforms.
- Some faculty are paper setters, moderators for the affiliating university examinations.
- Seven faculty work in various capacities for national/international journals such as managing editor/ assistant editor/ member of editorial board/ member of advisory committee of various.
- Faculty work as visiting lecturers for PG centres of neighbouring colleges.
- Faculty and students make deliberate efforts to increase their active participation in national and international conferences.
- The faculty also work as paper setters, moderators and examiners of Maharashtra Public Service Commission.

3.1 Promotion of Research

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

No. But, Dr. L. B. Patil, Head Department of English is a recognized guide of the University of Mumbai for Ph. D. programme in English and at present two research students are working with him for their Ph.D. degree. Principal Dr. N. P. Tendolkar and Dr. Mrs. M. R. Kale are recognized research guides of the University of Mumbai for M.Sc. (by Research) in Physics.

The college has submitted proposal to the NGO, 'Brahad Bharatiya Samaj', Mumbai, with the view to establish (Mumbai university recognized) an interdisciplinary research center. The said proposal has been approved and grant more than **one crore** is sanctioned in principle.

3.1.2 Does the Institution have a 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 composition of the research committee:

- | | | |
|--------------------------------------|---|-------------|
| • The Principal | : | Chairperson |
| • Senior faculty member | : | Convener |
| • Representative of Science faculty | : | Member |
| • Representative of Commerce faculty | : | Member |
| • Representative of Arts faculty | : | Member |
| • Representative of the IQAC | : | Member |
| • Representative of the management | : | Member |
| • Scientist/ External Expert | : | Invitee |

The committee encourages the teachers and students to undertake research projects and to participate in seminars/ symposia/ workshops/ conferences etc.

The research committee conducts four meetings annually. The committee discusses the proposals put forth by the faculty members, finalizes their claims, and facilitates participation in conferences, seminars, workshops etc. During the last five years, the committee has made various recommendations for the development of the research culture among the teachers and students. Few of them are as below:

- To organize national level conference, seminars, workshops.
- To arrange workshops on research methodology for the students.

- To apply for Major and Minor Research Projects of the affiliating university as well as UGC and to undertake Interdisciplinary and Applied Research Projects.
- To publish research papers in national and international level peer reviewed journals with high impact factor.

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

❖ **Autonomy to the principal investigator:**

The college encourages the faculty members to undertake research projects sponsored by National agencies and provides liberty for the implementation of the same. Necessary autonomy is given to the investigator to carry on research projects.

❖ **Timely availability or release of resources:**

The college releases financial resources as per the requirements for the purchasing of books, journals, equipment, chemicals and seed money is provided on need basis.

❖ **Infrastructure and Human Resources:**

The college has adequate infrastructural facilities to fulfill the basic needs of the researchers. The college has well equipped laboratories, Network Resource Center (NRC), adequate library resources, computers with internet connectivity in every department etc. Uninterrupted power supply is made available through generators, stabilizers and battery backup. The required administrative support is available for the researchers. As per provisions of funding agency researchers are free to outsource services required.

❖ **Time-off, reduced teaching load, special leave etc. to teachers:**

The facilities of special/duty leaves are available to the faculty members for pursuing research activities. The faculty members are allowed to attend the short term courses related to their research topics.

❖ **Support in terms of technology and information needs:**

The college supports the faculty members and students to use the modern technology in their research. Permission is granted to a faculty member for the training of modern technology considering its relevance of the training to his research. Technical assistance is given by the office as and when required. E-resources are available to meet information related needs. The department of Geography has Geo-Spatial Technology useful for research.

❖ **Facilitate timely auditing and submission of utilization certificate to the funding authorities:**

The administrative unit (office) takes care of timely auditing and submission of utilization certificates to the funding authorities within stipulated time.

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

The faculty members inspire the students to do research and participate in the Avishkar Research Convention organized by the affiliating University. Special incentives are given in the form of cash prizes to the students who are winners in research activity. The students of certain departments, like Geography, Botany, Chemistry and Physics are encouraged to participate and present research papers in national and state level seminars, workshops etc. All the expenditure of data collection, DTP, printing and travelling is borne by the college. Following activities were conducted by the college during the last five years. Study tours are arranged regularly to various institutes, departments like, TIFR, IISc, etc. to acquaint the students with high profile research culture.

Notable participation of Students in Research Activity at college level

Sr No	Activity	Department	Date	Students participated	Impacts/ Achievements,
1	State Level Research Paper Presentation Competition	Geography	January 14, 2011	21 students from Geography Department	first prize for a group
2	One Day workshop on Research Methodology	Research Committee	August 2012	40 students from all streams	Students got acquainted to research culture
3	One Day workshop on Research Methodology	Research Committee	August, 2014	80 students from all streams	
4	One Day workshop on Research Methodology	Research Committee	August 2015	100 students from all streams	
5	Participation in the in-house seminars, conferences, workshops, etc.	Geography, Sociology, IQAC, Marathi, Economics, Chemistry and Botany	During the national/ state seminars, conferences, workshops, etc.	223 students in all	helped to create scientific temper and research culture among the students

3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.

The faculty members are actively engaged in guiding the students for the Avishkar Research Convention. The faculty guide the students for the preparation of research papers and present the same at national and state level conferences, seminars, etc.

Students' participation in Research

Sr. No.	Year	No. of Students Guided to participate in		
		Avishkar	Conference/Seminars	PG
1	2010-11	5	01	--
2	2011-12	20	05	--
3	2012-13	16	15	--
4	2013-14	19	00	01
5	2014-15	20	20	--
6	Total	99	41	01

During last five years notable research contribution by faculty:

- Completed **20** Minor Research Projects funded by University / UGC.
- Two Minor Research Projects are ongoing.
- **09** minor research and **03** major research project proposals are submitted to the UGC for funding.
- **07** minor research project proposals are submitted to the Mumbai university for funding.
- **140** papers have been published in National and International Journals.
- **08** faculty are members of editorial boards of various National and International Research Journals.
- **150** papers have been presented in State, National and International Conferences.

3.1.6 Give details of workshops/ training programmes/ sensitization 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 college is active in developing and imbibing research culture among the staff and students. The following are the details of the same.

Seminars/ Conferences/Symposia/Workshops organized

Sr No	Dates	Title	Subject	Sponsor/ Amount Rs.	Level	participants
1	14/01/11	Research Paper Presentation Competition	Geography	College 3,000	State	29
2	18/01/11	Seminar on Career in Financial Services	Commerce	Local 40,000	District	80
3	03/03/11	Conference on Population, Environment and Tourism	Geography	UGC 1,50,000	National	154
4	16/06/11	Workshop on Preparation of a Research Project	Geography	College 2,000	Local	22
5	09/01/12	Workshop on 'Remote Sensing and GIS Applications in Geography'	Geography	CSIR 25,000	National	41
6	01/10/12	Workshop on 'use of NLIST and INFLIBNET'	Library	UGC 25,000	State	20
7	04/03/12	Seminar on Human rights and social justice	Sociology	UGC 55,000	National	33
8	07/09/12	Workshop on "Research Methodology"	Research Committee	College 3,000	Local	45
9	05/04/13	Seminar on "The Prospects and Paradigms of quality Enhancement in HEI"	IQAC	NAAC 75,000	National	59
10	06/12/13	Seminar on मराठीतील लेखन व सादरीकरण कौशल्ये व उद्योगक्षेत्रातील व्यवसायाच्या संधी	Marathi	UGC 60,000	State	28
11	14/02/14	Seminar on Economics of Marathi Cinema	Economics	UGC 80,000	State	13
12	04/08/14	Workshop on Higher education system in USA and India	Botany	AERF 5,000	Inter-national	45
13	05/08/14	Workshop on Research Methodology	Research Committee	College 5,000	Local	45
14	24/09/14	Conference on Renewable Energy and Environment	Chemistry	UGC 1,50,000	National	60
15	04/12/14	Conf. on Conservation of Natural Resources and Biodiversity for Sustainable Development	Botany	UGC 1,50,000	National	142
16	24/03/15	Workshop on climate change and global warming	Botany	Srushtidnyan 2,000	Local	46
17	14/08/15	Workshop on Research Methodology	Research Committee	College 1,000	Local	45

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

Sr	Faculty	Department	Prioritized Research areas
1	Prin. Dr.Tendolkar	Physics	Ceramics, ferroelectrics and Pervoskite materials
2.	Mr. S.V.Takalkar	Economics	Agricultural Economics
3.	Dr. L.B.Patil	English	Comparative Literature
4.	Mr. M.H.Magdum	Commerce	Marketing
5.	Mrs. S. S. Pujari	Hindi	Literature – Comparative Study
6.	Mr. V.P.Shrangare	Sociology	Gender violence
7.	Mr. A.M.Kulkarni	Commerce	Human Resource Development
8.	Mr. R.V.Thoke	Economics	Migration
9.	Dr. Varsha S Phatak	Marathi	Women literature स्त्रीवादी साहित्य
10	Dr. S.A.Patil	Geography	Environmental Geography, Urban Geography, Disaster Management and Geo-Spatial Technology
11	Mr. C.N.Math	Mathematics	Univalent and Multivalent functions, Geometric function theory
12	Mr. M.W.Jakhi	Economics	Public Finance and unorganized sector
13	Dr. Meera R.Kale	Physics	Material Science, Ferrite materials, Thin Film technology, various deposition techniques for thin films.
14	Dr. S.T.Sankpal	Chemistry	Environmental Chemistry, Heavy Metal analysis, Pollution monitoring etc.
15	Dr. P.V.Naikwade	Botany	Sustainable agriculture, Organic manures, food preservation, plant physiology etc.
16	Dr. R.P.Bansode	Botany	Cytogenetics, Genetics, Plant Breeding, Plant Tissue Culture etc.
17	Dr. A.S.Varale	Chemistry	Chemical Kinetics
18	Mr. U.B.Bhatye	Physics	Theoretical Physics
19	Mr. P.P.Jadhav	Physics	Material Science
20	Dr. H.V.Chavan	Chemistry	Organic Synthesis, Medicinal Chemistry, Green Chemistry, Novel Synthetic Methods
21	Mr. S.R.Sonawane	Commerce	Marketing, Commerce and banking
22	Mr. P. T. Nargude	Sociology	Theoretical Perspectives in Sociology

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

The college has an active research committee. Every year, various departments of the college organize seminars, conferences, workshops and lectures.

Self-Study Report – Third Cycle - 2015

Eminent scholars in the respective fields are invited to guide the participants. Special workshops for research guidance have been organized specifically to guide the students.

Eminent researchers / scholars visited in the last five years

Sr	Name	Designation	Affiliation	Date
1	Dr. D. G. Gatade	HOD, Geography	ASC College, Ramanandnagar, Sangli	3-5 March, 2011
2	Dr. B. C. Vaidya	Prof, Geography Department	JNU, New Delhi	3-5 March, 2011
3	Dr. N. N. Sawant	Principal	Parvatibai Chougale College, Margaon, Goa	3-5 March, 2011
4	Prof.M.B.Deshmukh	Professor and Head	Chemistry Department Shivaji University Kolhapur	Aug, 2011
5	Prof. Kadrekar	Ex Vice chancellor	Konkan Krishi Vidyapeeth. Dapoli	18 th Aug, 2011
6	Dr. Avinash B Ade	Professor	Dept. of Botany, Pune University	16 Dec. 2011
7	Mr. P.N. Joshi	Ex-Deputy Governor	Reserve Bank of India	Dec 2011
8	Prof. Shivaji Kamble	Professor	Dept. of Botany, Shivaji University, Kolhapur	3 Sept. 2012
9	Dr. Rajan Welukar	Vice Chancellor	Mumbai University, Mumbai.	Sept. 2012
10	Dr. D. H. Pawar	Associate Professor	Department of Geography	7 th Sept, 2012
11	Dr. Kalyan Kale	Well known Marathi Linguist	Department of Marathi, Modern College Pune	6-7 Dec 2013
12	Dr. D. D. Punde	Well known Marathi Linguist	Department of Marathi, Savitribai Phule Pune University	6-7 Dec 2013
14	Dr. Vinayak Gandhe	Professor	Dept. of Marathi, D.B.J. College Chiplun	23- Feb 2014
16	Dr. Vidyadhar Karandikar	Well Known Author	Kankavali	23- Feb 2014
17	Prof. Anupreet Singh Tiwana	Associate Professor	Geo dept, MG College Patiala, Panjab	5 th Feb, 2014
18	Dr. R. S. Hyam	Assistant Professor	South Korea	Feb, 2014
19	Dr. James Danoff- Burg	Ex-Professor	Columbia University, USA	4 th Aug, 2014
20	Prof. Chris Mayres	Professor	Miami University, USA	4 th Aug, 2014
21	Prof. Raghavendra Rao	Honorary Scientist	INSA, Bangalore	4 th Dec, 2014

Sr	Name	Designation	Affiliation	Date
22	Dr. P. G. Diwakar	Ex. Deputy Director	Botanical Survey of India	5 th Dec, 2014
23	Dr. Navaneet Kumar	Associate Professor	Panjab University	4 th Dec, 2014
24	Dr. Baban Ingole	Chief Scientist	National Institute of Oceanography, Goa	5 th Dec, 2014
25	Prof. S. R. Yadav	Professor	Dept of Botany, Shivaji University, Kolhapur	6 th Dec, 2014
26.	Dr. Prashant Alegaonkar	Associate Professor	DRDO, Pune	25 Dec. 2014
27.	Prof. B.P. Bandgar	Ex-Vice Chancellor	Solapur University, Solapur.	25 Dec. 2014

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?

The sabbatical leave is not applicable as per the existing state government rules but, the Principal sanctions duty leave to participate in various conferences, workshops, seminars and training courses, as and when necessary. In addition, faculty members are also given benefit of the study leave to pursue their Ph.D. research work.

3.1.10 Provide 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).

Faculty members completed **twenty** minor research projects funded by UGC and University of Mumbai. Out of these, most of the projects are related with problems of Konkan region in general and Sangmeshwar Tehsil in particular. Reports of the projects are submitted to funding agencies and to the related authorities for further action. The findings of research activities undertaken are of immense help to policy makers, Government Agencies, NGOs, Corporate Sector and native farmers. Currently, Geography department is carrying out an extension project on ‘G-Governance’ which is based on use of GST for micro level Cadastral Mapping of village Panutre. Chemistry department is working on analysis of some poisonous heavy metals of Ratnagiri coast. Training on preparation and use of organic manures is arranged every year for farmers in the locality. A research project was also carried out for proper utilization of *Gliricidia* which is abundant in the district for increasing crop yield.

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.

Whenever any researcher needs financial assistance beyond the funding of the concerned funding agency, financial assistance is provided. The college has been able to mobilize substantial amount of financial recourses from various funding agencies. Amount of **Rs. 10,28,200/-** was mobilized through minor/major research projects submitted to University and UGC. During the 11th plan period, UGC has also provided additional grant of **Rs. 25,00,000/-** for the purchasing of equipment. The amount is utilized to strengthen the research laboratories of Physics, Chemistry, Botany and Geography.

3.2.2 Is there a provision in the institution 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?

Financial assistance is provided to the researchers deal with the expenses towards meeting the initial costs and other recurring expenses, before the sanction amount is received.

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

The institution provides the financial and non-financial support to the students engaged in research. The institute provides ICT facilities, registration fee and travelling allowance etc. to the students those who participate in 'Avishkar Research Convention', other research competitions and conferences.

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 Geography-Physics, Chemistry-Botany, Marathi-Botany departments have jointly worked on various research aspects and published papers in international journals. The physics and chemistry department jointly organized a three days National Conference on Renewable Energy and Environment with an interdisciplinary approach. More than 60 participants contributed from both the disciplines.

Research students are given problems in inter-disciplinary areas for *Avishkar* research competition and teachers from various departments guide them.

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

Optimum use of infrastructure and instruments is ensured by the Heads of the departments. The increasing participation of students and staff members in

various research activities and competition is itself an indicator of optimal utilization of available research infrastructure.

The college has research facilities such as internet connectivity, a well-established library and various equipment such as programmable microwave furnace, Magnetic measurement set-up, Muffle furnace, LCR meter, Global Positioning System (GPS), GRAM ++ GIS software, Global Mapper GIS software, visible spectrophotometer, BOD incubator, autoclave, etc. which are used by faculty and students.

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 college received the following donation during last five years:

- Bombay Automobiles, Ratnagiri donated Rs. **25,00,000/-** for the construction of new Library building
- The college has received a generous donation of Rs. **25,00,000/-** from M/S Damodar Shivram Pvt. Ltd. for the establishment of Chemistry laboratory
- For construction of Botany Lab Rs.**3,00,000/-** donated by Chitale and Ranade
- Shree Chemicals Ratnagiri and Local NGO (AERF) have given financial assistance of Rs. **10,000/-** for the organization of two national conferences

The college has submitted a proposal of **Rs. one crore** to Brihad Bharatiya Samaj, a Mumbai based NGO for financial assistance to establish an Interdisciplinary Research Centre.

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

The college has always motivated the faculty for securing funds from various funding agencies as well as extended financial and administrative support. Following is a department wise **list of funded minor research projects** carried out (or ongoing) by the faculty members.

Physics Department

Duration	Faculty	Project Title	Funding agency	Grant in Rs.
2009-11	Prin. Dr. Tendolkar	Microwave and Ceramic Synthesis of BaTiO ₃ -SrTiO ₃ System	UGC	1.90 lac
2011-12	Dr. Meera R. Kale	Minor research Project on Room temperature electro synthesis of Nickel Zinc Ferrite Thin Films”.	Univ. of Mumbai	40,000
2013-14	Prin. Dr. Tendolkar	Studies on Ni-doped Nanocrystalline Zinc Oxide Thin Films synthesized at room temperature by Electrodeposition”	Univ. of Mumbai	20,000

Botany Department

Duration	Faculty	Title of the project	Funding agency	Grant in Rs.
2013-14	Dr. P. V. Naikwade	‘Studies On Effect Of Organic Manures Prepared From <i>Gliricidia</i> Leaves On Growth, Yield And Nutritional Value Of Fenugreek	Univ. of Mumbai	25,000
2013-14	Dr. R. P. Bansode	To Study The Biodiversity Of Pteridophytes In Ratnagiri District Maharashtra	Univ. of Mumbai	25,000

Chemistry Department

Duration	Faculty	Project Title	Funding agency	Grant in Rs.
2011-12	Dr. S. T. Sankpal	“Assessment of pollution of Ratnagiri Coast, Maharashtra, India”	Univ. of Mumbai	30,000
2013-14	Dr. S. T. Sankpal	Assessment of Bioaccumulation of heavy metals in some fish species of Ratnagiri Coast.	UGC	65,000
2013-14	Dr. A. S. Varale	Study of Thermodynamic parameters for oxidation of p-hydroxy benzoic acid hydrazide by Thallium(III) in Acidic medium –A kinetic and Mechanistic Approach	Univ. of Mumbai	25,000

Geography Department

Duration	Faculty	Project Title	Funding agency	Grant in Rs.
2008-10	Dr. Sardar A. Patil	“Management of Flood Disaster in Sangli District of Maharashtra: A Geographical Perspective”	UGC	65,000
2009-12	Dr. Sardar A. Patil	“Environmental Degradation and Environmental Conservation in Sangmeshwar tehsil with special reference to Devrukh: A Geographical Perspective”	UGC	1.05 lac
2014	Dr. Sardar A. Patil	“Application of Geo-Spatial Technology for the sustainable rural development: a case study of village Panutre”	Univ. of Mumbai	30,000

English Department

Duration	Faculty	Project Title	Funding agency	Grant in Rs.
2010-12	Dr. L B. Patil	A comparative study of Eliot and Mardhekar.	UGC	70,000

Marathi Department

Duration	Faculty	Project Title	Funding agency	Grant in Rs.
2009-11	Dr. V. S. Phatak	डॉ. सरोजिनी वैद्य यांच्या वाडःमयीन समीक्षेचा चिकित्सक अभ्यास (Critical Study of literature of Dr. Sarojini Vaidya)	UGC	50,700

Hindi Department

Duration	Faculty	Project Title	Funding agency	Grant in Rs.
2010-11	Ms. Snehlata S. Pujari	मिन्न भाषा की दो कृतियों का तुलनात्मक अध्ययन माटी की मूरते तथा व्यक्ति आणि वल्ली (Study of activities of two different languages “Mati ki Murate” and “Vyakti aani Valli”)	Univ. of Mumbai	11,000
2012-13	Ms. Snehlata S. Pujari	पु. ल. देशपांडे तथा रामवृक्ष बेनीपुरी के रेखाचित्रों का वर्गीकरणत्मक अध्ययन (Study of personalities of P. L. Deshpande & Beni Puri)	Univ. of Mumbai	16,000

Commerce Department

Duration	Faculty	Project Title	Funding agency	Grant in Rs.
2009-11	Prof. R. S. Ghanekar	Policy analysis of Public finance	UGC	45,000
2010-12	Prof. Arvind M. Kulkarni	The assessment of the HRD policies and practices in fish processing industry in Ratnagiri district: A case study of the Gadre Marines	UGC	55,000

Economics Department

Duration	Faculty	Project Title	Funding agency	Grant in Rs.
2009-11	R.V. Thoke	Unemployment and out migration from Ratnagiri District	UGC	90,000
2010-12	S V Takalkar	Problem and Prospectus of Marketing & sale of Mahila Bachat Gat: A Case study of Ratnagiri District (Maharashtra)	UGC	18,000
2011-13	M. W. Jakhi	Study of the variation of wages in informal sector - A case of Sangmeshwar Mumbai District-	Univ. of Mumbai	45,000
2013-14	R.V. Thoke	Socio-Economic conditions of migrated workers in construction A study of Ratnagiri district	Univ. of Mumbai	45,000

Department of Sociology

Duration	Faculty	Project Title	Funding agency	Grant in Rs.
2012-13	V. P. Shrangare	Spatio-temporal patterns of Gender Violence in Ratnagiri District: A Sociological study	Univ. of Mumbai	26,000

3.3 Research Facilities

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

The academic departments such as, Physics, Chemistry, Botany and Geography are well equipped with the modern equipment and technology. Internet connectivity is available in all the departments and all the faculties are allowed to use unlimited free internet. National and international journals, reference books, magazines, facility of INFLIBNET etc. are available in the library of the college to facilitate research activities among the students and teachers within the campus. A separate reading room is available for the teachers. Further, uninterrupted power supply, water supply, manpower, administrative support, laboratories space are the facilities available for research.

Facilities Available for Research

Sr No	Department	Facilities
1.	Chemistry	Visible Spectrophotometer, Electronic Digital Balance, Oven, Digital Photoelectric Colorimeter, Flame photometer, Monoquartz Distillation Unit, potentiometer, conductivity meter, PH meter, refrigerator, Water bath regulated with digital controller, Vacuum Pump, etc
2.	Physics	Muffle furnace, Programmable microwave furnace, magnetization-temperature, Hydraulic Press, measurement system C.R.O.s, Function Generators, LCR-Q Meter, Electronic digital balance, Optical Bench, etc.
3.	Botany	Dissecting and compound microscope, Autoclaves, Colorimeter, pH meter, BOD incubator, refrigerator.
4.	Geography	Weather, topographical and thematic maps, Global Mapper GIS software five license copies, GRAM ++ GIS software, QGIS, ILWIS etc. free software, GPS two sets, binocular.
5.	General Facilities	Computer lab with 23 computers, Internet access, wifi, e-resources, NRC, Chemicals, Library, Battery backup, etc

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 areas of research?

The college aims at developing infrastructural facilities to meet the needs of researchers especially in the new and emerging areas by providing required financial assistance and strategic planning.

The strategies are:

- Participation in conferences, seminars, training programmes
- Networking with research institutions and NGOs
- Subscribing journals and e-resources
- Commensuration of research projects with infrastructural requirements
- Priority based up gradation of existing infrastructure
- Procurement of grants from different funding agencies
- Optimum utilization of available grants
- Contacting and communicating with various funding agencies

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 institution has received an additional grant of **Rs. 25,00,000/-** from UGC during the 11th plan period that has been utilized for the purchasing equipment for Physics, Chemistry and Geography departments. *Brihad Bharatiya Samaj* has principally sanctioned amount of **Rs. 1 crore** for the establishment and development of interdisciplinary research laboratory.

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

The college has established contacts with nearby educational institutes like Indira Institute of Pharmacy, Sadvali. Three students of Botany department have used the resources of microbiology laboratory for their research project and participated and presented work in *Avishkar* research convention. Gadre Marines Pvt. Ltd. Ratnagiri provided three week Laboratory training to six students of Chemistry department.

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

The facility of INFLIBNET has been subscribed by central library and every faculty member has been given the user Id to access the N-list. The College library is well equipped with the following facilities.

- N-LIST (INFLIBNET) -- more than 94,000 e-books
& more than 6,000 e-journals.
- Reference books -- 17678
- Encyclopedias -- 237
- Journals: -- 08
- Magazines -- 23
- Exclusive reading space for the faculty

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.

Physics Department has collaborations with TIFR, Pune University, and Goa University which prove instrumental in using facilities like X-ray, UV etc. to carry out characterization of materials.

Chemistry department completed experimental work of analysis of fish and sediment samples by using facilities available at the Fisheries College, Ratnagiri.

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):**

- Application of lead oxide nanoparticles for squash preservation, Dr. S. T. Sankpal, and Dr. P. V. Naikwade 3797/MUM/2014
- Polyaniline Thin Film Based Super capacitor, Dr. C. D. Lokhande, Ms. S. S. Kulkarni and Ms. P. B. Patil, 2163/MUM/2004
- Manganese oxide thin film based super capacitor, Dr. C. D. Lokhande and Ms. S. S. Kulkarni 454/MUM/2005 (Accepted in the year 2010-11)

❖ **Awards and Achievements:**

- Dr. Pratap Naikwade secured ‘**Young Scientist**’ of the year **2014** award by Confederation of Indian Universities, New Delhi and Environment Research Institute, Kolkata.
- Students have bagged best research project award in Avishkar Research Convention at inter university level in the year 2012-13 and best paper award at State level Research competition in the year 2014-15.
- Geography students secured first prize for Best Paper Presentation in the State Level Research Paper Presentation Competition in the year 2011.

❖ **Research studies/surveys benefiting the community / improving services:**

Most of the research contribution of the faculty is of applied nature based on local issues. The surveys and research projects are beneficial to local community. They also help the college in improving service to the society.

- Solutions for female foeticide.
- Management of Solid Waste and Water level detection for Nagar Panchayat of Devrukh.
- Understanding socio economic conditions of the residents of Kanjivra for academic policies of the college.
- The study of human resource policies and practices of companies useful for communicating effectively emerging trends in the HR to students as well as for companies.
- Causes and consequences of out migration from Ratnagiri district.
- Study of use of Gliricidia leaves for preparing manures.
- Study of domestic violence to find out possible solutions.
- Study of wage differences in unorganized sectors for the benefit of unorganized workers.

❖ **Research inputs contributing to new initiatives and social development:**

- Application of GST for rural and urban planning and development.
- Plant Health Clinic and preparation of manures for cost cutting and organic farming.

3.4.2 Does the Institute publish or collaborate 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?

Yes. Though the college does not have a separate research publication, some of the faculty members, being members of the editorial boards, are contributing to the respective research journals which are reputed and included in international database.

Faculty contribution on Editorial Board

No	Name	Names of Journals	Impact factor/ ISSN
1	Dr. S.A. Patil	International Interdisciplinary research journal Ayushi: International Interdisciplinary research journal	ISSN 2349-638X Impact Factor 0.98
2	Dr. M R Kale	International Journal of Engineering and Research.	ISSN 2320-4338 Impact factor 1.12
3	Dr. Sankpal	International Journal of Agricultural Science	Impact Factor 0.156
4	Dr. Naikwade	Science Research Reporter, International Journal of Plant Physiology and Biochemistry, Bioscience Discovery, Life Sciences Leaflets, Intercontinental Journal of Agronomy	Impact Factor 2.83 2.75 3.42
5	Dr. Varale	Greener Journal of Physics Sciences Greener Journal of Environmental Management and Public Safety.	Impact Factor 0.779
6	Dr. Bansode	Greener journal of Medicine & Medical Sciences Greener Journal of Biological Sciences Greener Journal of Agricultural Sciences Science Secure Journal of Biotechnology	ISSN 2276-7797 Impact Factor 0.7231 0.7901
7	Dr.H.V.Chavan	Cancer Research Journal Modern Chemistry Science Journal of Chemistry	ISSN 2330-180X ISSN 2329-1818 ISSN 2330-0981

3.4.3. Give details of publications by the faculty and students.

Publications by Faculty and students

Sr	Name	Subject	Papers in peer-reviewed Journals	Chapter in Books	Books Edited/published	Citation Index	Impact Factor range	h-index
1	Prin.Dr.Tendolkar	Physics	05				0.8 - 3.0	-
2	Dr.M. R. Kale	Physics	22	01	-	154	0.8 - 3.0	06
3	Dr. S. T. Sankpal	Chemistry	18	-	01	10	1.4 - 3.76	02
4	Dr. A. S. Varale	Chemistry	20	---	--	21	0.2 - 3.84	02
5	Dr. H. V. Chavan	Chemistry	24	-	-	161	1.49 - 3.5	07
6	Dr.P.V.Naikwade	Botany	32	-	03	32	3.62-1.22	03
7	Dr. R. P. Bansode	Botany	06	01	--	03	0.35-3.58	02
8	Dr.S.A. Patil	Geography	07	00	01	01	2.23-5.2	01
9	Dr. L. B. Patil	English	05	-	-	-	0.998	-
10	Dr.V.S. Phatak	Marathi	01	-	-	-	-	-
11	Mr.M.H.Magdum	Commerce	01	-	01	-	1.62	-
12	Mr.A.M.Kulkarni	Commerce	01	-	-	-	0.5	-
13	Mr.C.N. Math	Maths	02	-	-	-	0.5-1.23	---
14	Mr.V.P.Shrangare	Sociology	05	-	-	-	0.5 - 2.2	-
15	Mr.P.T. Nargude	Sociology	11	--	--	--	2.3	--

Research papers published by the faculty (yearwise)

Sr. No	Year	(Peer reviewed)				(Non- Peer reviewed)		
		National		International		Number of Papers in		
		Number	With Impact factor	Number	With Impact factor	State	National	International
1	2010-11	01	--	02	--	--	05	--
2	2011-12	03	--	16	--	--	07	01
3	2012-13	02	--	29	--	1	1	--
4	2013-14	--	--	30	5	1	1	01
5	2014-15	02	02	33	28	01	06	01
Total		08	02	110	33	03	20	03

3.4.4 Provide details of

❖ **Research Awards received by the faculty:**

- Dr. Pratap Naikwade has been awarded as ‘Young Scientist’ of the year 2014 by Confederation of Indian Universities, New Delhi and Environment Research Institute, Kolkata.

❖ **Recognition received by the faculty:**

- Dr. Pratap Naikwade has been invited as visiting scientist by Colorado State, USA for the research on Climate Change.
- Dr. Pratap Naikwade has been invited for Post-Doctoral Fellowship by Mauritius University, Mauritius for the research on green manures and green pesticides.

The following faculty were invited as resource persons in National and International Conferences:

- Prin. Dr. N. P. Tendolkar
- Dr. S. A. Patil
- Dr. P. V. Naikwade
- Dr. H.V. Chavan

Felicitations of faculty for receiving state, national and international recognitions for research contributions:

The college motivates to the faculty by felicitation. Further, research achievements are placed on record by the way of performance indicators which contribute to the promotion and professional growth of the faculty member.

3.5 Consultancy

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

The college is situated in rural and hilly area of the state with less industry development in the surrounding area. Institute industry interface is locally not possible but, at the district place i.e. Ratnagiri, the college has established Industry-Institute relationship especially with fisheries export unit in the current year. Six students of Chemistry department have completed industrial training in Gadre Marine Exports Pvt. Ltd, Ratnagiri. Faculty members are establishing interface with the industry by way of personal consultation.

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

The institute has very limited scope for consultancy. Some of the faculty members have been engaged in providing consultancy at informal level. Botany department provides consultancy to farmers for preparation of organic manures, disease management and estimation of carbon credit. Geography department provides consultancy to *Grampanchayat*, Panutre in using GST for G-governance.

The Digital Cadastral Map of the *Grampanchayat*, Panutre designed with exact numerical details by Geography department proved useful to the local body for implementing developmental schemes of the government. It has been instrumental in decision making with utmost accuracy.

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

The college encourages its faculty to use available facilities for consultancy. The administrative support, adjustment in teaching schedules, duty leaves whenever needed are provided to the staff members. Geography department of the college has extended its support to *Nagarpanchyat* Devrukh in town planning using GIS/ GPS technology.

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

The college provides consultancy on honorary basis in different areas e.g. preparation of organic manures, use of GST for planning and governance, plant health clinic etc.

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 consultancy is provided on free of cost.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

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

❖ ***Bima Doot Yojana:***

- Promotion of *Pradhanmantri Surksha Bima Yojana* (PMSBY) for the community.
- The college has taken lead for *Bima Saksharata* in Sangameshwar Tehsil. As a part of the campaign, all the eligible students (417) and their family members have been insured for Rs. 2 Lacs each (total insured amount **8.34 crores**) under PMSBY. In the next phase the whole Sangameshwar tehsil will be insured with the help of nationalized banks. Our students work as *Bima Doot* for creating awareness about necessity and benefits of different insurance schemes.

❖ ***Insurance policy for Unorganized Sector:***

Since last two years the college has taken initiative to insure the household and construction workers under the Government insurance schemes for unorganized sector. During 2014-15 and 15-16, **89** workers have been insured with the help of District Labour Office, Ratnagiri. The insurance policy for which the college has taken initiative ensures the following benefits:

- In case of accidental death of a worker, the nominee can get benefit of **Rs. 2,00,000/-** and pension benefit of **Rs. 12,000/-** per annum.
- A worker who has become permanently disabled is eligible for the benefit of **Rs. 1,00,000/-**. Medical benefit of **Rs. 10,000/-** is given for delivery/ surgery to household female workers
- A scholarship to children for graduation of above mentioned female workers.

❖ ***Nirantar Swachhata Abhiyaan (Regular Cleanliness Drive):***

The DSPM and college, responding positively to the prime minister's appeal out of their keen sense of social responsibility, have initiated 'Clean Devrukh' campaign. Once in a month, all the students go to **26** different *wadis* (localities) in different groups and motivate the citizens to join hands in cleaning the streets and public places.

❖ ***Health checkup camps for women and girl students:***

The WDC regularly conducts health checkup camps for all the girl students in the college. The health status case papers of every girl student are maintained for further medical treatment.

❖ ***Awareness programmes for climate change:***

The NSS volunteers, under the guidance of faculty and in collaboration with Mumbai based NGO ‘Srushtidnyan’ and Sweden based NGO ‘Klimate Action’ have carried out awareness programmes for climate change. Every month, the college students select one project related to climate change such as preparation of rain gauge and wind vane from waste material, seed bank, use of e-waste etc. Moreover, students from nearby schools from Angavali, Kundi and Belari participate in the project.

❖ ***Soil and Water Conservation Programmes:***

The NSS department of the college regularly carries on the activities of soil and water conservation. Nala bunding, tree plantation are some of the activities in this direction.

❖ ***Disaster Management Training:***

The college organizes Disaster Management Training Programme for the students in collaboration with ‘Raju Kakade Help Academy’, a local NGO.

❖ ***Institution-Neighborhood-Community Network:***

The NSS, WDC and DLLE have been engaged in building institution-neighborhood-community network. Every year, the WDC and NSS conduct health checkup camps for female students. Students are also involved in assisting the police department for local yatra management. The activities like Plastic-Free Marleshwar and Tikaleshwar campaign give the students a wider outlook and sense of responsibility as a good citizen.

❖ ***Students as Teachers:***

The Education Department has selected 23 students and authorized them to teach Mathematics and Science in the 17 primary schools (with the 8th standard newly attached) in the Sangameshwar Tehsil which do not have sufficient regular teachers.

3.6.2 What is the Institutional mechanism to track students’ involvement in various social movements / activities, which promote citizenship roles?

Through informal communication, most of the faculties get information about students’ involvement in social activities. The units of NSS, DLLE, WDC work under the guidance of program officers and faculty members using the inherent leadership structure of these units. The program officers, faculty members and leaders in these units seek to involve the other students in social activities. Formal documents and records are maintained. The Principal is kept informed about the activities.

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

The meetings with Governing Council (GC), Local Managing Committee (LMC), Parents' Meetings are sources for soliciting the perception of stakeholders about the overall performance and quality of the institution. The Alumni Association, and personal rapport with the citizens of the faculty and the management members prove to be helpful in getting feedback about the quality and performance of institute. The college website is updated regularly for keeping the stakeholders informed about the developments in the college.

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

The college has three units of NSS, one unit of Lifelong Learning & Extension as well as Women Development Cell that are actively engaged in extension and outreach programmes.

The activities of these units are neatly planned at the beginning of the year and included in the yearly calendar. The proposed activities are discussed initially with the Principal and the IQAC team and if required, necessary changes are incorporated. Budgetary allocations are made in accordance with the rules and regulations of the affiliating university. The major extension and outreach programmes organized by the college are given below:

❖ **Women Development Cell Activities:**

The WDC of the college regularly organize programmes on the issues related to women. Health checkup camps, gender sensitization, campaign against domestic violence and female foeticide etc. are some of its activities. The government of Maharashtra has recognized the contribution of WDC by honouring the college with “**Jagar Janiwancha**” (Recitation of sentiments) Awards. The college got district level 1st and University level 2nd Prize for the academic year 2012-13 and district level 2nd prize for the academic year 2013-14 from Higher and Technical Education Department, Maharashtra State.

❖ **National Service Scheme activities:**

The NSS unit of the college is active in addressing various issues. Some of its **activities** are enlisted below.

- Soil and water conservation projects
- *Nirantar Swachhata Abhiyaan*
- Health awareness programmes
- Save Energy Campaign

- Environment Awareness Campaign
- Social Awareness Rallies and programmes
- Training Programmes on Organic Farming

❖ **Lifelong Learning and Extension**

A unit of Lifelong Learning and Extension of the college is actively engaged in various social and outreach programmes such as:

- Surveys and projects on various cross cutting issues like status of women in society, problems of senior citizens etc.
- Various awareness programmes on population explosion, female foeticide, etc.

❖ **Budget for Extension Activities during last four years**

Extesion Programme	Activities Conducted	Expenditure in Rs.
NSS	Annual Camp Activities: <ul style="list-style-type: none">• Road construction• Nala bunding• Village cleaning• Awareness rallies on various issues• Lectures on leadership development Regular Activities during the year: <ul style="list-style-type: none">• Tree plantations• Rallies• Swachhta Abhiyan• Programmes related to climate change and environment awareness	4,40,000/-
DLLE	<ul style="list-style-type: none">• Street plays• Programmes on population explosion• Quiz competitions• Organization of popular lectures regarding current issues	90,000/-
WDC	<ul style="list-style-type: none">• Health check-up camps• Organization of lectures	16,000/-

❖ **Impact on the students:**

- Increased awareness among the students about gender sensitivity.
- Large participation of students in extension activities.

- Students' initiative in Swachhata Abhiyan and Bima Doot Yojana with almost 100% attendance.
- Increased student participation as climate ambassador for climate justice.

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?

In the beginning of the academic year, the faculty of the respective units counsel and communicate the students about the activities and benefits of participation in the activities. The students of these units are benefited with 10 grace marks. Additional examinations are conducted for those students who miss the regular exams due to such participation. Though the units are entrusted with specific faculty, the involvement of all the faculties in the activities is ensured particularly in the residential camps.

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 under-privileged and vulnerable sections of society?

The curricular and co-curricular departments are engaged in social surveys, research related to society and extension work that ensure social justice and empower students from under-privileged and vulnerable sections of society. The details are as below:

- The college has conducted an 'Insurance Literacy Survey' in the tehsil. This has resulted in an insurance drive conducted by the college for 100% insurance coverage of students under PMSBY. Parents are also being insured in a consecutive phase.
- The college has conducted a survey on health and hygiene in Devrukh during the 'Nirantar Swachhata Abhiyaan'
- Sociology department of the college has studied the cases related to domestic violence in Ratnagiri district.
- Department of Geography carried out a Socio-Economic Survey of Kanjiwara region near Devrukh town during October 2014. The department also conducted a ground water and solid waste survey of Devrukh town in 2012.
- The DLLE undertakes Survey of Women's Status (SWS) and Population Education Club (PEC) projects every year. It helped the students to understand the status of women in their locality and also created awareness among the students.
- NSS unit carries out surveys of female foeticide, health and hygiene in the tehsil etc.

- Department of Marathi carried out a survey and collection of folk songs and tales in the academic year 2014-15.
- Department of Economics carried out surveys in the academic year 2011-12 on wages in informal sector and decreasing tendency in Raagi cultivation in Sangmeshwar Tehsil.
- The college conducted computer literacy programme under equal opportunity scheme.
- Hindi Department carried out survey regarding knowledge of Hindi language of the secondary school students.

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 extension activities of the college are aimed at inculcating civic responsibility, value system and broadening the outlook of the students towards the world. These activities are planned in such a way that the objectives are achieved. The experiences taken by the students, their interaction with the citizens from the various strata of the society, acquaintance with social problems, finding out possible solutions and linking all these experiences with the curriculum create awareness and give them a better perception of formal education. For example, the outreach programme on organic manures has enabled the students to learn how to prepare and use organic manure.

These activities are learner centric and inculcate among them the values like dignity of labor, gender equality, humanity, patriotism, social responsibility, secularism etc. NSS unit and Raju Kakade Help Academy a local NGO collaborately carry out various activities.

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?

NSS special residential camps, *Nirantar Swachhata Abhiyaan*, social awareness rallies are some of the examples which ensure community participation. Meetings with government officials, NGOs, officials in *Nagar Panchayat* are held to plan and organize these activities. Publicity is given before the activities commence and the local population is involved.

The sociology department of the college organized one day district level workshop for senior citizens of the Ratnagiri district in April, 2012 to orient them on Government policies for pensioners.

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 college has established informal relationship with NGOs like ‘*Srushtidnyan*’, ‘AERF’ for organizing different projects on the cross cutting issues, climate change. By conducting surveys, street plays, rallies, awareness campaign; people are made aware about conservation of sacred groves.

The NSS unit and *Raju Kakade* Help Academy a local NGO and also carry out various activities such disaster management, rejuvenation of local river *Saptlingi* under the *Saptlingi bachao* programme, etc.

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.

The college is actively engaged in extension activities through NSS, Lifelong Learning & Extension and Women Development Cell. The college has received the following awards and recognitions.

- ❖ “**Jagar Janivancha**” (Recitation of Sentiments):- District level 1st and University level 2nd Prize for the academic year 2012-13 from Higher and Technical Education Department, Maharashtra State.
- ❖ “**Jagar Janivancha**” (Recitation of sentiments):- District level 2nd prize for the academic year 2013-14 from Higher and Technical Education Department, Maharashtra State.

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 scholarships etc.**

NIL

- 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.**

The Girish Karnad film club of the college has collaborative linkage with Federation of Film societies of India (FFI), Mumbai. This film club screens various national and international films and documentaries to the students. Thus the students are exposed to the international issues through the visual art. The enrichment in vision, sensitivity and attitude achieved their by indirectly helps the students in the academic understanding and enhancement of the quality of their life.

The Botany department of the college, ‘Srushtidnyan’, a local NGO and Kortoff Gymnasium, a college located at **Sweden** are the partners. In collaboration, these institutes have organized programs regarding forest conservation and a workshop on climate change and global warming. College students along with teachers visit nearby schools and different projects related to climate change issues are implemented. Local school and college students become aware of the consequences of climate change and the need for environment protection.

- 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 services etc.**

The college sends list of meritorious students to various industries for placement purpose. The Resilient Pharmaceuticals limited, Pune has recruited two commerce students through campus placements.

The Chemistry department through its placement promotion drive contacted Finolex Industries Ratnagiri, Jindal Thermal Power Plant Jaigad, US Vitamins, Chiplun and successfully placed six students.

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.

Eminent scientists /Resource persons visited in last five years

Sr	Dates	Name	Department	Resource Persons
1	3-5 th Jan, 2011	UGC sponsored National Conference on Population, Environment and Tourism	Geography	Dr. D. G. Gatade Dr. B. C. Vaidya Dr. N. N. Sawant Dr. Vinod Veer Dr. D. H. Pawar
2	18 th Jan, 2011	Seminar on Career in Financial Services	Commerce	Dr.S.S.Sahastrabudhe Shri. P. N. Joshi
3	9-10 th Jan, 2012	Two Day National Level Workshop on 'Remote Sensing and GIS Applications in Geography'	Geography	Dr. Shirdhankar B. Mahalingam Dr.S.C.Thakurdesai Dr. Sameer Butala
4	4-5 th Mar, 2012	National Seminar on Human rights & social justice	Sociology	Dr. P. M. Kamath Dr. B. B. Patil Prin.R.S.Malusthe
5	5 th April 2013.	Two Day National Level Seminar on "The Prospects and Paradigms of quality Enhancement in HEI"	IQAC	Dr. Ashok Thorat Dr. Subhash Deo
6	6-7 th Dec, 2013	Seminar on मराठीतील लेखन व सादरीकरण कौशल्ये व उद्योगक्षेत्रातील एवढवसायाच्या संघी	Marathi	Dr. V. Gandhe Dr. D. D. Punde Dr. Kalyan Kale
7	25-27 th Sept, 2014	National Conference on Renewable Energy and Environment	Chemistry	Dr. P.Saptarshi Dr.M.B.Deshmukh Dr. R. M. Patil
8	25-27 th Sept, 2014	National Conference on Renewable Energy and Environment And visiting lectures	Physics	Dr.P.Alwegaonkar Dr. Navaneet Kumar Dr. Anand Ghaisas Dr. R. S. Hyam
9	27-29 th Nov, 2014	National Conference on Conservation of Natural Resources and Biodiversity for Sustainable Development	Botany	Dr. R. Rao Dr. Baban Ingole Dr. P.G. Diwakar Dr. S.R. Yadav
10	14-15 th Feb, 2014	Seminar on Economics of Marathi Cinema	Economics	Kanchan Satpute
11	4 th Aug, 2014	Workshop on Higher education system in USA and India	Botany	Dr. James Danoff-Burg Prof. Chris Mayres

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 programmes:**

The perspective plan of the Mumbai University did not permit for the initiation of traditional PG courses in the affiliated colleges. To facilitate PG programmes in Arts and Commerce disciplines, which are in demand, the college has signed an MOU with the YCMOU, Nasik.

k) Introduction of new courses:

The college has made an MOU with the Indian Institute of Remote Sensing (IIRS) and under this, a certificate course on Basics of Remote Sensing, GIS and GNSS is being conducted. 22 students are enrolled for the course.

l) Any other:

MOU with Sangameshwar Taluka Associations for Hockey and Taekwondo and also with Ratnagiri District association for Volleyball are the efforts, the college makes, for developing sports culture, professionalism and expertise.

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

The management and administration of the college provide infrastructure and student support for the implementation of the objectives.

Other relevant information

Quality Enhancement Measures in last five years

- Active Research Committee
- Infrastructural and financial support
- Availability of adequate infrastructure
- Subscription and use NLIST e-resources
- Active involvement in research by all faculty members
- Participation of most of the departments in carrying out Minor Research Projects funded by UGC and affiliating university.
- Increase in National/International level publications during last five years
- Organization of seminar/conferences with interdisciplinary relevance
- Visits of eminent personalities for seminars/conferences
- Motivation to promote student research on the campus
- Conducted workshops on research for in-house students
- Student participation and achievements in research competitions/ activities at various levels
- Initiatives towards establishment of Research Centre seeking funding from NGO
- Started exploring possibilities for collaborations and consultancy
- Some new linkages established
- Increased focus on student engagement in diverse extension activities

Participation/Presentation in Conferences and as Resource Persons/Chairperson

Year	State/University			National			Inter-national		Faculties as Resource Person in Sem / Conf		
	Seminar/ conf/ Symp		Workshop	Seminar/ conf/ Symp		Workshop	Seminar/ conf/ Symp		State	National	International
	Paper presentation	Participation		Paper presentation	Participation		Paper presentation	Participation			
2010-11	01	01	04	12	--	--	01	3	--	--	--
2011-12	03	01	05	19	05	05	12	01	01	-	--
2012-13	04	--	10	20	01	--	09	--	--	--	--
2013-14	03	--	14	24	--	--	11	01	--	--	--
2014-15	02	03	--	23	13	--	12	03	01	03	03
Total	13	05	33	98	19	05	45	08	01	03	03

Conferences/ Seminars/Workshops/symposia Organized

Year	State/University/ District/ Tehsil		National			International	Total
	Seminar	Workshop	Conf	Seminar	Workshop	Workshop	
2010-11	--	02	01	--	--	--	03
2011-12	--	01	--	01	01	--	03
2012-13	--	02	--	01	--	--	03
2013-14	02	02	--	--	--	--	04
2014-15	--	04	02	--	--	01	07
Total	02	11	03	02	01	01	20

4.1 Physical Facilities

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

Since the last accreditation, there has been a steady development in the infrastructural setup. The college insists on getting funds from UGC and the management of DSPM.

The infrastructural requirement demands are sought from the various departments and collectively discussed in the IQAC / LMC meetings. Funds are allocated on priority basis and considering the need.

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.**

❖ Facilities available for curricular activities:

• Lecture halls	: 15	• Seminar Hall	: 01
• Science Laboratories	: 04	• LCD Projectors	: 02
• Commerce Laboratory	: 01	• DVD Players	: 01
• Geography Laboratory	: 01	• T.V. Monitors	: 01
• Language Laboratory	: 01	• Digital Cameras	: 02
• Botanical garden	: 01	• Sound system	: 02
• Reading Rooms	: 02	• Examination Room	: 01
• Departmental Libraries	: 05	• Ladies Rooms	: 02
• Computers	: 70	• HOD cabins	: 09
• Laptops	: 02	• Faculty Rooms	: 02
• Power Generators	: 01	• Xerox machines	: 02
• Internet Facility	: 25		

❖ **Laboratory Details**

Department	No. of Laboratories	Area (Sq mtr)	Capacity No. of students	Features
Physics	02	135.18	60	Spacious laboratories with necessary equipment/glassware /chemicals for practical and research
Botany	01	113.60	50	
Chemistry	01	85.68	40	
Computer Science	01	72.00	50	28 computers with broadband connection and LAN, licensed software / antivirus
Commerce	01	61	30	04 computers with internet with necessary software
Geography	01	49.72	30	Various Maps, GPS instrument, binocular GIS software, 01 computer with internet
Language laboratory	01	41.6	12	06 computers with necessary software

❖ **Details of Departmental Libraries**

Department	No. of Books /other material
Commerce	200
Chemistry	115
Physics	110
Computer Science	75
Botany	70

❖ **Equipment purchased out of UGC grants**

Physics: Programmable Microwave Furnace, Magnetization-Temperature Measurement System. C.R.O.s, Function Generators, LCR-Q Meter, Electronic Digital Balance, Optical Bench, Hydraulic Press, Muffle furnace.

Chemistry: Water bath regulated with digital controller, Vacuum Pump, Visible Spectrophotometer, Electronic Digital Balance, Oven, Digital Photoelectric Colorimeter, Flame photometer, Monoquartz Distillation Unit, potentiometer, conductivity meter, PH meter, refrigerator.

Botany: Dissecting and compound microscope, Autoclaves, Colorimeter, pH meter, BOD incubator, refrigerator.

Geography: Weather, topographical and thematic maps, global mapper GIS software five license copies, GRAM ++ GIS software, QGIS, ILWIS etc. free software, GPS two sets, binocular.

❖ **Facilities for co-curricular activities:**

1	Ladies Hostel	01(for 26 students)
2	Photo Copier Machines	02
3	Network Resource Centre	06 computers with Internet Connection
4	Seminar Hall Equipped with LCD and Sound System	01
5	Counseling center	01

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

❖ **Facilities for Extra-curricular activities:**

- **Sports Infrastructure:**
 - Gymkhana office
 - Outdoor Facilities: 400 meter running track, volley ball ground, Hockey ground etc.
 - Indoor stadium of 9815 sq.ft. for indoor games
 - Indoor Multipurpose Sports Hall in progress with a Badminton Court, Tennis Court, Volleyball Court, Basketball court with changing rooms.
 - ✓ Separate well equipped Gymnasium
 - ✓ Table Tennis Hall with one table capacity
 - ✓ Chess and Carom hall with 06 carom capacity
- **Infrastructure for NSS:**
 - NSS office with area 150 sq.ft equipped with computer setup
- **Health and hygiene:**
 - Health Centre – First Aid facility is provided in a college and the panel of doctors is available for prompt medical services.

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.

The development of infrastructure is always done considering the priorities and demands of various departments. At the same time, the future development plan is used as a basis for the infrastructural development and extension. The infrastructural requirement plans along with its budgetary

estimation are discussed in the LMC and then in GC and enough care is taken that those plans suit the requirements of the college. The heads of the departments are keen in optimum utilization of the facilities provided. The principal and the IQAC are always in touch with the heads regarding the provision of the facilities and their utilization.

Expenditure on facilities added during the last five years in Rs.

Sr	Title of Facility	Construction	Equipment	Total
1	Central Library	37,22,897/-	82,000/-	38,04,897/-
2	Running Track	41,52,395/-	--	41,52,395/-
3	Indoor Stadium, Gymnasium	63,03,011/-	2,41,872/-	65,44,883/-
4	Sports Equipment	---	3,90,205/-	3,90,205/-
5	Girls' Hostel	44,21,356/-	2,10,000/-	46,31,356/-
6	Art Gallery	1,24,23,390/-	2,30,422/-	1,26,53,812/-
7	Science Laboratories and classrooms	26,69,865/-	22,90,902/-	49,60,767/-
8	Language Laboratory	45,000/-	1,43,000/-	1,88,000/-
9	Network Resource Centre	-----	2,36,544/-	2,36,544/-
10	Seminar Hall	39,000/-	1,44,000/-	1,83,000/-
	TOTAL	3,37,76,914/-	39,68,945/-	3,77,45,859/-

The Master plan of the college campus for next five years includes:

- Further development of Sports Complex
- To establish Interdisciplinary Research Centre
- To start Yoga Centre as a part of health clinic
- Upgrade existing old infrastructure and facilities
- Development of separate administrative block

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

The college is keen in providing required facilities for physically disabled students. The college makes necessary arrangements for the students who are having some incidental physical problems. There are separate writers for examination, suitable seating arrangement at the ground floor or even in separate rooms, availability of doctors in case of need.

In the last five years, no such case of physically disabled student has been registered.

4.1.5 Give details on the residential facility and various provisions available within them:

- **Hostel Facility–Accommodation available:**

A Girls' hostel with a capacity of 07 rooms (occupancy 26) has been constructed out of UGC grants in the 11th plan.

- **Recreational facilities, gymnasium, yoga center, etc:**

The gymnasium facility is available at central place and specific morning time slot is allotted for girls. The television facility is also provided.

- **Computer facility including access to internet in hostel:**

Computer facility is available in the hostel

- **Facilities for medical emergencies:**

The college has a panel of doctors for any emergency. The services are made available immediately.

- **Internet and Wi-Fi facility:**

Internet facility is available in the hostel.

- **Recreational facility-common room with audio-visual equipment:**

Common room with audio visual equipment such as television, music system is available.

- **Available residential facility for the staff and occupancy:**

Residential facility is available for rector.

- **Constant supply of safe drinking water:**

Safe drinking water is provided.

- **Security:**

Care is taken that hostel premise is secure.

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?

The college has a panel of doctors for emergency medical services and any emergency call can be met promptly. The WDC of the college organizes health checkup camps for the girl students and lady staff members, in collaboration with Pant Walawalkar Multi-speciality hospital, Dervan. Medically unfit cases of girl students are referred to this hospital and necessary provision of cost-free treatment is made.

4.1.7 Give details of the Common Facilities available on the campus

Spaces for special units

Sr. No.	Unit	Area (sq meter)
1	IQAC and NRC	31.08
2	YCMOU OFFICE	17.27
3	Counselling and Career Guidance	17.11
4	Health Centre	16.87
5	Canteen	31.20
6	NSS	13.10
7	Ladies Room	40.15
8	Seminar Hall	217.12
10	Common staff rooms	71.08
11	Separate cabin for each department	5-12

4.2 Library as a 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, student/user friendly?

The college has a library committee which consists of the librarian and four faculties. All the decisions regarding the library infrastructure and other equipment are taken in the meetings of the committee. The decisions about book purchases are based on the demand requisitions of the respective departments. In the last four years, departmental libraries have been established to facilitate students with additional books. The students have freedom to submit their requisitions for reading material and they are encouraged to do so.

Open access to the library, manual as well as computerized cataloging, spacious reading room, book bank for SC/ST students, INFLIBNET and internet access are the facilities provided by the library.

4.2.2 Provide details of the following:

❖ Total Area of the Library:

The library has a total area of **326.28 sq. meter**. In this area, it has Reference Section, Periodicals Section, Text Book and Book Bank section, circulation counter, CD/DVD's and e-resources section, Digital Library, Reading areas for faculty as well as students and Internet access for students. It has a well-organized and digitally catalogued collection that can be accessed using Online Public Access Catalogue (OPAC).

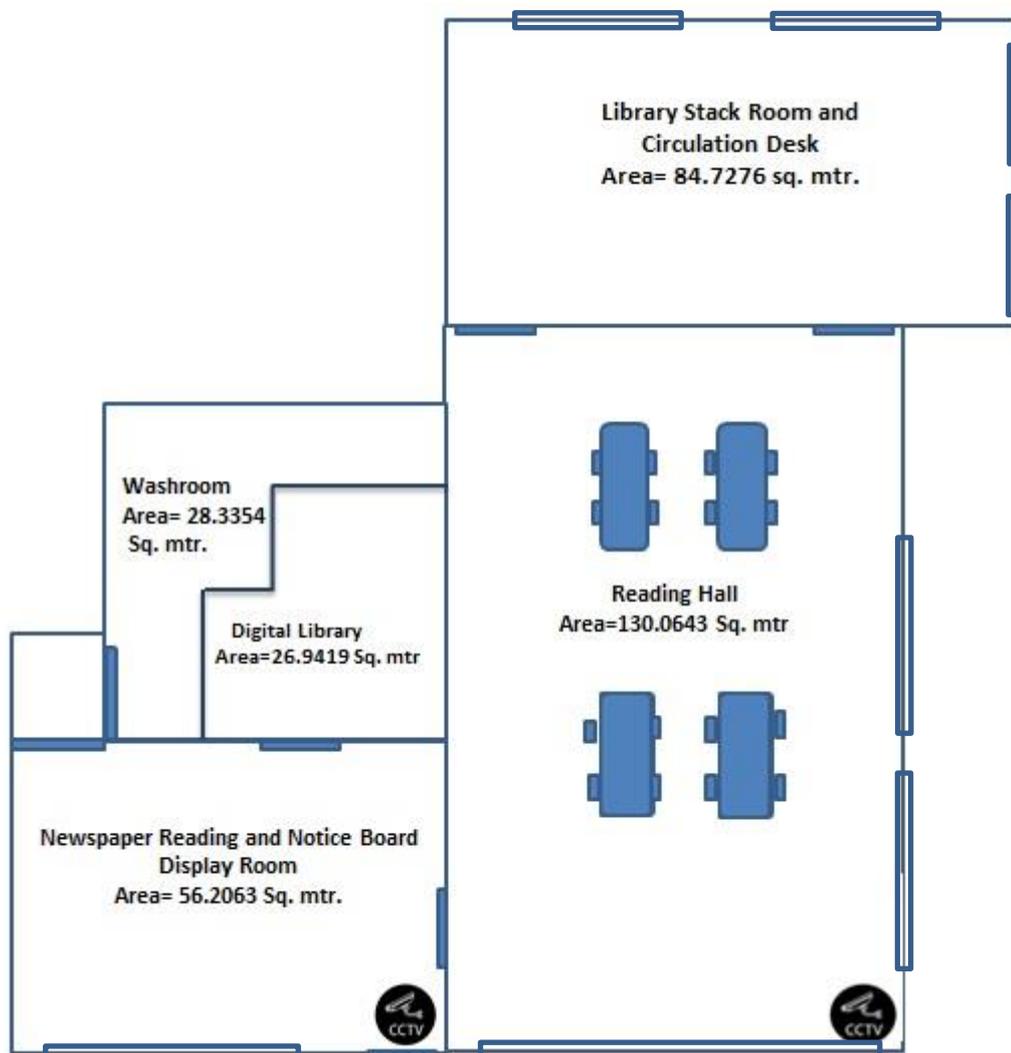
❖ Total area of the library (in sq. mts.): 326.28 Sq. Mts.

❖ Reading Room seating capacity : 75 Students

❖ Working hours:

- Monday–Saturday : 9:00 AM – 6:00 PM**
- During Examination : 7:30 AM – 6:00 PM**

❖ Library Building Layout



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.

As per the guidelines of the Library Committee, the functioning of library takes place. Library purchases books, periodicals suggested by the faculty on the recommendation made by the HODs.

Suggestions from students are encouraged and accepted regarding book purchase. The list of new additions to library of books and periodicals are communicated to all departments and students. The library organizes book exhibitions on special occasions and sanctioned with special themes to develop and inculcate the reading habits among the users.

Library purchases during last five years

Library holdings	2010-11		2011-12		2012-13		2013-14		2014-15		Total Rs.
	No	Cost Rs.									
Text Books	828	98,769	747	93,841	653	66,437	881	81,070	706	77,789	41,7906
Reference Books	489	1,08,997	1509	6,70,677	63	19,112	350	1,19,929	571	2,69,887	11,88,602
Journals/Periodicals	23	6,905	46	31,125	41	26,015	30	17,550	31	16,900	98,495
e-resources	-	-	NLIST	5,000	-	-	-	-	NLIST	5,000	10,000
E-Books (NLIST)	-	-	76,909+	5,000	-	-	-	-	93,809+	5,000	10,000
E-Journals (NLIST)	-	-	2,137+	5,000	-	-	-	-	6,247+	5,000	10,000
Total Rs.		2,14,671		8,10,643		1,11,564		2,18,549		3,79,576	17,35,003

4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?

❖ **OPAC:**

Collection of the library can be searched on intranet using comprehensive and user-friendly search interface (WEBOPAC) of library software. The users can also check own issued records status by using WEBOPAC Link anywhere from college premises.

<http://192.168.1.23/webopac/>

❖ **Library Website:**

All the relevant details about the library are available on the library page of the college website:

<http://www.aspcdevrukh.ac.in/pages/facilities/library>

❖ **Library automation:**

The library uses SOUL 2.0 software. It is a state of art Integrated Library Management (ILS) software designed and developed by the INFLIBNET Centre, Ahmedabad. This software consists of modules for acquisitions, cataloguing circulation, serial control, administration and OPAC.

❖ **Total number of computers for public access**

Total **seven** computers with one printer are available for access to student and staff. Library web opac and the digital library can be accessed from any PC of the college.

❖ **Internet bandwidth/speed**

8 Mbps shared on the campus network.

❖ **Institutional Repository:-**

The institution has setup an institutional repository at the main server of the college for access in the college intranet using the DSpace software. It is being supported with content like NPTEL lectures, publications of the faculty, previous question papers, study material like presentations etc.

❖ **Participation in Resource sharing networks/consortia**

The college has subscribed to NLIST facility provided by the INFLIBNET. It provides access to more than **6247** scholarly full text, **e-Journals** and to more than **93809 e-books** covering various disciplines. Access is provided to all the faculties and they actively use the facility for referencing the scholarly content.

4.2.5 Provide details on the following items:

❖ Average number of:

- walk-ins : **50-100 Students**
- Books Issued or returned : **50-90 Books**
- books added in last three years : **1074**
- logins to OPAC : **NIL**
- logins to e-resources : **10**
- e-resources downloaded : **24**

❖ Ratio of library books to students enrolled : **1:38**

❖ Information literacy trainings organized : **01**

❖ Details of “weeding out” of books and other materials:

As on 15th April, 2015, **4053** books have been written off (weeded / lost & paid) from library collection following all statutory procedures.

4.2.6 Give details of the specialized services provided by the library

❖ **Manuscripts:**

College Library does not have any Manuscripts collection.

❖ **Reference:**

Yes. Selective Dissemination of Information (SDI), Current Awareness Service (CAS) and Referral Services are provided by the library.

❖ **Reprography:**

NIL

❖ **ILL (Inter Library Loan Service):**

The college is having an agreement with 'Sadguru Lokmanya Sarvajanic Granthalay' with effect from June 2015 for Inter Library Loan service. The college gives books to public library for their readers as per demand.

❖ **Information deployment and notification:**

The library provides bulletin board service. There are two notice boards in the Library for display of current information, publications, new books arrival, new periodicals arrival, employment news and other useful information.

❖ **Download:**

The library has download facility available within the jurisdiction of relevant copyright laws.

❖ **Printing:**

Printing facility is provided for faculty and students.

❖ **Reading list/Bibliography compilation:**

Librarian provides list of books to faculty /Students and researchers for their reference. Of let arrivals of different subjects are also made available.

❖ **In-house/remote access to e-resources:**

E-resources in the institutional repository can be accessed in house over the intranet infrastructure. Outside the college campus, those can be accessed over internet.

❖ **User Orientation and awareness:**

Students are introduced to the services available in the library at the beginning of the year. Students are trained in searching the Web OPAC, Internet browsing e-journals, etc. The workshop on N-LIST awareness programme was conducted.

❖ **Assistance in searching Databases:**

Personal assistance for searching database is provided.

❖ **INFLIBNET/IUC facilities:**

The N-List (National Library and Information Services Infrastructure for Scholarly Content) facility of INFLIBNET (Information and Library Network) provides access to over 6247+ full text scholarly e-Journals and 93809+ e-books covering various disciplines.

4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.

Library collection is well organized and stacked using DDC classification scheme with appropriate labels and guides. The library staff is prompt in providing the required service and helping the staff to search and retrieve most relevant documents from rich collection of library.

4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.

Library will provide required facilities for visually/physically challenged persons.

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 feedback is taken from students and teachers on services provided by the library. The valuable and possible suggestions are considered for implementation. The library committee in its meetings takes decisions regarding the suggestions.

4.3 IT Infrastructure

4.3.1 Give details on the computing facility available (hardware and software) at the institution.

❖ Total number of computers: -- **70**

Place	Configuration							
	Processor	Mother Board	RAM GB	Hard Disk	CD/ DVD	Monitor	Software	Count
Office	Dual Core	G41	2 GB DDR3	500 GB	DVD writer	15” LED	Windows MS Office	08
	Core 2 Duo	Intel G41	2 GB DDR3	500 GB	DVD writer	18” LED	Windows MS Office	01
	Core 2 Duo	Intel G41	2 GB DDR3	500 GB	DVD writer	15” LED	Windows Server 2003, MS Office	01
Principal	Dual Core	G41	2 GB DDR3	500 GB	DVD writer	15” LED	Windows, MS Office	01
College Exam	Dual Core	G41	2 GB DDR3	500 GB	DVD writer	15” LED	Windows, MS Office	01
Univ. Exam	Dual Core	G41	2 GB DDR3	500 GB	DVD writer	15” LED	Windows, MS Office	01
Language	Dual Core	G41	2 GB DDR3	---	DVD writer	15” LED	Linux	01
Economics	Dual Core	G41	2 GB DDR3	---	DVD writer	15” LED	Linux	01
Sociology	Dual Core	G41	1 GB	---	DVD writer	15” LED	Linux	01
Geography	Dual Core	G41	2 GB DDR3	500 GB	DVD writer	15” LED	Windows, MS Office	01
Chemistry	Dual Core	H61	1 GB	---	DVD writer	18” LED	Linux	01
Botany	Dual Core	G41	2 GB DDR3	---	DVD writer	15” LED	Linux	01
Physics	Dual Core	H61	1 GB	---	DVD writer	18” LED	Linux	01
Commerce	Dual Core	H61	1 GB	---	DVD writer	18” LED	Linux	01
Commerce Lab	Dual Core	H61	2 GB DDR3	---	DVD writer	18” LED	Linux	04
Librarian	Dual Core	G41	2 GB DDR3	500 GB	DVD writer	15” LED	Windows, MS Office	01

Self-Study-Report – Third Cycle - 2015

Place	Configuration							
	Processor	Mother Board	RAM GB	Hard Disk	CD/ DVD	Monitor	Software	Count
Main Server HP Proliant ML10	Intel Xeon E3-1220 V2	Intel server board	8 GB DDR3 ECC	1 TB	DVD writer	18” LED	Debian- Edu Server	01
Firewall	Dual Core	H61	2 GB DDR3	160 GB	CD ROM	---	IPCOP Linux Firewall	01
IQAC	Dual Core	H61	1 GB	500 GB	DVD writer	18” LED	Windows, MS Office	01
Library circulation	Dual Core	G41	1 GB	250 GB	---	15” LED	Windows, MS Office	01
Library OPAC	Dual Core	G31	1 GB	---	---	15” LED	Linux	01
Library Internet Access	Celeron Dual Core Inbuilt	G61	2 GB DDR3	---	---	15” LED	Linux	06
Network Resource Centre	Dual Core	H61	1 GB	---	DVD writer	18” LED	Linux	03
Computer Lab	Celeron Dual Core Inbuilt	G61	2 GB DDR3	---	---	15” LED	Linux	18
	Dual Core	H61	1 GB	250 GB	DVD writer	18” LED	Windows, MS Office	05
	Dual Core	G41	1 GB	250 GB	---	15” LED	Windows, MS Office	04
Computer Lab Staff	Core 2 Duo	G41	2 GB DDR3	500 GB	DVD writer	18” LED	Windows, MS Office	01
Science Staff Room	Dual Core	H61	1 GB	---	DVD writer	18” LED	Linux	01
Seminar Hall	Dual Core	H61	1 GB	500 GB	DVD writer	Projector	Windows, MS Office	01

- Laptops -- 02
- Computer-Student Ratio -- 1:10.6
- Stand-alone facility -- 02
- LAN facility -- All computer except those in exam section are connected by Gigabit LAN.
-

- Wi fi facility -- Wi fi facility is available
- Licensed software -- MS windows,
- MS windows Server,
- MS office
- Visual Studio
- SQL Server and Client - 5
- Global Mapper(5 copies)
- GRAM++,
- SOUL (LIS)
- Number of computers -- 68
- With Internet facility
- Any other -- The College promotes use of latest Open Source Software Technology in departments, Digital Library, Computer Lab and Network Resource Centre.

4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

All the computers in the college except those used in college examination section are equipped with internet connection. All academic departments have been provided separate computers. Besides, computer laboratory with 25 computers can be used at mutually convenient time by faculty or students. A Network Resource Centre with 05 PCs is an additional facility for the teachers and students. The central library is also equipped with 07 PCs for access to internet and the institutional repository.

Proper security measures are taken while providing internet access by using a special firewall machine. Also, every internet user is given a username and password so as to enable access restriction / monitoring and fair academic usage.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The college is in the process of upgrading its IT infra-structure and related facilities. In the forthcoming years the college plans to introduce

- Internet facility with Wi-Fi and with increased capacity internet service.
- The library is being upgraded with advanced software ‘SOUL’.
- Installation of highly sophisticated tools like ARC-GIS in the Geography department.
- Computer Science and Physics department take care of upgrading IT infrastructure as and when necessary. For this purpose, outsourcing is also done.

The management is keen in providing the ICT facilities as per requirement. In the departmental meetings with IQAC and principal the demands are discussed and strategy is finalized to meet those demands.

4.3.4 Provide details on the provision made in the annual budget for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution

Year	New addition Rs.	Up-gradation Rs.	Maintenance Rs.
2011-12	51,975/-	17,325/-	79,055/-
2012-13	1,31,544/-	68,355/-	1,73,55/-
2013-14	86,625/-	6,750/-	1,073,03/-
2014-15	1,24,620/-	42,000/-	1,14,478/-

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?

The faculty is motivated to use the ICT resources as a teaching aid. As a result, most of the faculty use PPTs, Videos and Internet to retrieve data and use it in a more effective way for class room teaching. A Seminar Hall is a permanent facilitated venue for ICT based teaching. Moreover, all the departments have been facilitated with the Internet which is used by the faculty for a small group of students in teaching. The faculty screen the NPTEL lectures, and also the demonstration of various simulations prepared by virtual laboratory (Amrita University, Tamilnadu). College conducts online course on ‘GIS’ using video conferencing through A-view Software. Students are encouraged to design PPTs and demonstrate them in seminars.

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.

All the academic activities of the college are designed and deployed keeping in view the interests of all the students. Free internet, availability of computers in every department, well equipped computer laboratory are the facilities available for the students for ICT based independent learning. Web designing training to students, NPTEL lectures, virtual laboratory (Amrita University) and preparation of articles for *Botanica* by using Internet are some of the examples of student centric approach of the college in teaching learning process.

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 college avails National Knowledge Network (NKN) connectivity in the form of INFLIBNET. One of the services provided by this facility is NLIST (National Library and Information Services infrastructure for scholarly content) which provides on-line access to around 6247+e-journals (e.g. Royal Society of Chemistry) and 93809+e-books.

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 allocation of budget for the following facilities is need based and considering the urgency. The utilization of the budget is strictly monitored by the principal and the IQAC.

Budget and Expenditure for maintenance for last four years

Facilities	Budget	Cost	Budget	Cost	Budget	Cost	Budget	Cost
	2011-12		2012-13		2013-14		2014-15	
Building	15,000/-	15,834/-	1,95,000/-	1,91,868/-	15,000/-	16,486/-	12,000/-	10,733/-
Furniture	1,45,000/-	1,50,000/-	20,000/-	25,000/-	20,000/-	18,000/-	1,50,000/-	1,40,000/-
Equipment	55,000/-	50,000/-	12,000/-	10,000/-	10,000/-	12,800/-	90,000/-	1,00,000/-
Computers	45,000/-	50,000/-	8,000/-	10,000/-	5,000/-	7000/-	65,000/-	70,000/-
Total	2,60,000/-	2,65,834	2,35,000/-	2,36,868/-	50,000/-	54,286/-	2,67,000/-	3,20,733/-

4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?

The college has appointed a separate staff for the maintenance and upkeep of the computers vis-à-vis for electrification, laboratory equipment, plumbing and other building maintenance. Outsource services are also hired if necessary.

The Annual Maintenance Contracts are in force for Inverters/UPS, Intercoms, CCTVs etc.

4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?

For laboratory instruments in the Physics, Chemistry and Botany, calibration is done regularly twice in a year by the faculty members as per the procedures given in the service manual. The services of technicians are hired whenever required. The research instruments are maintained properly.

4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?

The major sections like IQAC, Examination, Office, Library, CCTV system, Computer and Research Laboratory are supported with UPS and a generator. The college has ample availability of water and for constant supply, water pumps have been installed.

Other relevant information

Quality Enhancement Measures in last five years

- ❖ Need based development of infrastructure:-
 - Construction of new library, sports complex, 400 meter, 8 lane Running Track,
 - Well-furnished laboratories
 - Internet facility for students and faculty
- ❖ The institute has built an art gallery worth of Rs. 1.25 crores for the antique and rare collection of the paintings of college. The collection includes 150 paintings with some of the chosen and the best paintings of noted painters like Abalal Rehman, Bowmanji Pestanji, S. L. Haldankar etc.
- ❖ The Modak Academy is a study centre for competitive exams for the students in and off the campus.

Comparative statement of Infrastructure added during last five years

Sr.	Item	2010	2015
1	Built up Area (sq meter)	1,821	2634.60
2	Girls' Hostel (sq meter)	--	302.68
3	Sports Complex (sq meter)	--	153.72
4	Gymnasium (sq meter)	--	
5	Running Track 400 meter x 8 lanes	NIL	01
6	Library Space (sq meter)	145.49 sq. mtr	217.12
7	Kala Dalan (sq meter)	--	1021.9
8	Seminar Hall (sq meter)	--	145.49
9	Classrooms		+3
10	Laboratories	3	5
11	Toilet Blocks (sq meter)	4	6
12	Competitive exam centre	NIL	112.63
13	Books	33002	38919
14	Computers	23	38
15	Internet access for students	NIL	9 computers
16	Licensed Software	6	25

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?

The college publishes its updated prospectus annually. It gives information about the followings:

- Mission, Vision and Objectives
- The college and available facilities
- The members of the DSPM
- Information about teachers and employees
- Courses available/Elective options
- Eligibility criterion
- Fees structure and refund rules
- Government concessions and scholarships
- Awards given by the institution
- Examination schedule
- Rules and regulations of the college
- University ordinances

The college strictly follows the rules and regulations of the university and the state government regarding admission procedure. The preparation of the academic calendar in the beginning of the year ensures the timely implementation of the schedule. During the academic year, various committees are formed to conduct the activities. Parents' meetings are conducted to brief them progress of the students and on the ongoing activities of the college.

5.1.2 Specify the type, number and amount of institutional scholarships / free-ships given to the students during the last four years and whether the financial aid was available and disbursed on time?

The number of student beneficiaries of institutional scholarships

Year	Type of scholarships	Number	Amount in Rs.
2011-12	Students Welfare Fund	14	39,860/-
2012-13	Students Welfare Fund	12	27,380/-
2013-14	Students Welfare Fund	05	19,140/-
2014-15	Students Welfare Fund	10	28,000/-
Total		41	114380/-

5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

Financial Assistance provided (last four years)				
	2011-12	2012-13	2013-14	2014-15
Central Government	356 (57.98%)	362 (56.65%)	378 (59.06%)	367 (54.85%)
State Government	24 3.90%	18 2.81%	23 3.59%	24 (3.58%)

Percentage (%) indicates percentage of beneficiaries to all students

5.1.4 What are the specific support services/facilities available for students from SC/ST, OBC and economically weaker sections, students with physical disabilities?

The facilities available for students of category SC, ST, OBC and for students from economically weaker sections are as follows.

- Financial aid through a corpus of Rs. 1,00,000/- provided by the parent institute (DSPM) for economically weaker students.
- Payment of fees in instalments for economically weaker students
- State and Central Government scholarships / free-ships
- Bus concession through state government schemes.
- Health Check-up Camps for girl students.
- Equal Opportunity Centre
- Book Bank scheme for backward class students.
- Remedial coaching for academically weak students
- Provision of Reservation policy in admission
- Facilities for physically disabled students

❖ **Students' participation in various competitions:
(National and International)**

The college extends administrative and financial support to the students who participate in University, National and International level competitions. Faculty members mentor such capable students and guide them for the competitions. Cultural, Sports, Research, NSS, DLLE are the committees which regularly represent the college in such competitions. The students who excel in such competitions are felicitated duly by the principal and the management members.

❖ **Medical assistance to students:**

Medical assistance is provided to all the students. The WDC of the college especially takes care of the health of the girl students by organizing various expert lectures on issues related to them. The Health Check-up

camps are organized every year in coordination with Pant Walawalkar Multi-speciality Hospital, Dervan. The college has constituted a panel of doctors viz. Dr. R. V. Kanitkar, Dr. Vaibhav Kulkarni and Dr. Mrs. Mohana Kulkarni who look after the day-to-day medical needs of students.

The college has insured all the students of the college under a group insurance scheme of New India Assurance Company of Rs. 50,000/- each. Recently, the college has initiated a drive to promote “Pradhan Matri Suraksha Bima Yojana” (PMSBY for Rs. 2 lac) for the Sangameshwar tehsil and in the first phase, all the eligible students are brought under the protection of PMSBY.

❖ **Organizing coaching classes for competitive exams and training**

Under the UGC scheme 'Coaching for Entry in Services', the college has organized coaching courses for IBPS, police recruitment etc. Modak Academy is established as a study centre to facilitate the students appearing for competitive exams.

❖ **Skill development (Communicative English, computer literacy)**

The college has initiated skill development programme under NSDC-Funfirst Global skillers pvt ltd for the college students. ‘Refrigeration Installation and Servicing’ and Washing Machine Installation and Servicing’ are the two courses run free of cost. No. of students enrolled for both courses is 70.

A full fledge course for 'English Grammar and Communicative English' was organized, 102 students were benefited. The computer science department of the college takes special efforts for making all students computer literate.

Courses were conducted such as Spices production, Garments, Bakery, Cashew nut processing, Aluminum foil packaging, fruit processing, paper bags and purse making under the patronage of MITCON 94 students were benefited. The college also runs skill oriented value added courses like Certificate Course in Fruit Processing and Marketing, Certificate Course in Hotel Management and Tours Travels, Diploma in Hotel Management and Tours Travels, etc.

❖ **Support for “slow learners”**

For certain disciplines, particularly science, bridge courses are developed and conducted in various subjects at the commencement of the first semester. Subsequently, for certain subjects, viz. Physics, English, Chemistry, Botany remedial coaching is also being conducted with the view to bring conceptual clarity (in the respective subjects). Some special laboratory sessions are also conducted to bring the slow learners in the main stream.

❖ **Exposure of students to other institution of higher learning/ corporate/business house etc.**

Most of the departments of the college regularly organize Industrial Visits and Study Tours to the institutions of national importance like IISc, TIFR, IIT etc. Six T.Y.B.Sc. students of chemistry department were sent to Gadre Marines Pvt Ltd for industrial training. Departments like Physics, Chemistry, and Commerce are in regular touch with the nearby colleges with PG centres for the upward mobility of the final year pass out students.

❖ **Publication of student magazines**

'Aakanksha' is the annual magazine of the college. It is a platform for the students to manifest their thinking and literary abilities. It is annually published since 1975. The college also organizes the 'Raja Rajwade College Annual Magazine Competition' for the colleges in Ratnagiri, Sindhudurg and Raigad districts. 'Botanica' is a students' monthly wall paper especially published by the students of Botany department.

5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.

Many departments including all in science stream, Commerce and Geography organize study tours, industrial visits for giving exposure to the students and inculcating entrepreneurial skills thereby. The college runs two add-on courses on 'Fruit Processing' and 'Travel and Tourism' for the students to make them capable of self-employment. Some of our students have started their own businesses e.g. Banana and Cashew cultivation and processing, tourism, real estate development, mobile shop, hoteling, retailing, electrical household, dairy appliances repair and maintenance, computer hardware, laundry etc.

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.

To create the ambiance of co-curricular and extra-curricular activities, the college has strategically developed the required infrastructure and facilities.

❖ **Higher level policies/strategies:**

- Full-fledged 400 meter running track, pitches for Kho-kho, Volleyball, Kabaddi, Hockey etc are available for the sports students. In addition, 10,000 sq. ft. indoor stadium with the provision for basketball, badminton, table tennis is under construction.
- A well-equipped gymnasium.
- A qualified Sports Director whose salary is borne by the institution has been appointed.

- MOU with Sangameshwar Taluka for Hockey, Taekwondo association and for Volleyball with Ratnagiri district for developing sports culture, professionalism and expertise.
- Hiring of services of experts for some special cultural events

❖ **Operating Strategies:**

- Constant encouragement to the students for participating in sports and cultural competitions at various levels
- Full financial assistance and professional coaching
- The college faculty as team managers
- Conduct of additional examinations for participants
- Provision of sport kits
- Cash prizes from the institution for achievements at various levels like zone, university, state, national, international etc

5.1.7 Enumerate 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, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defense, Civil Services, etc.

The DSPM (parent institution) has introduced and established a study centre named 'Modak Academy' which extends support to the students appearing for state/civil services examinations. All the facilities for such students have been provided by the academy. College faculty too guide the prospective students

5.1.8 What type of counselling services are made available to the students (academic, personal, career, psycho-social etc.)

Since the college belongs to the rural and hilly area, most of the students are economically and socially backward and need careful mentoring at college level. The faculty establish personal relationship with the students.

At the time of admission, students are counseled and guided to choose elective options. The senior faculty guide the students regarding the career opportunities. The personal problems of the students are looked into by the faculty.

The WDC of the college takes care of the health and psychological issues of the students. In connection with the same, lectures of experts are organized. Health check-up camps work as an instrument to bring out and resolve their health problems.

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.

The faculty guide and encourage the students to identify the job opportunities. The AMCAT aptitude test was conducted in 2011-12 for T.Y.B.Com students. Chemistry and Computer Science departments send list of the final year students to respective industrial organizations. Students have been selected in banks, schools and corporate sector.

After graduation the students who aspire to pursue PG education, consult with the faculty of the respective subjects and seek guidance.

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 grievance cell of the college looks after the grievances of the students. It includes the principal, vice-principal and the members of discipline committee and students representative. Students can directly approach any of these members to resolve their grievances. In the last four years the cases reported for redressal are nil.

5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?

The strict discipline in the college, gender awareness drives, personal care of girl students, immediate attention to their needs and complaints, has created a very healthy atmosphere. However as the direction of state government of Maharashtra the college has constituted 'Mahila Takrar Nivaran Samitee', which looks after such kind of grievances. In the last four years no case of sexual harassment has been reported. However, a few cases of eve teasing have been reported and amicably sorted out as per the procedure.

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?

The college has constituted an anti-ragging committee as per the directions of UGC. The strict discipline, monitoring through CCTV (all classrooms, labs, library, playground), classroom guidance, personal counselling have contributed towards assuring a safe and secure environment. Consequently no case of ragging has been reported so far.

5.1.13 Enumerate the welfare schemes made available to students by the institution.

The welfare schemes availed by the students are listed below:

- Endowment prizes for meritorious students
- Insurance cover for all students
- UGC conveyance allowance for students
- Bus concession passes through government schemes
- Facility payment of fees on instalment basis
- Coaching for competitive examinations
- Book bank facility for SC /ST students
- Financial and academic support for students' research
- Support for students participation in various conferences
- Health check-up camps for girl students
- Student Welfare Fund for needy 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?

Under the wings of Devrukh Shikshan Prasarak Mandal (DSPM), an alumni association functions. Some past students are the management members and they actively contribute to the development of the college. Organizations of programmes, collection of donations are the prime activities of this association. IQAC has two members from alumni association to establish linkage between the college and alumni association.

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	2011-12	2012-13	2013-14	2014-15
UG to PG	20%	21.64%	29.53%	18.53%
To Employment	9.66%	13.76 %	16.96%	17.03%

From the point of view of employment, in last four years, more students have got employment.

- 5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort 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.

Programme wise pass percentage

Course	Academic Year			
	2010-11	2011-12	2012-13	2013-14
T.Y.B.Com	72.15 (62.96%)	96.12 (81.53%)	96.43 (81.13%)	98.11 (55.68%)
T.Y.B.A.	80.56 (73.15%)	93.10 (74.16%)	96.49 (76.05%)	92.16 (69.64%)
T.Y.B.Sc.	33.33 (55.34%)	80 (49.38%)	25.00 (50.25%)	52.38 (48.12%)

(Figures in bracket indicates percentage of the University results)

Comparison of results of with that of other major colleges in the district

Year	Course	ASP College Devrukh	DBJ College Chiplun	GJ College Ratnagiri	Result Quality Trend		
					First Class	Second Class	Pass
2010-11	B.Com	72.15 (62.96)	79.90	95.00	25	31	01
	B.A.	80.56 (73.15)	79.10	83.50	08	39	11
	B.Sc.	33.33 (55.34)	67.10	79.70	00	05	00
2011-12	B.Com	96.12 (81.53)	84.3	82.0	95	04	00
	B.A.	93.10 (74.16)	92.4	85.2	12	39	03
	B.Sc.	80 (49.38)	59.0	78.4	02	06	00
2012-13	B.Com	96.43 (81.13)	83.6	91.1	102	06	00
	B.A.	96.49 (76.05)	92.5	90.8	08	47	00
	B.Sc.	25.00 (50.25)	59.0	79.2	00	04	00
2013-14	B.Com	98.11 (55.68)	84.16	89.67	90	14	00
	B.A.	92.16 (69.64)	91.20	87.35	19	28	00
	B.Sc.	52.38 (48.12)	64.28	80.16	09	05	00
2014-15	B.Com	98.51 (72.12)	82.89	91.42	20	62	01
	B.A.	80.12 (NA)	(NA)	(NA)	16	24	---
	B.Sc.	67.00 (62.14)	65.13	77.12	17	15	01

* Figures in the bracket show percentage of university results.

Result of B.Com. of the college shows continual hike and is higher than that of other two colleges. The students of banking are the first rank holders in banking of affiliating university for the years 2011-12 and 2013-14.

5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

Since Devrukh town is located in a hilly area and most of the students belong to the villages and socio economically backward classes, they are least aware about the career choices and options available. To promote the higher education is no doubt the prime objective of the college but to have it employment oriented is an additional value. Considering the importance of employment the college motivates the students on both levels, to go for higher education and to have an early employment.

- **Promotion to higher education:-**

In the nearby colleges like DBJ College, Chiplun and GJ College, Ratnagiri, post-graduation courses in almost all subjects are available. The respective heads of the departments of the college guide the students about elective options, level of difficulty, utility for employment etc. As well as the commerce faculty organize the workshops of Management Institutes to promote the students towards management education. The Ratnagiri Sub-Centre, University of Mumbai runs predominantly PG courses in chemistry and environmental science. The students also get an opportunity to continue their PG through this centre.

- **New Courses:**

Recently, the college has initiated PG programmes in commerce through Yashavantrao Chavan Maharashtra Open University so that the graduates can continue their education along with their job. The college has also initiated BA. B.Com courses of YCMOU to off-stream learners.

The college has applied to affiliating University for starting professional course ‘M.Sc. in Renewable Energy’.

- **Add on Courses:**

The college runs Diploma and Certificate courses in Hotel management and Tours-travels, Fruit Processing and Marketing for self-employment.

- **Career Guidance:**

The different departments organize expert lectures on career guidance, personality and soft skill development etc.

- **Study Centre:**

The DSPM has established a study centre named ‘Modak Academy’ which extends support to the students appearing for state/civil services examinations like UPSC, MPSC.

- **Promotion for placement:**

Every year, some departments of the college recommend their meritorious students to different business organizations for jobs.

5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?

The major reasons for dropout from the college are financial situation, early marriage, out migration for employment etc. The college takes the following steps to reduce dropout and failures.

- Personal contact and counseling
- Financial assistance
- Concession in fees (full or partial)
- Payment of fees in installment
- Paying for travelling passes
- Counselling the probable drop out students and persuading their parents
- Remedial and extra coaching
- Providing books, notes, question bank, model answers on personal level by the faculty

5.3 Student Participation and Activities

- 5.3.1 List the range of sports, games, cultural and other extra-curricular activities available to students. Provide details of participation and program calendar.

Co-curricular and Extra-curricular activities

Activity	Participation per year	Event
Cultural	About 90	Dance, Singing, Skit, Mime, Mono-Acting, Clay Modelling, Collage, Folk Dance, Installation, Rangoli, Cartooning, Debating, Elocution, Poetry Recitation, Story Writing
Sports	About 75	Chess, Carrom, Hockey, Kabaddi, Badminton, Volleyball, Taekwondo, Tug of War, Boxing, Table Tennis
N.S.S.	250	Swachhata Abhiyaan, Tree Plantation, Rallies on social Issues, lectures, Nala Bunding, various awareness programmes, blood donation camps
DLLE	100	Street Plays, Wallpapers, Survey of Women's Status, Population Education Project, Lectures
WDC	200	Health Check-up, Gender Awareness Programs
Film Club	130	Film and Documentary Screening
Science Association	100	Lectures for Students

- In the academic year 2010-11, the college had an opportunity to host the zonal level cultural event 'Youth Festival' of affiliating University. Twenty six colleges of the zone participated in it. College bagged nine awards in it.
- In the current academic year 2015-16 college organized zonal level volley ball competition. Twenty colleges participated in it.

- 5.3.2 Furnish the details of major student achievements in co-curricular, extra-curricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.

Achievements in Sports (last four years)

District	Zonal	University	State	National	International
Gold - 05 Silver- 03	1 st prize-01	Gold - 03 Silver - 01 Bronze- 04	Silver -- 02 Bronze -02	04 students participated	04 students participated

Achievements in Cultural Activities (last four years)

District	Zonal	University	State	National
1st Rank - 01	1st Rank - 14	Gold - 01	Gold - 01	Gold - 01
2nd Rank- 02	2nd Rank - 09	Silver - 05	Silver - 03	Silver - 02
3rd Rank- 01	3rd Rank - 03	Bronze - 04	Bronze - 03	Bronze- 01
	Consolation-03	Consolation-03	Consolation - 01	

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 a mechanism to seek feedback from the existing students through filling of structured questionnaires. This feedback is all about the functioning of the college, teaching process, infrastructure etc. This feedback is discussed with the heads of the departments and concerned faculty. Since the college belongs to the rural area, it is possible for the faculty and management members to interact personally with the past students, parents and other stakeholders. This feedback proves to be decisive in the improvement of functioning of the college.

The decision of starting M.Sc. by research and by papers in physics and by paper in Renewable Energy is an outcome of the feedback sought from the past students and stakeholders. The decisions of construction of running track, equipped gymkhana are other few examples of how the college considers the feedback from its stakeholders.

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 annual magazine "Aakanksha" is an open dais for the students to contribute their creative writing. A separate committee looks over the matter of *Aakanksha*. The different subject teachers encourage and guide the students to write in *Aakanksha* on different current and contemporary topics. Some departments occasionally publish issue based wallpapers. The Botany department of the college publishes *Botanica* wallpaper which consists of students' articles on various botanical topics.

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 a Students' Council constituted as per Maharashtra University Act 1994 (40(b)). It consists of

- ❖ Principal as the chairman
- ❖ One faculty, nominated by the principal
- ❖ One NSS programme officer

- ❖ One student from each class, who has shown academic merit at the examination held in the preceding year and who is engaged in full-time studies in the college, nominated by the principal.
- ❖ Teacher in-charge of Sports activities
- ❖ One student from each of the following activities who has shown outstanding performance, nominated by the principal, viz.
 - Sports
 - NSS
 - Cultural Activities
- ❖ Two girl students nominated by the principal. Provided that two of the students from the category 5 & 6 shall be those belonging to the Scheduled Caste or Scheduled Tribes or Denotified Tribe (*Vimukta Jatis*)/ Nomadic Tribes or other Backward Classes.

The student members of the council shall elect, from amongst themselves, a secretary of the council. Students' Council with the help of the Principal and faculty organize sports competitions, cultural activities, annual day functions and all other activities of Annual Social Gathering.

Funding for these activities are provided by the college from the fees collected from the students.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them.

Academic/Co/Extra-curricular	Administrative
Commerce Association	IQAC
Science association	NSS
Geography Association	Students' Council
Film Club	Women Development cell
Vangmay Mandal	Cultural Committee
Gymkhana	Backward Class Development Cell
Consumer Co-operative Store	

5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

Under the wings of DSPM, the Alumni Association functions and coordinates with the college and DSPM to organize various events/programmes. Some of the alumni are functioning in different capacities as management members of DSPM, staff members of the college, IQAC committee members etc. The former faculty members of the college occasionally visit the college. Whenever required, they are consulted by the management, principal and teachers.

Other relevant information

Quality Enhancement Measures in last five years

- ❖ Insurance coverage for all the students under PMSBY
- ❖ Organized a programme, ‘Metamorphosis’ in the august presence of the Vice Chancellor of the affiliating university for career guidance.
- ❖ Disaster management training for students
- ❖ Establishment of film club affiliated with Film Societies of India
- ❖ Health check-up camps for girl students
- ❖ Blood group camps
- ❖ Installation of fire extinguishers
- ❖ CCTV in classrooms, laboratories and the library
- ❖ Water purifiers in the campus
- ❖ Provision for registrations of Aadhar card at college campus
- ❖ In the academic year 2010-11, college had an opportunity to conduct zonal level cultural event ‘Youth Festival’ of the affiliating University. Twenty Six Colleges of the zone participated in it. College bagged nine awards in it
- ❖ In the current academic year (2015-16), college organized zonal level ‘volley ball’ competition. **Twenty** colleges from Ratnagiri and Sindhudurg districts participated.

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.?

❖ Vision:

Devrukh Shikshan Prasarak Mandal is committed to meeting educational, social and cultural needs of this area and to create an atmosphere of equal opportunity to all.

The Mandal envisions to provide and promote higher and modern education to all the seekers in such a manner that it results in all-round development of them.

❖ Mission Statements:

- We are dedicated to impart, facilitate and provide higher education.
- It is our mission to develop personality of the students and to motivate them to participate in curricular, co-curricular, extra-curricular activities and make them conscious of the constructive role they have to play to uplift the society through various college activities and beyond.

❖ Institution’s Distinctive Characteristics:-

The vision and mission statement of the college is in tune with National Higher Education Policy. Institution’s vision and mission reflect national aspirations and expectations. The college has oriented all its academic and administrative programmes/activities towards fulfillment of the vision and mission statements.

❖ Translation of mission statements into activities

The college has planned and executed all its academic activities in tune with the vision and mission of the college. New academic programmes are introduced to provide access to students in frontline areas of education. Co-curricular and extra-curricular activities are so planned and canvassed as to improve overall personality of students and encourage their participation. Infrastructural facilities are augmented to enhance teaching–learning activities. Extension activities have been put in practice to create social awareness. Programmes to inculcate civic responsibilities among the youth are planned and executed through community involvement.

6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?

The management is fully committed to fulfill its vision and mission. Hence, it provides full support to the development of college. The management structure of DSPM has three tiers viz. the Governing Council, the Local Managing Committee (LMC) and the Principal. Brief details of these tiers are given below:

- ❖ **The Principal** – The principal is, the administrative head of the college, is the secretary of LMC and is also an ex-officio member of the Governing Council. The principal reports the recommendations as deliberated by the LMC to the Governing Council and faculty.
- ❖ **The LMC** – The LMC is a statutory body for day-to-day administration as per Maharashtra University Act, 1994.

Constitution of the LMC

- President of the GC - Chairman
- Principal - Ex-officio Secretary
- GC representative - Member
(Nominated by President)
- Three faculty - Members
(Elected by the faculty)
- A non-teaching staff representative - Member
(Elected by the staff)

The committee formulates recommendations/action plans on the basis of inputs received from the stakeholders/IQAC.

❖ **The Governing Council** –

The Governing Council is the apex body of the DSPM. It meets once every month, preferably on second Sunday. It decides by way of resolutions the policy frame work about programmes and facilities etc. The GC has been divided into committees for directing functioning and control of activities. Even the outside members are invited as members of the committees to share their expertise. e.g. Advisory Committee, Maintenance Committee, Building Committee, Land Matters Committee, Alumni Association.

❖ **Design of quality policy as plans:**

The quality policy is designed with respect to the issues involved in bottom up or top down manner.

• **Bottom-up:**

Members of IQAC take feedback from students, parents, alumni and other faculty. They also make their own suggestions. All the issues with regard to academics, infrastructure, discipline, extracurricular activities, sports etc. are discussed thoroughly in the IQAC and recommendation are made to LMC. LMC takes views on the suggestions and in turn gives recommendations to the governing council.

• **Top-down:**

There are certain issues which are deliberated directly in the governing council and resolutions are passed accordingly. Such resolutions are conveyed to the principal for their implementation.

❖ **Implementation of quality policy and plans:**

Implementation of quality policy and plans is equally important. Once the governing council passes the resolution, it allocates or commits to allocate funds as per time schedule needed for implementation. It also helps the principal to galvanize human resources or logistical support for proper and effective implementation of quality policies and plans. In the governing council meeting, objective review is taken of the previous resolutions and their implementations and modifications are done in modus operandi, if needed.

6.1.3 What is the involvement of the leadership in ensuring:

❖ **Policy statements and action plans for fulfillment of the stated mission:**

The top management does not just pass the resolutions, but is actively involved in implementation and review of the plans. It allocates/arranges necessary funds, helps college administration in garnering human resources and logistical support.

❖ **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan:**

Formation of action plans is done with ways top-down and bottom-up as explained earlier. Top management is also involved proactively in implementation of plans.

❖ **Interaction with stakeholders:**

The top management is transparent and always accessible to all the stakeholders. It welcomes all the suggestions and considers them in policy making and implementation.

❖ **Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders.**

The basic existence of top management is for fulfillment of the vision and mission of the institution. In order to achieve this, it analyses the needs, takes inputs from research, and invites feedback from stakeholders.

❖ **Reinforcing the culture of excellence**

The management is committed to excellence right from top to bottom. The management has members having excellent academic and professional background. The faculty selection is done on the basis of their merit. The selected faculty and the students are encouraged and motivated to pursue excellence.

❖ **Champion organizational change**

The management of DSPM believes in transparency and democratic values and motivates to develop a leadership at all levels. The college is run with collective leadership. The LMC and GC hold meetings with regular intervals to discuss the prevailing issues and plausible future issues.

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 DSPM has a three tiers organizational structure for policy framing and its successful implementation. By seeking proper feedback from the stakeholders and with elaborate discussion in the governing council, the policy decisions are taken. For its successful implementation, the committee structure is followed at college level. The various committees, in consultation with the principal draw operational plans, procedures and programmes to be implemented. The principal and the IQAC consistently monitor the progress. In certain cases, even the governing council members also assess the progress and impact.

6.1.5 Give details of the academic leadership provided to the faculty by the top management?

The president of DSPM, Hon. Mr. Vasantrao alias Balasaheb Pitre is one of the noted industrialists and philanthropist having very rich experience working with MNCs. The vice-president, Hon. Sadanandji M. Bhagwat, is a mechanical engineer by qualification. He has 10 years of experience in India and 5 years in USA in Nuclear and IT field. For last 13 years, he is a voluntary social worker. The secretary of GC, is a retired teacher of Accountancy. The members are highly qualified and successful in their walks of lives. The management is keen for the academic progress of the faculty members. The faculty are always encouraged to participate in seminars, conferences, workshops and to organize the same. The research

taken up by the faculty at various levels in the recent past is a visible result of this well directed academic leadership. The faculty are also motivated to organize programs which will enable the students to develop their personalities and make the career. This has been appreciated by the Academic Audit Committee formed by the Mumbai University and the same has been reflected in the report. The suggestions of the Academic Audit are considered by the management.

6.1.6 How does the college groom leadership at various levels?

The management believes in collective and multi-level leadership. The different committees of the college are represented and headed by the college faculty. The allocation of the committees is always based on the principle of group dynamics for the smooth and cordial functioning. The faculty enjoy full freedom in organization and implementation of programs which is an essence of leadership development. Moreover, most of the committees and subject associations are duly represented by the students also. The students are given opportunities and their caliber is positively challenged to play a pivotal role in organization of programs to learn and exhibit their leadership abilities. The NSS, Lifelong Learning and Extension, WDC, Students' Council are some of the examples that encourage the development of student leadership.

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 total working of the college is decentralized and distributed in various committees. The principal, under the aegis of governing council, is responsible for policy decisions. Academic/ departmental heads are responsible for the implementation of those policies. The delegation of authority commensurate with the responsibility assigned. All the academic and co-curricular committee heads enjoy operational freedom.

The vice principal is assigned routine administrative work and is supported by office superintendent. All the heads of the departments are always in touch with the vice principal for smooth conduct. The IQAC plays a role of coordination.

6.1.8 Does the college promote a culture of participative management? If 'yes', indicate the levels of participative management.

The organizational structure of the college itself ensures participative management. The faculty and non-teaching staff have due representation in LMC and can share their ideas and thoughts for policy framing. The regular meetings of principal and IQAC ensure that all the sections of the college duly participate in the floor level management of activities and programmes. The functioning of these committees is run in such way that the freedom of expression and the freedom to agree or disagree are encouraged.

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?

Since the college has been established for spread of quality education in the Sangmeshwar Tehsil, its driving force is obviously quality and its enhancement. In consistent with the mission statement of the college and the guidelines given by NAAC, the institution frames policies, programmes and the administration chalks out detailed procedures to achieve the objectives which can be formally stated as strategy of the organization for quality.

Design of the quality policy is done in bottom-up or top down manner based on the issues involved.

- **Bottom-up:**

Members of IQAC take feedback from students, parents, alumni and other staff members. They also make their own suggestions. All the issues with regard to academics, infrastructure, appointments, discipline, extracurricular activities, sports etc. are discussed thoroughly in the IQAC and recommendation are made to the LMC. LMC takes views on the suggestions and in turn gives recommendations to the governing council.

- **Top-down:**

There are certain issues which are deliberated directly in the governing council and resolutions are passed accordingly. Such resolutions are conveyed to the principal for their implementation.

- ❖ **Implementation of quality policy and plans:**

Implementation of quality policy and plans is equally important. Once the governing council passes a resolution, it allocates or commits to allocate funds as per time schedule needed for implementation. It also helps the principal to galvanize human resources or logistical support for proper and effective implementation of quality policies and plans. In governing council meeting, objective review is taken of the previous resolutions and their implementation sand modifications are done in modus operandi, if needed.

Once the policy is formulated, it is channelized through the IQAC to all the committee members (curricular, co-curricular and extra-curricular) and they are given full freedom to formulate procedures to carry out the activities and programmes.

A feedback from the stakeholders, continuous revision from the head of the departments and IQAC is sought. The Principal establishes a necessary control on the system and if any deviations thereof are corrected. Results obtained indicate the degree of success of the policy and considered for revision if required.

6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.

The college has a medium term perspective plan for development. The features of the plan can be stated as below:

- Post-graduation in commerce and science
- Value added courses for self-employment
- Campus placement drives
- Building college Industry network
- Central Interdisciplinary research centre
- Well-equipped sports complex with the view to establish sports academy
- Yoga Centre and Health Clinic
- IT enabled classrooms

6.2.3 Describe the internal organizational structure and decision making processes.

• **Bottom-up:**

Members of IQAC take feedback from students, parents, alumni and other faculty. They also make their own suggestions. All the issues with regard to academics, infrastructure, discipline, extracurricular activities, sports etc are discussed thoroughly in the IQAC and recommendation are made to LMC. LMC takes views on the suggestions and in turn gives recommendations to the governing council.

• **Top-down:**

There are certain issues which are deliberated directly in the governing council and resolutions are passed accordingly. Such resolutions are conveyed to the principal for their implementation.

6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following

❖ **Teaching and Learning**

For the quality improvement of teaching and learning process, the following strategies are adopted.

- Faculty is encouraged to attend orientation, refresher and short term training courses.
- Motivating the use of various interactive and participative methods of teaching viz. question and answers, seminars, group discussions etc.

- Use of ICT based teaching
- Feedback from students regarding teaching
- Deployment of remedial and bridge courses
- Personal patronage for academically weak students
- Encouraging use of departmental libraries and e-library

❖ **Research & Development**

- **Encouraging faculty to:**
 - ✓ Participate in seminars, conferences, workshops, symposia etc.
 - ✓ Identify research problems in line with the local needs
 - ✓ Undertake minor/major research projects and seek funding from various GOs and NGOs
 - ✓ Publish research work in National/International journals and conferences etcetera
- **Encouraging students to**
 - ✓ Participate / present research papers in seminars, conferences etc.
 - ✓ Participate in research presentation competitions at University and state levels.

❖ **Community Engagement**

- **NSS:**

Campaigns on thrust areas like soil and water conservation, conservation of sacred groves, save energy, save girl child, climate change, voter awareness etc.
- **WDC:**

Health and hygiene based activities, woman empowerment and gender sensitivity drives for girl students and women in the area.
- ***Nirantar Swachhata Abhiyaan:***

It is a cleanness campaign undertaken by the college in response to the Prime minister's appeal of clean India. Once in a month, preferably on Monday, the college students visit various parts of Devrukh and collect and clean the garbage. The natives also participate in the campaign.
- **ELT Workshop:**

Since 1998, every year the college organizes English Language Teaching Workshop in the memory of Late Principal R. V. Dixit for secondary school teachers of Sangameshwar Tehsil.

- **Plant Health Clinic:**

Training programmes on use and preparation of organic manures for farmers of the locality.

- **Pradhanmantri Surksha Bima Yojana:**

The college has taken lead for 100% *Bima Saksharata* in Sangameshwar Tehsil. As part of the campaign, all the eligible students of the college are insured under *Pradhanmantri Surksha Bima Yojana*. In the next phase, the whole Sangameshwar Tehsil will be insured with help of nationalized banks. Our students are working as *Bima Doot*.

- **Insurance policy Unorganized Sector**

Since last two years the college has taken initiative to insure the household and construction workers under the government insurance schemes for unorganized sector. During 2014-15 and 2015-16, **89** workers have been insured with the help of Labour office Ratnagiri.

❖ **Human resource management**

- Generation of human resources as per requirement 12 new teachers and 07 non-teaching staff appointed in last five years.
- Optimum utilization of human resources
- Well defined duty allocation for office and support staff
- Appreciation and felicitation for qualitative and innovative work
- Full freedom for implementation of programmes
- Allowing group dynamics
- Management by objectives and management by exception
- Students' involvement in decision making
- Need based training programmes

❖ **Industry Interaction**

- Providing reference list of meritorious, qualified students to nearby industries for placements
- Research on aspects related to industries
- Regular industrial visits/ study visits

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?

- **Bottom-up- approach:**

The GC and LMC are the two bodies where the Principal represents the college and shares the necessary information with the top management. Regular parent meetings, personal contact with students and teachers are the sources for the principal to get adequate, realistic and necessary information.

- **Top-down approach:**

The governing council members keep the eyes open to positive changes taking place in the educational and peripheral fields, with the use of IT and interaction with other institutes. These are deliberated in Governing Council and used in policy making.

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 encourages the faculty to perform at their level best. Continuous interaction with staff, sharing of policy decisions through regular meetings, inviting suggestions, delegating authority, extending financial support, appreciating achievements, making available concession and facilities are some of the ways used by the management to increase the involvement of faculty to improve overall organizational efficiency.

6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.

Important Resolutions of the Governing Council and status of implementation

Sr. No.	Resolutions regarding following topics	Date of Meeting	Status of Implementation
1.	MSc Organic Chemistry MSc Renewable Energy MSc Biodiversity and Wildlife Conservation MSc by research Physics and Chemistry	10 th August, 2014	Proposal for MSc Renewable Energy submitted to affiliating University on 20/10/2014
2.	BA, BCom, MCom YCMOU, Nasik	14 th December, 2014	Permission received. Admissions started from A.Y. 2015-16
3.	System and Policy regarding fund generation and utilization by alumni association	8 th January, 2015	Process initiated
4.	Felicitation of the Principal and office superintendent for excellence in work		Felicitated on 11/01/2015
5.	Safety and Security arrangements in the campus	8 th March, 2015	In process
6.	Establishment of Research Centre to pursue PhD in English	14 th June, 2015	In process
7.	Appointment of sports director		Appointed from A.Y. 2015-16
8.	Office Expansion	12 th July, 2015	Process initiated
9.	Setting up of Digital Library and Institutional Repository		Established in 2015-16

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?

Yes. The affiliating University has a provision for offering autonomous status to the constituent colleges. As on today, most of the colleges affiliated to Mumbai University are not in the periphery of autonomous status.

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 college has a well set mechanism to address grievances of the staff and the students. Discipline committee has many notes namely maintaining discipline, redressing grievances and anti-ragging functions. The Women Development Cell addresses specific grievances of girl students.

For the teaching and non-teaching staff there is no grievances redressal cell. The Principal personally looks into the matter and sorts out the problems if any. He takes the help of governing council /president if needed.

6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?

No, there is no court case.

6.2.11 Does the Institution have a mechanism for analysing student feedback on institutional performance? If ‘yes’, what was the outcome and response of the institution to such an effort?

Yes. The college has a feedback mechanism. The students’ feedback for faculty is taken digitally for every semester and the analysis is discussed with the concerned teachers by the Principal.

A suggestion cum communication box (*Hitguj*) is kept in the ladies room where girl students can suggest, share, complaint about the matters for which they seek solution from the teachers. A suggestion box is kept in the porch where students can drop their suggestions regarding their expectations about the regular matters related to them. Moreover, as a security measure, the police station has installed a separate complaint box for their feedback.

The institution performs innovative method in this regard. The vice president of DSPM delivers lectures in every class regarding the history of the institution, values followed, future plan and the mutual expectations to implement the plans. This has resulted in phenomenal improvement in terms of values, discipline, results and has created amiable and responsible atmosphere in the college.

The IQAC of the college consists of student representatives and they are free to share their opinions, suggestions in the meetings.

The students’ council, WDC, NSS are the students’ forum where the student representatives give informal feedback regarding the college ambience and the necessary steps are taken according to their suggestions.

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 non-teaching staff?

- ❖ Faculty are encouraged
 - to participate in Orientation and Refresher courses by sanctioning them the required duty leave
 - to undertake minor/major research projects with funding from various funding agencies
 - to register for PhD
 - to attend conferences/seminars and to present their research work
 - to arrange and attend need based training programs
- ❖ Necessary facilities are made available to the faculty such as research journals, e-material etc
- ❖ Financial assistance is given for purchasing research grade equipment
- ❖ Mr. Rahalkar, one of the noted authorities in software development is associated with us for a long time to train the administrative 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?

- ❖ **Workshop on ‘Preparing Research Proposal’:**

A workshop on preparing research proposal was arranged by the college. As a result more than 20 research projects were completed.
- ❖ **Workshop on INFLIBNET:**

Faculty have been acquainted with the use of INFLIBNET to enrich themselves.
- ❖ **Adoption of Free and Open Source Software (FOSS):**

Faculty members have been motivated for adopting the high quality Debian-Edu Linux operating system. Training of the faculty was conducted by Computer Science and Physics departments regarding the use of the new platform.
- ❖ **Deputing faculty to short term/summer training courses:**

Willing faculty are deputed to summer and short term courses considering their interest and area of specialization to the institutions of national repute like IUAC, New Delhi, IIRS, Dehradun, IISc, Bangalore etc. Faculty are also sent for the courses useful for their academic update.

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.

As per the UGC/university norms, every year the performance appraisal of every faculty is done. A duly constructed form covering wide range of activities and achievements is made available to the faculty. The IQAC assesses the forms and the supporting necessary documents. The report, duly signed by the principal is given to concerned faculty and is used for CAS.

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?

The API report is an indicator of faculty's academic and co-curricular performance. The management uses these reports for placement/promotion purpose. The deserving faculty have been promoted through official procedures of the affiliating university.

Achievements of the staff are reported in the GC meeting.

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 newly appointed faculty are provided with the advances against salary till they get regular salary from government
- The staff is also supported for acquiring loans from external agencies. (70%)
- The staff members are encouraged to use the sports facilities available in the campus (100%)
- Medical check-up of the staff along with the students in the health check-up camp of WDC
- Programmes for the staff fitness are organized under the guidance of Sports Director
- Computers and internet facility is available for the staff all the time.

6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?

Highly ethical management, transparent recruitment policy, merit based selection, no snooping by the management, no political influences, good academic ambience, supportive human resource development policy, adequate facilities for research and professional development are some of the features which attract and retain the eminent faculty.

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 uses budgetary control to allocate the funds demanded by every department. The allocation is need based and monitored by the office and the principal. Annual financial audit is a compulsory practice which ensures just allocation and expenditure of funds.

All the construction activities are done departmentally, by virtue of which the institution saves lot of financial resources and builds more assets with available funds.

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 objections? Provide the details on compliance.

The institute has appointed M/s R.B. Bhagwat & Co. Chartered Accountant, Kolhapur as an internal auditor and the audit is done annually. The last audit was conducted in April 2015 and no objection was raised.

The external audit is done by Joint Director, Higher Education, Auditor General of the Government of Maharashtra. In the last audit no objection was raised. Grant assessment from Joint Director is at place up to financial year 2014.

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.

The major sources of institutional receipts are salary grants from the state government and the scheme based grants from UGC. Deficit if any found is compensated through the corpus. Amount of corpus available as on today is about **Rs. 7,01,000/-** The institution is also entitled to utilize fees (excluding tuition fees) as per rules for meeting routine expenses.

Audited receipt and payment statements for the last four years are attached in annexure I.

6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).

The institution raises additional funds in following 3 ways:

- Through various UGC schemes
- Through grants for research projects from funding agencies
- Generous donors

For various projects related to development of the college infrastructure (welfare of students), lot of funds are needed. They are generated by the institution. The institution shoulders responsibility to finance the projects funded by the UGC when costs go above the sanctioned funds. The funds directly come to the accounts held by the DSPM. The projects are completed under the supervision of the institution.

Here are some of the major examples:

- College Library – Rs. 38 lac
- Science building – Rs. 16 lac
- Outdoor sports facility – Rs. 1 lac
- Women’s hostel – Rs. 3.5lac
- Welfare of students – Rs. 1 lac
- Indoor sports facility – Rs. 25 lac

Grants received from UGC during XI plan period

Scheme	Amount in Rs.
Career and Counseling Cell	2,20,000/-
Coaching for Entry in Services to SC/ST/ OBCs	7,00,000/-
College in Backward Area	3,00,000/-
Colleges with higher proportion to SC/ST/ OBCs	1,20,000/-
Equal Opportunity Centre	1,65,000/-
Network Resource Centre	3,10,000/-
Remedial Coaching Classes	7,00,000/-
Special Enhancement grant for initiative capacity	3,25,000/-
College Development Grant (XI th plan)	13,00,000/-
UGC Grant for Women Hostel	40,00,000/-
Additional Assistance from for Colleges under 12(B)	24,00,000/-
Colleges located in Rural Remote areas	2,00,000/-
Total Rs.	1,07,40,000/-

Building Grants (UGC XIth plan)

Scheme	Amount in Rs.
Gymkhana Building	9,00,000/-
Seminar Hall	6,50,000/-
English Language Lab	3,75,000/-
Outdoor Sports Complex	40,00,000/-
Indoor Sports Complex	70,00,000/-
Sports Equipment	5,00,000/-
Total	2,41,65,000/-

6.5 Internal Quality Assurance System (IQAS)

6.5.1 Has the institution established an Internal Quality Assurance Cell (IQAC)? If ‘yes’, what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?

Yes. The college has established an Internal Quality Assurance Cell (IQAC) that is directing and monitoring mechanism for the college activities to achieve predetermined objectives and goals. The policy of the college regarding quality consists of the following features:

- To establish better vertical and horizontal communication and coordination among the staff members
- To prepare an academic calendar to carry out activities
- To keep utmost transparency in all financial and non-financial activities
- To function through committee structure and promote group dynamics for speedy and quality work
- To develop research culture among teachers and students
- To foment inter departmental and inter disciplinary activities
- To use of modern aids and ICT based teaching

As a result of this policy, better coordination and speedy, qualitative and innovative work at all levels has become possible. The increasing number of faculty contribution in research is an indicator of the success of the policy. Faculty are becoming increasingly familiar with ICT based teaching. Students’ participation in research has also increased. Study tours, community work and other activities are conducted with an interdisciplinary approach. Remedial coaching, bridge courses and extra lectures have contributed positively to increase the overall result of the college.

a. How many decisions of the IQAC have been approved by the management/authorities for implementation and how many of them were actually implemented?

The IQAC consists of faculty, administrative representative, management members, students and experts from outside. All the decisions and suggestions of IQAC are taken with broad consensus. Most of the suggestions have been accepted and implemented by the management.

b. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.

The external members of IQAC are the dignitaries and the college is fortunate enough to have their contribution in the development process.

Implementation of UGC schemes, establishment of Academy for competitive exams, establishment of film club, starting of employment oriented courses is the outcome of suggestions made by these peers.

c. How do students and alumni contribute to the effective functioning of the IQAC?

The students' representatives give feedback regarding the requirements. It gives proper idea to IQAC regarding the ambience of the college and can be used for further planning. The alumni on IQAC take feedback and suggestions from the other alumni and keep the IQAC informed about them. The IQAC considers these suggestions at the time of decision making.

d. How does the IQAC communicate and engage staff from different constituents of the institution?

The IQAC keeps contact with all faculty regularly, so their opinions and suggestions in the form of feedback can easily be obtained. The IQAC sees that the academic calendar is prepared to involve the faculty and students in disciplined implementation of programmes by respective committees / departments. The other ways that the IQAC uses to keep activities on track are teachers' diary, departmental meetings, and notices. Review of activities is taken and reported accordingly to the principal.

6.5.2 Does the institution have an integrated frame work for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalization.

In the capacity of a monitoring body, the IQAC effectively coordinates the administrative, academic and co/extra-curricular activities for smooth functioning and fulfilment of predetermined academic objectives.

The functioning of IQAC is transparent and democratic. It takes decisions considering the feedback of the stakeholders and communicates them well in advance to all concerned authorities for better implementation. Its regular monitoring on progress helps to avoid/ or correct deviations if any.

For the evaluation of academic and co-curricular performance of the faculty, API is used as a bench mark for a long time even before it was made mandatory. With weekly inspection, the teachers' diaries keep the activities on track. Departmental, committee and staff meetings with the principal are the forums to share opinions and bring about solutions. In this way the academics are integrated with administration to ensure quality.

6.5.3 Does the institution provide training to its staff for effective implementation of Quality assurance procedures? If 'yes', give details enumerating its impact.

Need based training programmes are organized from time to time for faculty as well as administrative staff. For computerization of office, Mr. Rahalkar, one of the noted authorities in software development is associated with us a

long time to train administrative staff. At present computerization of examination and library has taken place under his guidance.

Workshops for research, use of INFLIBNET, use of Free and Open Source Software are some of the examples of need based trainings. As a result, many faculty have initiated research work at various level. Office administration is fully computerized and effective. Perhaps, this could be the only college in district where the faculty have adopted the Free and Open Source Software Technology.

The faculty are sent to workshops and seminar on regular basis for enrichment of their knowledge.

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?

As per the affiliating university guidelines, Academic Audit of the college took place in March 2015 by a team appointed by the University of Mumbai. The peers have suggested increase in outreach programmes, digital class rooms, employment oriented courses and MOU’s with other educational institutes etc. The college is keen to implement these suggestions.

6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?

The IQAC itself is the internal quality assurance mechanism. Suggestions given by the peer team in the last accreditation have been the basis in directing the activities during the last five years. The objectives and functioning of IQAC to ensure quality is aligned with the core values given by the NAAC. All activities are conducted in the light of these core values.

The suggestions given by the university authorities during different mandatory visits, academic audit report and those by the external peers are duly considered for quality achievements.

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 college has established a well set mechanism for continuous revision of teaching learning process. It includes:

- Departmental meetings at regular intervals to discuss the performance
- Semester end meeting with the principal to discuss examination results
- Teacher’s diary is mandatory wherein the record of semester wise teaching plans, report of daily teaching activity, departmental and committee work and extra activities is kept by the faculty
- Weekly authentication of these dairies by the vice principal

- Semester wise feedback from students on teaching
- Syllabus completion report is essential at the end of every semester and it is verified by the principal
- The performance of weak students is shared with the parents in the parents meetings
- Attendance of the students is monitored

6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?

The Governing council is an apex body to take policy decisions which are always based on the feedback given by LMC, the principal and other stakeholders. These policy decisions are communicated by the principal and the IQAC in the staff meetings. The concerned information is also communicated in parents' and alumni meetings. The website, prospectus of the college, annual publication *Aakanksha* and occasional meetings by the management authorities are the vehicles through which the policy decisions are communicated to internal and external stakeholders.

Other relevant information

Quality enhancement measures during the assessment period

- ❖ DSPM works on holy principle of 'Nation is God and service to the Nation is Worship' and has zero tolerance for corruption
- ❖ The institute celebrates foundation day among the donors and well-wishers. Felicitations each year to imbibe nationalists and social values in students, staff and members as well, by remembering the efforts and renouncement made by founders of the institution to secure future of future generation
- ❖ The institution is determined to walk an extra mile for the progress of all the stakeholders
- ❖ The members of the institution lead by example
- ❖ All the developmental activities are done departmentally. This has saved a lot of resources and has built more assets with the available resources. This has created confidence and trust among the donors and well-wishers
- ❖ The head of the institution interacts directly with each class which brings harmony and sense of responsibility in students and the staff

7.1 Environment Consciousness

7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?

The college is gifted with 9 acres of campus with bounty of nature; the total built up area is about 2974.79 Sq. meters. Formal Green Audit is not conducted but, the college has undertaken various programmes to preserve the nature and create environmental consciousness among the students. Tree Plantation, Soil and Water Conservation, rain water harvesting, *Nirantar Swachhata Abhiyaan*, Preparation of manure from bio-waste, Carbon Sequestration of sacred groves and its conservation are some of the activities which are carried out in the campus and off the campus. The grown trees within the campus have been titled with their botanical names and carbon credit of each tree has been estimated with the help of students.

7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?

❖ **Energy conservation:**

The traditional tubes and bulbs are being replaced with CFLs, supporting instruments have been installed for natural ventilation, continuous awareness among the students for energy conservation.

❖ **Use of renewable energy:**

Physics department has conducted an energy audit of the college and a proposal for installation of solar panels has been submitted to the GC.

The college has submitted a proposal to the affiliating university for the M.Sc. Renewable energy programme which has been forwarded with positive recommendation to the Govt. of Maharashtra by the university.

❖ **Water Harvesting:**

The college has dug a pit for rainwater harvesting.

❖ **Dam Construction:**

The NSS unit of the college has constructed *Vanarai Bandharas* on nearby rivers and *Nalas*. Every year, at least four bunds are constructed with eco-friendly material.

❖ **Efforts for Carbon neutrality and Plantation:**

For carbon neutrality, tree plantation is done by the NSS and Botany department on the available space within the campus.

The college follows a practice to segregate degradable and non-degradable waste in the campus. Compost manure is prepared out of bio-waste material available in the campus instead of burning it. Further, the non-degradable waste is taken care of by the *Nagarpanchayat*.

❖ **Climate Ambassador program:**

Students along with teachers visit nearby schools to suggest and implement different projects related to climate change issues. 'Srushtidnyan', a local NGO and 'Kortoff Gymnasium', a college located at Sweden are the partners in this activity. Local school and college students are made aware of the consequences of climate change and the need for environment protection through this activity.

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 college has deputed selected students and faculty to work as Climate Ambassadors. In the nearby schools, awareness about climate change, environment consciousness, eco-friendly appliances etc. have been created and related issues are addressed jointly.
- ❖ Special efforts for insurance coverage to 100% students under PMSBY with a coverage of **Rs. 2,00,000/-** for accident and disability.
- ❖ Online certificate courses on Remote Sensing, GPS and GNSS affiliated to IIRS Dehradun, through video conferencing using Edusat technology
- ❖ Development of research ambience
- ❖ Off lectures or free time of students is used to boost the reading culture / Screening of documentaries
- ❖ Motivation and support to UG students to participate in National and International seminars and conferences
- ❖ Twenty Three UG students visit seventeen neighbouring schools to teach mathematics and science to the students twice in a week.
- ❖ The college has established Girish Karnad Film Club with following objectives:
 - To expose the students to Indian and international cinema to acquaint them with the qualitative aspects of visual art.
 - To deepen their insight, broaden views and enrich the knowledge through the visual art.
 - To screen qualitative and representative movies on various aspects of human life.
 - To screen films/documentaries on various issues. It is run for the students only and has 130 members now.
- ❖ Adoption of Free and Open Source Software:

7.3 Best Practices

- 7.3.1 Elaborate on any two best practices in the given format at page no. 98, which have contributed to the achievement of the institutional objectives and/or contributed to the quality improvement of the core activities of the college.

Best Practice - 1

Title:- ‘Reach Out to Enrich’

❖ **The Goal/ Objectives:**

Vision of the college is to provide higher education and variety of skills to the youth of Sangameshwar tehsil. The mission of the college ensures community development by imparting the higher education to the youth and inculcating sense of civic responsibility.

This practice reflects the essence of vision and mission as drafted by the founding fathers of Devrukh Shikshan Prasarak Mandal which runs this college.

A multidimensional approach is adopted through the involvement of all stake holders namely management, faculty, students and alumni in a range of community and outreach programmes.

Planning every activity with the view to educating, transforming and empowering the community of Sangameshwar tehsil is the focus of this practice.

❖ **The Context:**

Sangameshwar tehsil is a hilly region on western slopes of Sahyadri ranges. This region is sparsely populated. The unfriendly terrain of the region had kept many of its inhabitants away from social progress, exposure and prosperity. Farming is the basic occupation of this region. The Gross Enrollment Ratio (GER) of the region is barely seven.

❖ **The Practice:**

Through the practice of ‘Reach Out to Enrich’, college focuses on several activities which contribute to the overall development of Sangameshwar tehsil.

The contribution of stakeholders is noteworthy:

- **Management:**

Devrukh Shikshan Prasarak Mandal is committed to meeting educational, social and cultural needs of this area and to create an atmosphere of equal opportunity to all.

Many of the members have fulfilled this commitment through their philanthropic and generous contribution.

- ✓ To preserve unique and antique paintings, and to develop a sense of appreciation for art, Laxmibai Pitre *Kalasangrahalaya* has been built. Legendary personalities like Maharashtra Bhushan Babasaheb Purandare, actor and director Amol Palekar inaugurated this art gallery.
- ✓ The management has raised funds through its donors to construct an exclusive wing of the library. The library is available to general public for usage.
- ✓ In the year 2010-11, BSc Programme was introduced. To accommodate students and laboratories a separate infrastructure has been created by the management.
- ✓ For the initial three years, 100% subsidy in fees for the students of BSc stream was given.
- ✓ A provision of Rs 1,00,000/- has been made for economically weak students of all streams to bear their fees.
- ✓ Modak Academy is a study center especially developed for the students appearing for competitive examinations in the campus and off the campus.
- ✓ The college has initiated facility of PG courses of YCMOU to off stream learners in Sangameshwar tehsil.

• **Faculty and students:**

Faculty and students plan all the activities keeping in mind the fulfillment of the vision of creating a '*Saksham Sangameshwar tehsil*'.

- ✓ **Metamorphosis:**
Organization of one day workshop on 'Metamorphosis' in the august presence of the then Vice Chancellor of the affiliating University for carrier guidance.
- ✓ **Training programs on Organic Manure:**
Organization of workshop to prepare organic manure for farmers in Sangameshwar tehsil.
- ✓ **Plant Health Clinic:**
It is a facility provided to the farmers regarding the diseases, pastes, nutrient management of crop plants.
- ✓ **Social surveys:**
Social surveys on wage inequality, domestic violence, health and hygiene, female foeticide etc. have been conducted.

- ✓ **Climate Ambassador:**
Students working as climate ambassador initiate awareness programmes of climate change and global warming in the schools in the remote areas.
- ✓ **Estimation of Carbon sequestration and Conservation of sacred groves:**
Carbon sequestration of nearby sacred groves is carried out. Awareness programs regarding its conservation are arranged.
- ✓ **Students as teachers:**
Students of science faculty are deputed to visit seventeen schools in the nearby villages twice a week to teach Mathematics and Science.
- ✓ **Bima Doot:**
All the students of the college and their parents have been insured under PMBSY scheme.
- ✓ **Insurance coverage for unorganized sector:**
Household and construction workers are insured under State Government Insurance Scheme.
- ✓ **Nirantar Swachaata Abhiyan:**
College has initiated drive for clean Devrukh. Once in a month all the college students participate in rally cum cleanliness drive in different parts of town.
- ✓ **Voter awareness campaign:**
Every year the N.S.S. volunteers of the college organize programmes such as street play, rally for voter awareness.
- ✓ **Water Conservation Program:**
The N.S.S. volunteers of the college construct *vanrai bandharas* for water conservation and also participate in rallies for awareness about rain water harvesting.
- ✓ **Saptlingi Bachao (Save Saptlingi River):**
Saptlingi bachao is a clean river program to save *Saptlingi* river with community participation.
- ✓ **Road safety awareness:**
Lectures, rallies, street play and competitions are arranged for creating awareness about road safety.
- ✓ **Programmes for senior citizens:**
Workshop for senior citizens was organized on government schemes and benefits related to them.
- ✓ **Blood donation:**
The college works for blood donation drive either through organization of camp or motivating the students to do it. The college organized blood donation camp in August 2015 and collected 107 bottles.

- ✓ *Police Mitra Yojana:*
Students assist the police as *Police Mitra* for maintaining order and discipline during festivals like *Ganeshotsav*, *Makarsankranti*, *Mahashivratri* etc.
- ✓ Promotion of ecofriendly Ganesh festival:
Workshop is arranged for preparing Ganpati idols from soil, instead of plaster of paris. Students are also encouraged for collection of floral waste (*nirmalya*) and preparation of compost from it.
- ✓ Repairing of roads:
Roads to graveyard at Kolhewadi and Parshuram wadi have been repaired by the N.S.S. volunteers.
- ✓ Disaster management programme:
Disaster management program is arranged for the students in which training is given about rock climbing, rafting, preventive and curative measures for snake bite etc.

- **Alumni:**

Alumni have generously donated to the establishment of school, library, laboratories, art gallery which have promoted development of this small region. Alumni enthusiastically participate in organization of programmes.

❖ **Evidence of Success:**

- **Management:**
- ✓ Since last five years college has bagged number of prizes at zonal, University and National level in fine arts. This has been due to a sense of appreciation of art and aesthetics resulting from the existence of art culture and facilities provided. The art gallery is a place of attraction for the tourists.
- ✓ The expansion of library in both qualitative and quantitative measures has led to enhancement of research culture and the reading habits.
- ✓ The starting of degree programme in science have proved to be as special boon for the students in this tehsil or else the students would have to either travel a distance of 50 km to the nearest science college or opt for another stream. The success is visible from the growing student strength every year.
- ✓ Many students and outside learners are exposed to the career options in civil and public services.
- ✓ More than 50 students have been enrolled for degree and post-graduation programmes of YCMOU which is facility for potential drop out and off stream learners in Sangameshwar tehsil.

- ✓ Due to the involvement of students in various community activities and their interaction with industry, many students get successfully placed after passing out from the college.
- ✓ As a result of fee subsidy given to the Science students economically weaker students are benefited. Otherwise they could have been left out of education or opted for other stream.
- ✓ The economically weak students of all streams are benefitted and at least can manage their expenditure of education due to the provision of Rs. 1,00,000.
- **Staff and students**
- ✓ Six colleges, with ten students each, from the Ratnagiri district participated in the Metamorphosis and duly benefited.
- ✓ The farmers have been benefitted by the workshop on use and preparation of organic manures.
- ✓ The farmers have learned Integrated Disease Management by Plant Health Clinic.
- ✓ Due to climate ambassador program awareness among the college students as well as school students is increased regarding climate change and environment protection.
- ✓ An important documentation of carbon sequestration of nearby sacred groves is done. Awareness rallies for its conservation have imbibed its significance on society.
- ✓ Social surveys on various burning issues depict the socio economic condition of the region and can be useful for policy making to government and non-government organizations.
- ✓ ‘Students as teacher’ is good contribution to the development of rural school students where the Science and Mathematics teachers are not available. It also inculcates a sense of social responsibility among college students.
- ✓ The students and their parents have been benefitted by the PMSBY scheme under *Bima Doot Yojana* and awareness is increased.
- ✓ Eighty nine unorganized workers have been covered under Government scheme for unorganized workers.
- ✓ *Nirantar Swachchhta Abhiyan* has created awareness among the citizen and increased their participation in the drive.
- ✓ The voter awareness drive has increased awareness among the citizens. As a result, high voting percentage has been recorded in recent elections.

- ✓ The water conservation program has increased the availability of water for the people.
- ✓ Rejuvenation of *Saptlingi* river is taking place due to *Saptlingi bachao* drive.
- ✓ Road safety drive has increased awareness among the students and community in general.
- ✓ Workshop for senior citizens has informed about government rules, regulations and schemes related to them.
- ✓ Blood donation camps help a lot to the needy patients.
- ✓ *Police Mitra Yojna* reduces the workload of Police and helps them to control crowd and traffic. It also develops sense of self-discipline and social responsibility. It helps to reduce the fear the minds of students of the police.
- ✓ Ecofriendly *Ganeshotsav* is directed to preserve natural water resources from pollution.
- ✓ Repairing of roads has made the life of villagers of Kolhewadi and Parshuramwadi comfortable.
- ✓ As a result of disaster management programs students are actively and voluntarily participating in such kind of activities and extending their help in emergencies to the needy.

❖ **Problems Encountered and Resources Required**

- Resource mobilization
- Mindset of the community
- Economic status in the community
- Time constraints

❖ **Resources required**

- More financial support
- Trained man power

Best Practice - 2

Title:- ‘Woman Empowerment and Gender Sensitivity’

❖ Goal/Objectives:

- To create gender sensitivity among the students
- Creating health awareness among the girl students
- Relations building
- Creating awareness among parents about girl education and health
- Training girl students with self-defense techniques
- Psychological counseling for teenage problems and choice of a partner

❖ The Context:

In spite of being a rural and hilly area more than sixty five percent of the students’ strength is shared by girl students. Most of these girl students belong to nearby villages and make up and down for college education. Being poverty dominated area and mal-nutrition is a common phenomenon. The physical weakness, hemoglobin deficiency and low weight are the common problems of our girl students.

The WDC has undertaken an awareness and action programme for these issues. Lectures, counselling regarding mental and physical health, diet, training of self-defense are the major programmes of WDC. It builds confidence among the girl students.

❖ The Practice:

Equality, freedom and right to contribute are the three fulcrums which drive the activities of WDC. In this light, following practices are exercised.

• **Promoting for Higher Education:**

Faculty members have been a valuable instrument in promoting girl students from the catchment area to the higher education. Through counselling at junior colleges, voluntarily organized lectures, personal contacts, parent meetings, counseling against early marriages, financial help, the college seeks to increase enrollment of the girl students.

A girls’ hostel facility has been provided by the college to boost the girl students to have comfortable access to higher education.

• **Counseling Lectures and programmes:**

Various lectures of women entrepreneurs, social activists, doctors, legal practitioners, dieticians, psychiatrists are regularly organized to widen the vision of students.

Plays on ‘*Mulagi Vachava*’ (Save Girl Child) were organized.

- **Yoga Training:**

Yoga is an ancient wisdom bestowed upon us and nowadays gaining much more importance for stress relief, strains management etc. It has been the best preventive measure for physical and mental problems. The WDC of the college occasionally organize short term yoga introduction workshops for the girl students. Meditation, yogasanas, diet etc. are the points that are focused.

- **Self-Defense Training:**

Women need to be protected from eve teasing, sexual harassment, domestic violence etc. and the best protection can be offered to them is to train them to defend. The WDC organizes self-defense training programmes. Students were acquainted with the martial arts techniques like Judo, Karate and Taekwondo etc.

- **Health Check-up camps:**

Most of the girl students belong to the socio economically backward class and their health and hygiene is a matter of prime concern for us. Being a rural and hilly area, access to the expert doctors is not easy and also unaffordable. We have witnessed that many girl students suffer from anemia which affects their academic and co-curricular performance. Gross ignorance and lack of awareness about woman's health is a social tendency everywhere.

The WDC is having a joint venture with the Pant Walawalkar Multi-speciality Charitable Hospital, Dervan. Regular camps for hemoglobin and general checking are organized and suffering students are treated at Dervan hospital free-of-cost. Treatment for minor problems is executed with help of local doctors associated with the college.

Cancer Awareness and Check-up Programme for the native women was organized and suspected cases were referred to the Dervan hospital. At the same time, women suffering from the gynecological problems were also referred.

- ❖ **Constraints or Limitations:**

Financial constraints, self-contented mentality of the students, gross unawareness about the changing dimensions of higher education are the constraints.

- ❖ **Evidence of Success:**

For two successive years, Government of Maharashtra has recognized WDC of the college by awarding the '*Jagar Janivaancha*', prize for work related to gender sensitization and woman empowerment.

- The college is successful in meeting with the problem of anemia due to low hemoglobin.
- Increased percentage of the girl students in the college is an outcome of the continuous efforts taken by the WDC.

Enrollment of students for last five years

Year	Boys	Girls	Total
2010-11	350	320	670
2011-12	348	324	672
2012-13	318	367	685
2013-14	317	390	707
2014-15	278	415	693

- Participation of girl students in various curricular and co-curricular activities has increased in last five years.

❖ Problems Encountered and Resources required:

- Orthodox approach of parents towards girl education.
- Lack of awareness among the parents about girls' education
- Early marriages and out migration
- Limited number of female faculty
- Financial Constraint for both institute and girl students
- Need for continuous financial assistance
- Need of an independent director for WDC

Contact Details:

Name of the Principal	-	Dr. Narendra P. Tendolkar
Mobile	-	09969266201
Name of the Institution	-	Nya. Tatyasaheb Athalye Arts, Ved. S.R. Sapre Commerce and Vid. Dadasaheb Pitre Science College, Devrukh
Address	-	Post Devrukh, Dist-Ratnagiri, Maharashtra
Pin Code	-	415 804
Accreditation Status	-	B (CGPA - 2.82)
Work Phone	-	02354 – 260 058
Website	-	www.aspcdevrukh.ac.in
E-mail	-	dspmaspoffice@gmail.com dspmaspiqac@gmail.com

Department of Chemistry

1. Name of the department : Chemistry
2. Year of Establishment : 2010-2011
3. Names of Programmes offered : B.Sc. Chemistry (Six Unit)
4. Names of Interdisciplinary courses and the departments/units involved : Nil
5. Annual/ semester/choice based credit system : Semester Credit Based Grading System
6. Participation of the department in the courses offered by other departments : Certificate Course in Fruit, Vegetable Processing and Marketing
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 : Assistant Professors
Sanctioned : 05
Filled : 04
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience
Dr.Sagar T. Sankpal	M.Sc. SET. Ph. D.	Assistant Professor	Organic Chemistry	UG 04 PG 06
Dr. Amit. S. Varale	M.Sc. B.Ed. M.Phil. Ph.D., GATE	Assistant Professor	Organic Chemistry	UG 03 PG 02
Dr.Hemant.V. Chavan	M.Sc. Ph.D. NET JRF, GATE	Assistant Professor	Organic Chemistry	UG 01 PG 02
Mr. M. S. Sudewar	M.Sc. NET, GATE	Assistant Professor	Organic Chemistry	---

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 : 10:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Laboratory Assistant : **01**
Laboratory Attendant : **03**
15. Qualifications of teaching faculty with Ph.D. **03**
DSc/ D.Litt/ Ph.D/ MPhil / PG
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

Ongoing Minor Research Project

Name of PI	Title of project	Funding agency	Grant Sanctioned Rs
Dr. S. T. Sankpal	Assessment of Bioaccumulation of heavy metals in some fish species of Ratnagiri Coast.	UGC	65,000/-

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Duration	Faculty	Project Title	Funding Agency	Grant in Rs.
2011-12	Dr. S. T. Sankpal	“Assessment of pollution of Ratnagiri Coast, Maharashtra, India”	Univ. of Mumbai	30,000
2013-14	Dr. S. T. Sankpal	Assessment of Bioaccumulation of heavy metals in some fish species of Ratnagiri Coast.	UGC	65,000
2013-14	Dr. A. S. Varale	Study of Thermodynamic parameters for oxidation of p-hydroxy benzoic acid hydrazide by Thallium(III) in Acidic medium –A kinetic and Mechanistic Approach	Univ. of Mumbai	25,000
Total				1,20,000/-

18. Research Centre /facility recognized by the University:

Submitted proposal for Interdisciplinary research center to *Brihad Bharatiya Samaj*, a Mumbai based NGO, worth Rs. 1 crore, which is sanctioned in principle by funding agency.

19. Publications: (Publications per faculty)

Name of faculty	:	Dr. S T Sankpal
Number of publications	:	15
International	:	13
National	:	02
Impact Factor (range)	:	1.4-3.76
Chapter in Books	:	04
Chief editor of book	:	Proceeding of National Conference on Renewable Energy and Environment (ISSN- 978-93-84663-07-7 Rut Pub Jalna)
Citation Index	:	10
h-Index	:	03

Name of faculty	:	Dr. A.S. Varale
Number of publications	:	19
International	:	08
National	:	11
Impact Factor (range)	:	0.2-3.358
Citation Index	:	13
h-Index	:	02

Name of faculty	:	Dr. H.V. Chavan
Number of publications	:	26
International	:	26
National	:	--
Impact Factor (range)	:	1.495-3.499
Citation Index	:	172
h-Index	:	07

20. Areas of consultancy and income generated : Nil

21. Faculty as members in a) National Committees b) International Committees c) Editorial Boards

Sr	Name	Member of professional body/editorial Board/ journal
1.	Dr. S T Sankpal	<ul style="list-style-type: none"> • Member of editorial board of International Journal of Agricultural Science
2.	Dr. A S Varale	<ul style="list-style-type: none"> • Life member of All India Council for Technical Education (AICTE), New Delhi. • Life member of Indian Science Congress Association (ISCA), New Delhi. • Fellow of Indian Chemical Society, Kolkatta. • Member of Editorial Board of Greener Journal of Physical Sciences (IF: 0.7799) • Member Editorial Board of Greener Journal of Chemical Science and Technology • Member Editorial Board of Greener Journal of Environmental Management and Public Safety • Worked as a Reviewer for JAC and for Greener Journals.
3.	Dr.H.V.Chavan	<p style="text-align: center;">Member of Editorial Board</p> <ul style="list-style-type: none"> • Cancer Research Journal ISSN: 2330-8214 (Online) • Modern Chemistry ISSN: 2329-180X (Online) <p style="text-align: center;">Reviewer of International Journals</p> <ul style="list-style-type: none"> • Science Journal of Chemistry ISSN: 2330-099X (Online) • Medicinal Chemistry Research (Springer) • Synlett (Thieme Chemistry) • Journal of Chemical Science and Technology (JCST) • Science Journal of Chemistry (Science PG)

22. Student projects

- a) Percentage of students who have done in-house projects including inter-departmental/programme.

Every year, students from our department participate in *Avishkar*- research competition organized by the University of Mumbai. Below is a summary of the participation:

Sr. No.	Year	Number of Students Participated in Avishkar	Number of Projects
1	2010-11	02	01
2	2011-12	04	01
3	2012-13	08	03
4	2013-14	08	03
5	2014-15	09	03

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies:

- All final year students participated in two national conferences on ‘Renewable Energy’ and ‘Conservation of Biodiversity for Sustainable Development’.
- In the academic year 2015-16, total **06** students underwent a training at Gadre Marine Pvt. Ltd. Ratnagiri.

23. Awards / Recognitions received by faculty and students:

- **Dr. S. T. Sankpal bagged gold medal of Shivaji University at M.Sc.**
- **Special Achievements in Research by Students:**
 - ✓ Consolation prize in State Level Research Paper Poster competition at Balwant College, Vita, Dist – Sangli.
 - ✓ One research project selected for university level *Avishkar* research convention.

24. List of eminent academicians / scientists visited to the department:

- Dr. M. B. Deshmukh, Head Department of Chemistry, Shivaji University Kolhapur
- Dr. M. B. Kamble, Head Department of Botany, Shivaji University Kolhapur
- Dr. R. M. Patil, Associate Professor, Institute of Science, Mumbai
- Prof. Praveen Saptarshi, Ex-Head, Dept. of Environmental Sciences, Pune University
- Dr. P. S. Alegaonkar, Scientist, DRDO, Pune
- Dr. B. P. Bandgar, Ex Vice Chancellor, Solapur University
- Prin. Dr. S. B. Dharap, Chairman, BOS in Chemistry, Mumbai University
- Dr. S. B. Sadale, Department of Technology, Shivaji University Kolhapur
- Dr. Navneet Kumar, Punjab University
- Dr. Sushant Punkar, Sagar University, MP

25. Seminars/ Conferences/Workshops organized & the source of funding

• **National Conference:**

UGC Sponsored (Rs. 1,50,000/-) Three Days National Conference on ‘Renewable Energy and Environment’ was organized during 25th – 27th September, 2014. In all 71 participants registered for the conference.

• **b) International Conference: Nil**

26. Student profile (2014-15):

Applications received	Selected	Enrolled		Pass percentage
		M	F	
56	56	28	28	68.75 %

27. Diversity of Students:

All students of the department belong to Maharashtra state.

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	Percentage of enrolled
UG to PG	45%
Employed Other than campus recruitment	50%

30. Details of Infrastructural facilities:

Departmental Library	:	Text books: 125, Reference books: 25
Internet facilities for Staff & Students	:	One computer with internet
Class rooms with ICT facility	:	Seminar Hall
Laboratories	:	02
General Laboratory	:	1095 sq ft
Instrumental Laboratory	:	500.25 sq. ft.
Research instruments	:	Visible Spectrophotometer, Electronic Digital Balance, Oven, Digital Photoelectric Colorimeter, Flame photometer, Monoquartz Distillation Unit, potentiometer, conductivity meter, PH meter, refrigerator, Water bath regulated with digital controller, Vacuum Pump, etc

- 31.** Number of students receiving financial assistance from college, university, government or other agencies:
60 students out of total enrollment of 151 receive financial assistance.
- 32.** Details on student enrichment programmes by external experts:
- Guest Lectures
 - ✓ Prof. Khare DBJ College Chiplun - Analytical Chemistry
 - ✓ Dr. M. B. Deshmukh Shivaji University, Kolhapur–Green Chemistry
 - ✓ Dr. P. P. Kulkarni Gogate Jogalekar College Ratnagiri – Organic Chemistry
 - Workshops on research methodology
 - National Conference Renewable Energy and Environment in Sept, 2014
 - **Industries/ Research institutes Visits**
 - Educational Visit to TIFR, ICT, Department of Chemistry Mumbai University. (2011)
 - Industrial visit to Auctel Products Pvt. Ltd. Ratnagiri MIDC area.(2012)
 - Industrial visit to Adler Medical Equipments Pvt. Ltd. Devrukh.(2012)
 - Educational Visit to Indian Institute of Science, Bangalore.(2013)
 - Industrial visit to Gadre Marine, Ratnagiri (2014).
 - Industrial visit to Whokardt Research centre, Aurangabad (2015)
- 33.** Teaching methods adopted to improve student learning
- Regular Lecture Method / Practical
 - ICT Lectures
 - Use of models
 - Use of charts
 - Seminars
 - Group discussions
 - Visit to Research Institutes
 - Industrial Visits
- 34.** Participation in Institutional Social Responsibility (ISR) and Extension activities:
- Students participated in Udaan festival of the university and got first prize in poster making competition on the theme ‘*Beti Bachao*’ (DLLE)
 - Street play on “Status of Woman in Society” in various villages (DLLE).

- Water Sample from wells of various parts of Devrukh was analyzed for NSS projects.
- Students and teacher participation in *Nirantar Swachhata Abhiyan*, tobacco free campus
- Participation in *Bima Doot Yojana*

35. SWOC analysis of the department and Future plans:

Strengths:

- Experienced and qualified staff -100% Ph.D. holders
- Equipped laboratory

Weaknesses:

- Less awareness about basic sciences among students
- Low scientific temperament

Opportunities:

- Industrial hub in Ratnagiri and Chiplun
- Creating nexus between department and industry

Challenges:

- To provide better exposure to the students
- Inculcating professional discipline among students

Future plans:

- Introducing M.Sc. Organic Chemistry
- Introducing M.Sc. Renewable Energy
- Research Centre for M.Sc.(Research) and Ph.D.
- Creating nexus between department and industry

Department of Physics

1. Name of the department : Physics
2. Year of Establishment : 2010-2011
3. Names of Programmes offered : B.Sc. Physics (Six Unit)
4. Names of Interdisciplinary courses and the departments/units involved : Nil
5. Annual/ semester/choice based credit system : Semester Credit Based Grading System
6. Participation of the department in the courses offered by other departments : F.Y.B.Sc. Paper – II from Computer Science dept.
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/Principal	01 (Principal)	01 (Principal)
Asst. Professors	04	03

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience
Prin.Dr. N.P. Tendolkar	M. Sc. Ph. D.	Principal	Material Science	UG 24
Dr. Mrs. Meera R. Kale	M. Sc. Ph. D.	Assistant Professor	Material Science	UG 10
Mr. U. B. Bhatye	M. Sc. NET	Assistant Professor	Theoretical Physics	UG 13
Mr. P. P. Jadhav	M. Sc. SET	Assistant Professor	Material Science	UG 02

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil
13. Student -Teacher Ratio : 36:1

14. Number of academic support staff : Laboratory Assistant : **01**
(technical) and administrative staff; Laboratory Attendant : **01**
sanctioned and filled
15. Qualifications of teaching faculty with PG & Ph.D. : **02**
DSc/ D.Litt/ Ph.D/ MPhil / PG PG & NET/ SET : **02**
16. Number of faculty with ongoing projects from a) National b)
International funding agencies and grants received:

Minor Research Project Proposals submitted to UGC and University

Sr. No	Name of Investigator	Funding agency	Title	Amount in Rs.
1.	Prin.Dr. N. P. Tendolkar	UGC	Formation Of Electrochemical Capacitor with Mn-Doped Zinc Oxide Thin Films Deposited by Electro Chemical Method	5.00 lac
2.	Dr. Meera R. Kale	UGC	Electrosynthesis of Nano-Crystalline Nickel Oxide Thin Films And Their Applications As Supercapacitros	5.00 lac
3.	Dr. Meera R. Kale	Univ. of Mumbai	Room Temperature Electrosynthesis Of Manganese Doped Zinc Oxide Thin Film	1.35 lac

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received

Duration	Faculty	Project Title	Funding agency	Grant in Rs.
2009-11	Prin. Dr. Tendolkar	Microwave and Ceramic Synthesis of BaTiO ₃ -SrTiO ₃ System	UGC	1.90 lac
2010-12	Dr. N. P. Tendolkar (Co-investigator)	Environmental Degradation and Environmental Conservation in Sangmeshwar Tehsil with special reference to Devrukh: A Geographical Perspective	UGC	1.05 lac
2011-12	Dr. Meera R. Kale	Minor research Project on Room temperature electro synthesis of Nickel Zinc Ferrite Thin Films”.	Univ. of Mumbai	40,000
2013-14	Prin. Dr. Tendolkar	Studies on Ni-doped Nanocrystalline Zinc Oxide Thin Films synthesized at room temperature by Electrodeposition”	Univ. of Mumbai	20,000
Total				3,55,000/-

18. Research Centre /facility recognized by the University:

- Submitted a proposal for Interdisciplinary research center to *Brihad Bharatiya Samaj*, a Mumbai based NGO, worth Rs. 1 crore, which is sanctioned in principle by funding agency.
- Dr. N. P. Tendolkar and Dr. Meera R. Kale recognized as Research guide for the award of M.Sc. degree by Research.

19. Publications: (Publications per faculty)

Sr No	Name	International	National	Total	Citation Index	Impact factor (range)	h-Index
1.	Dr. N. P. Tendolkar	05	04	09	---	0.8-3.0	---
2.	Dr. Mrs. M.R.Kale	14	08	22	154	0.8-3.0	06

20. Areas of consultancy and income generated:

Department provides consultancy on honorary basis in developing and upgrading IT facilities in all units of DSPM.

21. Faculty as members in a) National Committees b) International Committees c) Editorial Boards

Sr. No.	Name of the Faculty	Member of professional body/ editorial Board member of journal
1.	Dr. Narendra P. Tendolkar	<ul style="list-style-type: none"> • Member of Indian Association of Physics Teachers • Member of committees of affiliating university:- <ul style="list-style-type: none"> ✓ Perspective plan for the year 2016-2017 ✓ Examination ✓ Campus development Ratnagiri Centre ✓ Students Welfare ✓ Advisory NSS • Member of District Consumer Protection Forum
2.	Dr. Meera Rajesh Kale	<ul style="list-style-type: none"> • Associate Member of Institute of Physics, London. • Member of Editorial Board of International Journal of Engineering and Research.
3.	Mr. U. B. Bhatye	<ul style="list-style-type: none"> • Member of Indian Association of Physics Teachers.

22. Student projects

- a) Percentage of students who have done in-house projects including inter-departmental/programme:

Every year, students from the department participate in *Avishka*-research competition organized by the University of Mumbai.

- b) Participation of Students in Seminar/ Conference:

- In 2011-12 One student participated in National Conference on Astrophysics.
- All final year students participated in two national conferences on Renewable Energy and Conservation of Biodiversity for Sustainable Development.

23. Awards / Recognitions received by faculty and students:

Dr. N. P. Tendolkar

- Resource person /chairperson for five National/International conferences

Dr. M. R. Kale

- Nomination by UGC for ‘DAAD’ short-term fellowship of Germany, 2003.

24. List of eminent academicians / scientists visited to the department:

- Dr. P. S. Alegaonkar, Scientist, DRDO, Pune
- Dr. R. S. Hyam, Visiting Scientist South Korea
- Dr. S. B. Sadale, Department of Technology, Shivaji University Kolhapur.
- Dr. Navneet Kumar, Punjab University
- Dr. M. B. Deshmukh, Head Department of Chemistry, Shivaji University Kolhapur
- Dr. Sushant Punkar, Sagar University, MP.
- Dr. R. M. More, DBJ College, Chiplun

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National Conference

- UGC Sponsored Three Day National level Conference on ‘Renewable Energy and Environment’ was successfully organized during 25th – 27th September 2014 in collaboration with Chemistry Department.
- Total Grant Received from UGC: 1,50,000/-
- Total number of participants registered: **71**

b) International Conference: Nil

26. Student profile (2014-15):

Year/ Programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
F.Y.B.Sc.	56	56	28	28	57.15 %
S.Y.B.Sc.	43	43	22	21	90.20 %
T.Y.B.Sc.	10	10	05	05	40.00 %

*M = Male *F = Female

27. Diversity of Students:

All students of the department belong to Maharashtra state.

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	Percentage of enrolled
UG to PG	40%
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed	
Campus selection	
Other than campus recruitment	40 %
Entrepreneurship/Self-employment	10%

30. Details of Infrastructural facilities:

Departmental Library	:	Text: 100, Reference books: 100
Internet facilities for staff & students	:	One computer with internet
Class rooms with ICT facility	:	Common Seminar Hall
Laboratories	:	02
Research instruments	:	Muffle furnace, Programmable microwave furnace, magnetization-temperature, Hydraulic Press, measurement system C.R.O.s, Function Generators, LCRQ Meter, high precision electronic digital balance, Research Optical Bench, etc.

31. Number of students receiving financial assistance from college, university, government or other agencies:

60 students out of total enrollment of 151 receive financial assistance.

32. Details on student enrichment programmes:

- Organization of NPTEL lectures
- Virtual laboratory sessions through the portal of Amrita University
- Workshop on Basic knowledge of computer and Internet for students is organized every year
- Regular organization of lectures on ‘Recent trends in research in Physics’
- Workshop on Research methods and methodology to inculcate research culture.
- Arranged Science popularization Programme for Students of the college and nearby Schools

Industries/ Research institutes Visits

- Educational Visit to TIFR, ICT, Department of Physics Mumbai University. (2011)
- Arranged programme of Akashdarshan for Students and Society (2012)
- Educational Visit to Indian Institute of Science, Bangalore.(2013)
- Educational visit at Mahesh Electronics, Sadvali, MIDC (2014)
- Educational Visit to TIFR, Nehru Science Centre, Mumbai (2015)
- Educational Visit to Department of Physics Aurangabad University (2015)

33. Teaching methods adopted to improve student learning
- Remedial Coaching
 - Bridge Course
 - Guest Lectures
 - Blended learning
 - Group discussions and Seminars
 - Personnel Attention
 - Preparation of practical charts
 - Visit to Research Institutes
 - Industrial Visits
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
- The faculty of department is working in various co/extra-curricular departments in various capacities for WDC, NSS, *Mahila Takrar Nivaran Samitee* etc
 - Students and teacher participation in *Nirantar Swachhata Abhiyan*
 - Participation in *Bima Doot Yojana*
 - Students participated in *Udaan* festival of university and got first prize in poster competition on the theme '*Beti Bachao*'
35. SWOC analysis of the department and Future plans:
- **Strengths:-**
 - ✓ Highly qualified staff
 - ✓ Two faculty members as P. G. research guides
 - ✓ Departmental Library and well equipped laboratory
 - **Weakness:**
 - ✓ Student enrollment is not encouraging
 - ✓ Less awareness about basic sciences among students
 - **Opportunities:-**
 - ✓ To start value addition courses
 - ✓ Development of Research Centre
 - **Challenges :-**
 - ✓ Less scientific temperament
 - ✓ Less opportunity for direct employment immediately after graduation
 - **Future plans**
 - ✓ M.Sc. (By Research) of affiliating university
 - ✓ Professional course M.Sc. Renewable Energy
 - ✓ Value addition courses

Department of Botany

1. Name of the department : Botany
2. Year of Establishment : 2010-2011
3. Names of Programmes offered : B.Sc. (F.Y., S.Y.)
4. Names of Interdisciplinary courses and the departments/units involved : Environmental Studies
(F. Y. B. Com.)
Foundation Course
5. Annual/ semester/choice based credit system : Semester Credit Based Grading System
6. Participation of the department in the courses offered by other departments :
 - Certificate course in fruit processing
 - Certificate Course in Hotel Management and Tours travels
 - Diploma in Hotel Management and Tours travels
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	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience
Dr. Pratap V. Naikwade	M.Sc., Ph. D., B. Ed	Assistant Professor	Plant Physiology	05
Dr. Ranjit P. Bansode	M.Sc., Ph. D.	Assistant Professor	Cytogenetics and Plant Breeding	07

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil
13. Student -Teacher Ratio : 35:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Laboratory Assistant : **01**
Laboratory Attendant : **01**
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG Ph.D. **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

Name of the PI	Title of the project	Funding Agency	Grant Sanctioned (Rs)
Dr. P.V. Naikwade	Studies on effect of organic manures prepared from <i>Gliricidia</i> leaves on growth, yield and nutritional value of Fenugreek	Mumbai University	25,000/-
Dr. R.P. Bansode	To study the biodiversity of Pteridophytes in Ratnagiri district	Mumbai University	25,000/-
Grant Received Total			50,000/-

18. Research Centre /facility recognized by the University:

Submitted a proposal for Interdisciplinary research center to *Brihad Bharatiya Samaj*, a Mumbai based NGO, worth Rs. 1 crore, which is sanctioned in principle by funding agency

19. Publications: (Publications per faculty)

Sr No	Name	Papers in peer reviewed Journals and international databases	Chapter in Book	Book Edited	Books published	Citation Index	Impact factor (range)	h-Index
1	Dr. P. V. Naikwade	32	04	01	02	33	1.22-3.62	04
2	Dr. Ranjit P. Bansode	10	01	-	-	08	0-3.52	02
Total		39	05	01	02	26		

20. Areas of consultancy and income generated :

Use and preparation of organic manures, Plant Health Clinic, Estimation of Carbon Credit (honorary service)

21. Faculty as members in a) National Committees b) International Committees c) Editorial Boards:

Sr. No.	Name of the Faculty	Member in National committee/ International Committees/ Editorial Board
1.	Dr. Pratap V. Naikwade	<ul style="list-style-type: none"> • Fellow of Life Science Leaflets • Member of editorial board of more than 20 Journals • Member of editorial board of and 4 conference proceedings • Member of organizing committee of 2 International conferences
2.	Dr. Ranjit P. Bansode	<ul style="list-style-type: none"> • Member of editorial board of five International Journals • Member of editorial board of two Conference proceeding

22. Student projects:

- a) Percentage of students who have done in-house projects including inter departmental/programme:

Every year students from Botany department participated in Avishkar-Research competition organized by University of Mumbai. From subsequent last four years projects of botany department students got selected at zonal level of Mumbai University.

Sr. No.	Year	Students Participated in Avishkar	Number of Projects	Projects selected at Zonal level
1	2011-12	03	01	01
2	2012-13	09	03	01
3	2013-14	09	03	01
4	2014-15	12	04	01

- 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:

Awards / Recognitions received by faculty:

Dr. Pratap V. Naikwade

- ❖ Dr. Pratap V. Naikwade is rewarded with Young Scientist of the year 2014 Award by Confederation of Indian Universities, New Delhi and Scientific and Environmental Research Institute Kolkata
- ❖ He has been invited as visiting scientist by Auburn University, USA for the research on Sustainable Crop production.
- ❖ He has been invited as visiting scientist by Colorado State University, USA for post-doctoral work, for the research on Climate change.
- ❖ He has been invited for post-doctoral fellowship by Mauritius University, Mauritius for research on green manures / green pesticides.
- ❖ He has delivered Guest lectures as resource person at 05 National/International Conferences/Seminars

Awards / Recognitions received by students:

- Mr. Mangesh Tatkare and Miss Madhri Karande got first prize at State level research paper poster presentation competition.
- Miss Jyoti Patil represented Mumbai University in Avishkar Research Convention after getting first prize at Mumbai University level.

24. List of eminent academicians / scientists visited to the department:

- Dr. James Danoff- Burg, Ex Professor, Columbia University, USA
- Dr. Prof. Chris Mayres , Professor, Miami University, USA
- Dr. Raghvendra Rao, INSA Honorary Scientist, Bangalore
- Dr. T.C. Taranath, Professor, Dharwad University, Karnataka
- Dr. B.S. Ingole, Chief Scientist, CSIE, National Institute of Oceanography, Goa
- Dr. Srirang Kadrekar Former Vice Chancellor, B.S. Agricultural University, Dapoli
- Dr. S.R. Yadav, Professor, Botany Department, Shivaji University, Kolhapur
- Dr. Sushant Punekar, Sagar Univeristy, Madhya Pradesh
- Dr. P.G. Diwakar, Former Dy director, Botanical Survey of India, Pune
- Dr. Avinash Ade, Professor, Botany Department, Pune University
- Dr. S.S. Kamble, Professor, Botany Department, Shivaji University, Kolhapur

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National Conference:

- ❖ Three Days National level Conference on ‘Conservation of Natural Resources and Biodiversity for Sustainable Development’ was organized by the department during 4th – 6th December, 2014. UGC has sanctioned Rs. 1.40 lac for this conference. 143 participants from 16 states of the country participated in this conference.

b) International Programme:

- ❖ International Workshop on Higher education system in USA and India was organized on 6th December 2014 wherein **25** foreign participants participated.

26. Student profile (2014-15):

Class	Year	Applications received	Selected	students enrolled	
				M	F
F. Y. B.Sc.	2015-16	43	43	15	28
	2014-15	46	46	25	21
	2013-14	51	51	29	22
	2012-13	38	38	15	23
	2011-12	27	27	20	17
S. Y. B. Sc.	2015-16	28	28	11	17
	2014-15	23	23	11	12
	2013-14	13	13	04	09
	2012-13	14	14	06	08
	2011-12	10	10	03	07

27. Diversity of Students:

All students of the department belong to Maharashtra state.

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:

Nil

30. Details of Infrastructural facilities:

- Departmental Library : 65 books
- Internet facilities for Staff & Students : One computer with internet
- Class rooms with ICT facility : Common Seminar Hall
- Laboratories : 01
- Research instruments : Dissecting and compound microscope, Autoclaves, Colorimeter, pH meter, BOD incubator, refrigerator.

31. Number of students receiving financial assistance from college, university, government or other agencies:

60 students out of 151(for science stream).

- 32.** Details on student enrichment programmes by external experts:
- Special lecture on Forest Conservation, Ms Constance Coco BL, ISTOM, France
 - Special lecture on Career in Science (Botany) by Dr. Avinash Ade, Professor, Botany Department, Pune on December, 16, 2011
 - Special lecture on Biodiversity of Western Ghats by Dr. Srinath Kawade, department of Botany, ACS College Lanja on 15th February, 2012.
 - Special lecture on Integrated Pest Management of Rice crop by Dr. Shivaji Kamble, Professor, Botany Department, Kolhapur on Sept., 3, 2012
 - Workshop on Basic knowledge of computer and Internet for students is organized every year
 - Study Tours/Excursions are organized in every semester
- 33.** Teaching methods adopted to improve student learning
- Remedial Coaching
 - Botanical excursions
 - Seminar by students
 - Group Discussions
 - Home Assignments
 - Use of ICT in Lectures
 - Use of charts, specimens
- 34.** Participation in Institutional Social Responsibility (ISR) and Extension activities:
- Training program on use and preparation of organic manures for farmers every year
 - Plant Health Clinic: Counseling for farmers
 - Estimation of carbon sequestration of sacred groves and social awareness program for its conservation
 - Survey on traditional knowledge about medicinal uses of plants
 - Plantation of medicinal plants
 - Promotion of Environmental friendly festivals
 - Survey and Social awareness programme on conservation of forests

35. SWOC analysis of the department and Future plans:

- **Strengths:**
 - ✓ Well qualified and experienced 100 % Ph. D. staff
 - ✓ Environmental awareness programme for society
- **Weaknesses:**
 - ✓ Actual students' input from Sangameshwar Tehsil for science stream is very limited
 - ✓ Low scientific temperament
- **Opportunities:**
 - ✓ To initiate and establish T.Y. Botany (Six Unit) and P. G.
 - ✓ Research regarding biodiversity of Western Ghats
- **Challenges:**
 - ✓ To increase employability
 - ✓ Creating nexus between department and agricultural and food processing industries
- **Future plans**
 - ✓ Establishing full fledged UG and PG department
 - ✓ Increasing international/national collaborations for environmental research
 - ✓ Establishment of tissue culture laboratory

Department of Mathematics

1. Name of the department : Mathematics
2. Year of Establishment : 2010
3. Names of Programmes offered : Mathematics F.Y. & S.Y.B.Sc.
4. Names of Interdisciplinary courses and the departments/units involved : F.Y.B.Com. Maths and Stats
5. Annual/ semester/choice based credit system : Semester Credit Based Grading System
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 : Assistant Professors
Sanctioned : 02
Filled : 01
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
Mr.Math C. N.	M.Sc. SET	Assistant Professor	Mathematics	08

- Mr. C. N. Math perusing Ph. D. from Shivaji University, Kolhapur

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil
13. Student -Teacher Ratio : B.Com. - 131:1
B.Sc. – 43:1

14. Number of academic support staff : Not Applicable
(technical) and administrative staff;
sanctioned and filled
15. Qualifications of teaching faculty with PG & Perusing Ph.D - **01**
DSc/ D.Litt/ Ph.D/ MPhil / PG
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	Papers in peer-reviewed Journals	Chapter in Books	Impact factor (range)
1.	Mr. C. N. Math	01	01	1.23

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.
Nil
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 / scientists visited to the department:
Nil

25. Seminars/ Conferences/Workshops organized & the source of funding

Nil

26. Student profile (2014-15):

Year / Programme	Applications received	Selected	Enrolled		Pass percentage
			M	F	
F.Y.B.Sc.	23	23	09	14	73 %
S.Y.B.Sc.	09	09	04	05	100 %

27. Diversity of Students:

All students of the department belong to Maharashtra state.

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:

Nil

30. Details of Infrastructural facilities:

Library	:	Text books :101, Reference books: 35
Internet facilities for Staff & Students	:	Available
Class rooms with ICT facility	:	Common Seminar Hall

31. Number of students receiving financial assistance from college, university, government or other agencies:

60 students out of 151 (for science stream).

32. Details on student enrichment programmes by external experts:

Nil

33. Teaching methods adopted to improve student learning

- Problem Solving Seminar
- Home Assignments/tutorial
- ICT Lectures
- Group discussions
- Personal Attention
- Providing Exercises daily

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
- Mr. C. N. Math working as NSS Program officer from 2010-2015.
 - Students and teacher participation in *Nirantar Swachhata Abhiyan*.
 - Participation in *Bima Doot Yojana*
35. SWOC analysis of the department and Future plans:
- **Strengths:**
 - ✓ Well experienced and qualified faculty
 - ✓ Interdisciplinary application of the subject
 - **Weaknesses:**
 - ✓ One out of two posts is vacant
 - ✓ High student-teacher ratio for F.Y.B.Com.
 - **Opportunities:**
 - ✓ To start six unit B.Sc.
 - ✓ Preparing students for competitive exam of all streams
 - **Challenges:**
 - ✓ Improving aptitude of Mathematics
 - ✓ Developing research mind set
 - **Future plans:**
 - ✓ Establishment of full-fledged six unit department.
 - ✓ Initiating short term courses in applied Mathematics

Department of Computer Science

- 1 Name of the department : Computer science
- 2 Year of Establishment : 2005
- 3 Names of Programmes / Courses offered : B.Sc. Computer Science (Six Unit)
- 4 Names of Interdisciplinary courses and the departments/units involved :
 - Applied Component (TY physics)
- 5 Annual/ semester/choice based credit system : Semester Credit Based Grading System
- 6 Participation of the department in the courses offered by other departments :
 - Certificate Course in Fruit Processing and Marketing
 - Certificate Course in Hotel Management and tours travels
- 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	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.):

Name	Qualification	Designation	Experience
Miss.M.G.Joshi	MSc (CS)	Lecturer	02
Miss.A.V.Shinde	MSc (CS) MCA	Lecturer	03

11. List of senior visiting faculty :
 - Suresh Nalawade (DBJ College,Chiplun)
 - Amol Sahastrabuddhe,
 - Ketan Joglekar
 - Prashant Londhe (GJ College,Ratnagiri)
 - Ajinkya Naphade (RMP, Ambav)
 - Mr. U. B. Bhatye
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : 40%
13. Student -Teacher Ratio : 18:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Laboratory Assistant : **01**
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG : PG. 02+02 visiting
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:

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 %

23. Awards / Recognitions received by faculty and students:

Nil

24. List of eminent academicians / scientists visited to the department:

Nil

25. Seminars/ Conferences/Workshops organized & the source of funding:

Nil

26. Student profile (2014-15):

Year/ programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
F.Y.B.Sc.	05	05	02	03	100%
S.Y.B.Sc.	06	06	03	03	100%
T.Y.B.Sc.	10	10	04	06	60%

27. Diversity of Students:

All students of the department belong to Maharashtra state.

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	Percentage of enrolled
UG to PG	50%
Employed Other than campus recruitment	45%
Entrepreneurship/Self-employment	5%

30. Details of Infrastructural facilities:

- Internet facilities for : Available
Staff & Students
- Class rooms with ICT : Common Seminar Hall
facility
- Laboratories : 01 with 28 computers
- Licensed Softwares :
 - Microsoft Windows
 - Microsoft Office
 - MS SQL Server and Clients
 - Net beans 7.1
 - Oracle 10 g
 - visual studio 2008

31. Number of students receiving financial assistance from college, university, government or other agencies:

Nil

32. Details on student enrichment programmes by external experts:

- Prof. Tushar Dalvi -Data Communication & Networking
- Prof.Suresh Nalawade -Advanced Java & VC++
- Workshop on PC assembling

33. Teaching methods adopted to improve student learning

- Lecture
- Practical
- Seminar
- Question answering
- Group discussion
- ICT

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
- Training of basics in Computer given to socially backward students through Equal opportunities Center
 - To provide computers and internet facility to the teachers from nearby schools to fill the information regarding *Saral*.
 - Providing help to students for using internet & computer (Especially for those students who have not completed even basic computer course)
 - Students and teacher participation in *Nirantar Swachhata Abhiyan*,
 - Participation in *Bima Doot Yojana*
35. SWOC analysis of the department and Future plans:
- **Strengths:**
 - ✓ Professional Course
 - ✓ Well Equipped Laboratory with Internet facility
 - ✓ Support from management even in low enrollment
 - **Weaknesses:**
 - ✓ Lack of focus and motivation among students
 - ✓ Lack of regular and permanent staff
 - ✓ Economic condition of students
 - **Opportunities:**
 - ✓ Jobs in IT industry and Govt. Jobs
 - ✓ Scope for self-employment
 - ✓ Scope to students for Entrepreneurship
 - **Challenges:**
 - ✓ Getting sustained student enrollment in light of competition from courses like engineering, polytechnic etc
 - ✓ Making the students motivated and self-reliant as required for a professional course
 - **Future plans**
 - ✓ Skill based add on courses
 - ✓ Provide Placement through Campus Interview
 - ✓ To organize state level Competition on software skills

Department of Geography

1. Name of the department : Geography
2. Year of Establishment : 1989
3. Names of Programmes offered : UG- BA (3 units)
4. Names of Interdisciplinary courses and the departments/units involved :
5. Annual/ semester/choice based credit system : CBGS Semester System
6. Participation of the department in the courses offered by other departments : Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : Certificate Course in Basics of Remote Sensing GIS and GNSS
8. Details of courses/programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts : Assistant Professor
Sanctioned : **01**
Filled : **01**
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience
Dr. Sardar A. Patil	MA, NET, Ph. D.	Assistant Professor	Disaster Management and Geo-Spatial Technology	10 yrs

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil
13. Student -Teacher Ratio : 100:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Nil

15. Qualifications of teaching faculty with Ph.D
DSc/ D.Litt/ Ph.D/ MPhil / PG

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:

Year	Faculty	Project Title	Funding agency	Grant in Rs.
2014	Dr. Sardar A. Patil	Application of Geo-Spatial Technology for the sustainable rural development: a case study of village Panutre	Univ. of Mumbai	30,000

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Year	Faculty	Project Title	Funding agency	Grant in Rs.
2008-10	Dr. Sardar A. Patil	“Management of Flood Disaster in Sangli District of Maharashtra: A Geographical Perspective”	UGC	65,000
2009-12	Dr. Sardar A. Patil	“Environmental Degradation and Environmental Conservation in Sangmeshwar tehsil with special reference to Devrukh: A Geographical Perspective”	UGC	1.05 lac
2014	Dr. Sardar A. Patil	Application of Geo-Spatial Technology for the sustainable rural development: a case study of village Panutre”	Univ. of Mumbai	30,000
Total				2,00,000

18. Research Centre /facility recognized by the University:

Nil

19. Publications:

- a Publication per faculty (**during last five years**): **13**
- b Number of papers published in peer reviewed journals (**during last five years**) : **07**
- c Number of publications listed in : **01**
International Database

d Books with ISBN/ISSN numbers with details of publishers

Sr	Author/s	Title of the Book	Publisher	Year	ISBN	Type
1.	Dr.D.G.Gatade and Dr.S.A.Patil	Flood Disaster Management in River Basin: Causes, Impacts and Preventive Measures of Floods in Indian Context	Lambert Academic Publisher	2012	ISBN 978-3-659-25961-6	Online

e Impact factor: **0.998 -- 5.2**

f h-index: **01**

20. Areas of consultancy and income generated :

Geo-spatial technology for the G-Governance on honorary basis

21. Faculty as members in a) National Committees b) International Committees c) Editorial Boards

- Member of editorial board of Electronic Interdisciplinary International Research Journal, Mumbai.
- Selected as a referee to assess the research papers for TRAJECTORY- a research journal of Rayat Shikshan Sanstha's.
- Selected as a regional board member of Ayushi International Research Journal [ISSN 2349-638X]

22. Student projects:

- Every year students of the department participate in Avishkar Research Convention.
- GIS enabled campus is the project completed by the students under the guidance of Dr. Sardar Patil.
- In last five years, around 40 students participated in state and national level conferences, seminars, workshops, etc. and few of them presented research papers in the same.

a) Percentage of students who have done in-house projects including inter-departmental/programme:

25%

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 / scientists visited to the department:

- Dr. B. C. Vaidya, JNU, Delhi,
- Dr. N. N. Sawant, Goa
- Dr. D. G. Gatade, Satara,
- Dr. D. S. Shinde, Kolhapur

- Dr. D. H. Pawar, Kolhapur
- Dr. S. S. Panhalkar, Kolhapur,
- Dr. B. Mahalingam, Mysore University,
- Prof. Anupreet Singh Tiwana, Panjab etc.

25. Seminars/ Conferences/Workshops organized & the source of funding

Sr. No.	Conference/ Workshops	Dates	Funding
1	State Level Research Paper Presentation Competition	January 14, 2011	College
2	Three day National Conference on Population, Environment and Tourism	3-5 th March 2011	UGC
3	Two-day National Level Workshop on Remote Sensing and GIS Applications in Geography	9 th -10 th January, 2012	CSIR

26. Student profile (2014-15):

Year/ programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
F.Y.B.A.	48	48	21	27	100%
S.Y.B.A.	28	28	09	19	100%
T.Y.B.A.	25	25	14	11	100%
Certificate Course in Basics of RS, GIS and GNSS	22	22	11	11	--

27. Diversity of Students:

All students of the department belong to Maharashtra state.

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	10
Employed	
Other than campus recruitment	10
Entrepreneurship/Self-employment	05

30. Details of Infrastructural facilities:

- Separate Departmental Library
- Two computers with Internet facilities
- Class room with ICT facility
- Laboratory: 01
- Laboratory Equipment
 - ✓ Global Mapper GIS software- 05 License copies
 - ✓ GRAM++ GIS software- 01 License copy
 - ✓ Q-GIS Software-OS
 - ✓ ILWIS-GIS Software-OS
 - ✓ GPS- 02 sets
 - ✓ Topographical and thematic maps
 - ✓ Learning and Scale Cards

31. Number of students receiving financial assistance from college, university, government or other agencies:

131 out of 216 students (for arts stream)

32. Details on student enrichment programmes by external experts:

Special lectures

- Dr. Anita Awati, ICS College Khed - “**Population Growth: Challenges for Development**” 11th July, 2011.
- Dr. D. S. Shinde, Shivaji University Kolhapur-"Environmental Degradation and its Conservation" On 16th January 2012
- Dr. S. S. Panhalkar Watershed Management and Environmental Sustainability on July 26, 2014.
- Dr. S. C. Thakurdesai, Gogate-Joglekar College Ratnagiri "Geographical Studies and Sustainable Life"20th January 2015

❖ **Competition**

- a) State Level Research Paper Presentation Competition for UG and PG students of Geography was organized by the Department of Geography on 14th January, 2011 on the occasion of Geography Day. In this competition, thirty students and two teachers were participated from four districts of Maharashtra.

❖ **Study Tours**

- At Raigad, Mulshi, Khadakwasla, Pune, Aalandi, Jejuri, 4th and 6th February, 2011
- At Vishalgad On 19th February 2011
- At Mahipatgad on 19th February 2012
- At Bankot, Hariharishwar, Murud-Janjira, Nandgaon, Birla Ganesh Temple, on 4th and 5th February, 2012
- At Raigad- Dighi- Janjira- Shrivardhan- Harihareshwar- Bankot, Kelshi- Anjarle- Suvarndurg- Harne- Dabhol--Hedvi- Velneshwar on 9th and 11th March 2013
- AT Ganpatipule on 3rd March 2013
- At Kolhapur, Panhala in March 2014.
- At Tikleshwar in Feb 2014
- At Satara- Kas - Bamnoli - Wai - Sajjangad - Pratapgad - Mahabaleshwar etc. 13th and 15th February, 2015

33. Teaching methods adopted to improve student learning

- Seminar
- Group Discussion
- Field visits
- Use of Audio Visual aids, etc.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Working with extension Project on Application of GST for G Governance
- Survey of solid waste management and water level and quality in Devrukh, is conducted in the month of October 2012.
- Social Survey was conducted in the month of October 2013 in Devrukh.

- Cleanliness camp was organized at Tikaleshwar to remove the solid wastes gathered due to ‘*Mahashivratri*’ local festival.
 - Students and teacher participation in *Nirantar Swachhata Abhiyan*
 - Participation in *Bima Doot Yojana*
35. SWOC analysis of the department and Future plans:
- **Strengths:**
 - ✓ Well qualified experienced staff
 - ✓ Good infrastructural facilities
 - **Weaknesses:**
 - ✓ Single faculty department
 - ✓ Less employment immediately after graduation
 - **Opportunities:**
 - ✓ To start Six Unit Geography department
 - ✓ To start employment oriented professional courses in GST
 - **Challenges:**
 - ✓ Developing the students to meet prevailing employment market conditions
 - **Future Plan:**
 - ✓ To start six unit department in Geography.
 - ✓ To introduce PG in Geography and Geo-Spatial technology.

Department of English

1. Name of the department : English
2. Year of Establishment : 1972
3. Names of Programmes offered : B.A. (3 units)
4. Names of Interdisciplinary courses and the departments/units involved : Nil
5. Annual/ semester/choice based credit system : Credit Based Semester and Grading System
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 : Associate Professor:
Sanctioned : **01**
Filled : **01**
Assistant Professors:
Sanctioned : **01**
Filled : --
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience	PhD students
Dr. L. B. Patil	M.A. Ph. D.	Associate Professor	Dalit Literature & Comparative Literature	27	02 (Guiding)

11. List of senior visiting faculty : Mr. Ulhas S. Sapre, Ratnagiri
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : 33%
13. Student -Teacher Ratio : 112:1
14. No of academic support staff, administrative staff; sanctioned and filled : Not Applicable

15. Qualifications of teaching faculty with PG Ph.D - **01**
DSc/ D.Litt/ Ph.D/ MPhil / PG
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:

Project	Duration	Faculty	Project Title	Funding Agency	Grant Sanctioned
Minor	2010-12	Dr.L.B. Patil	A comparative study of Eliot and Mardhekar	UGC	Rs. 70,000/-

18. Research Centre /facility recognized by the University:
Nil
19. Publications:
- a) Publications per faculty : **05**
 - b) Number of papers published in peer reviewed journals : **05**
 - c) Chapter in Books : **01**
 - d) Impact factor : **0.998**
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.
Nil
 - 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 / scientists visited to the department:

- Dr. Atul Y. Pitre, (Member BOS, MU)
- Dr. A. P. Pandey, (Member BOS and Senate MU)
- Prof. S. D. Sargar, (Department of English MU)
- Prof. Bhimashankar Bodhe, Shivaji University Kolhapur

25. Seminars/ Conferences/Workshops organized & the source of funding:

- Department of English organizes every year Two Day ‘English Language Teaching Workshop for the High school English Teachers’ in Sangameshwar tehsil since 1996 funded by DSPM.

26. Student profile (2014-15):

Year/ programme	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
F.Y.B.A.	41	41	17	24	90
S.Y.B.A.	41	41	17	24	90
T.Y.B.A.	08	08	05	03	37.50

27. Diversity of Students:

All students of the department belong to Maharashtra state.

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	Percentage of enrolled
UG to PG	33%
Employed	
Campus selection	—
Other than campus recruitment	33%
Entrepreneurship/Self-employment	33%

30. Details of Infrastructural facilities:

Departmental Library	:	30 books
Internet facilities for Staff & Students	:	Available
Class rooms with ICT facility	:	Common Seminar Hall
Language Laboratory	:	01

31. Number of students receiving financial assistance from college, university, government or other agencies:

131 out of 216 students (for Arts stream)

32. Details on student enrichment programmes by external experts:

- Workshop on writing/communication skills for T.Y.B.A. students
- Every year one workshop on English Language for composition.
- Special coaching for English Grammar from external expert:
 - ✓ Mr. Shinde V. B.(40 lectures in the academic year 2014-15)

33. Teaching methods adopted to improve student learning:

- Screening documentaries, short films, dramas based on syllabus
- Participative learning

34. Participation in Institutional Social Responsibility & Extension activities:

- Every year two day 'English Language Teaching Workshop for the High school English' Teachers in Sangameshwar tehsil
- Students and teacher participation in *Nirantar Swachhata Abhiyan*,
- Participation in *Bima Doot Yojana*

35. SWOC analysis of the department and Future plans:

- **Strengths:**
 - ✓ Qualified and experienced staff
 - ✓ Adequate infrastructure with well-equipped Language Lab, LCD projector, Dept. library
- **Weaknesses:**
 - ✓ One Man department
 - ✓ Academically weak students with less interest in learning language and literature.
- **Opportunities:**
 - ✓ To start Professional and Career Oriented Courses
 - ✓ To start Research Centre in Department
- **Challenges:**
 - ✓ Student-Teacher ratio is high
 - ✓ To develop soft skills in the students
- **Future Plan:**
 - ✓ Ph.D. research Centre
 - ✓ Up-gradation of English Language Laboratory
 - ✓ Professional courses

Department of Hindi

1. Name of the department : Hindi
2. Year of Establishment : 1989
3. Names of Programmes offered : UG- BA (3 units)
4. Names of Interdisciplinary courses and the departments/units involved : Nil
5. Annual/ semester/choice based credit system : CBGS Semester System
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 : Assistant Professors
Sanctioned : **01**
Filled : **01**
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience
Mrs. S. S. Pujari	MA	Assistant Professor	Literature – Comparative Study	17 yrs

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil
13. Student -Teacher Ratio : 94:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Not Applicable

15. Qualifications of teaching faculty with PG - 01
DSc/ D.Litt/ Ph.D/ MPhil / PG
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

Duration	Faculty	Project Title	Funding agency	Grant in Rs.
2010-11	Ms. Snehlata S. Pujari	भिन्न भाषा की दो कृतियों का तुलनात्मक अध्ययन माटी की मूरते तथा व्यक्ति आणि वल्ली (Study of activities of two different languages “ <i>Mati ki Murate</i> ” and “ <i>Vyakti aani Valli</i> ”)	Univ. of Mumbai	11,000
2012-13	Ms. Snehlata S. Pujari	पु. ल. देशपांडे तथा रामवृक्ष बेनीपुरी के रेखाचित्रों का वर्गीकरणात्मक अध्ययन (Study of personalities of P. L. Deshpande & Beni Puri)	Univ. of Mumbai	16,000
Total				27,000

18. Research Centre /facility recognized by the University:

Nil

19. Publications:

- a Publication per faculty (**during last five years**): **05**
- b Number of papers published in peer reviewed journals: **01**
- c Number of publications listed in International Database: **Nil**
- d Books with ISBN/ISSN numbers with details of publishers **Nil**
- e Impact factor : **NIL**
- f 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 inter-departmental/programme.
Nil
- 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 / scientists visited to the department:
- Mr. P. V. Bhide
 - Mrs. Sumati Bhagawat
 - Dr. Vidya Shinde
25. Seminars/ Conferences/Workshops organized & the source of funding
Nil
26. Student profile (2014-15):

Year/ programme	Applications received	Selected	Enrolled		Pass percentage (2014-15)
			*M	*F	
F.Y.B.A.	48	48	21	27	100
S.Y.B.A.	28	28	09	19	100
T.Y.B.A.	18	18	12	06	100

27. Diversity of Students:
All students of the department belong to Maharashtra state.
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	08
Employed	
Campus selection	00
Other than campus recruitment	10
Entrepreneurship/Self-employment	05

30. Details of Infrastructural facilities:

- Computer with internet connection
- Departmental Library

31. Number of students receiving financial assistance from college, university, government or other agencies:

Government or other agencies:- 131 out of 216 (for Arts stream)

32. Details on student enrichment programmes by external experts:

- Seminar on story and novel literature
- Vocabulary competition
- Official vocabulary competition
- Story translation competition
- Elocution, poetry recitation and essay writing competition

33. Teaching methods adopted to improve student learning

- Seminar
- Group Discussion
- Use of Audio Visual aids, etc.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Member of *Mahila aani Bal Vikas Samitee*.
- Member of Innovative Personality foundation.
- Member of *Konkan Marathi Sahitya Parishad*
- The faculty of department is working in various co/extra-curricular departments in various capacities for example culture, WDC, NSS, Grahak Bhandar etc
- Students and teacher participation in *Nirantar Swachhata Abhiyan*,
- Participation in *Bima Doot Yojana*

35. SWOC analysis of the department and Future plans

- **Strengths:**
 - ✓ Experienced faculty
 - ✓ Consistency in enrollment of students
- **Weaknesses:**
 - ✓ The department is the single faculty department
 - ✓ Students of average quality
- **Opportunities:**
 - ✓ To start six unit Hindi department
 - ✓ Soft skill development courses and giving exposure to students for the digital media
- **Challenges:**
 - ✓ Increasing employability of the students in various profession
 - ✓ Enhancing communication skill of the students
- **Future Plan:**
 - ✓ To start six unit department
 - ✓ Initiation of translation courses
 - ✓ To organize national seminar.

Department of Marathi

1. Name of the department : Marathi
2. Year of Establishment : 1972
3. Names of Programmes offered : B.A. (6 papers)
4. Names of Interdisciplinary courses and the departments/units involved : Nil
5. Annual/ semester/choice based credit system : CBGS Semester System
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 : Assistant Professors
Sanctioned : 02
Filled : 02
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience
Dr. Varsha Shirish Phatak	M.A. Ph.D.	Assistant Professor	Feminism	10
Mr. Ajit Jayaram Jadhav	M.A. NET	Assistant Professor	<i>Balsahitya</i>	05

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil
13. Student -Teacher Ratio : 75:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Not Applicable

15. Qualifications of teaching faculty with PG & Ph.D – 01
DSc/ D.Litt/ Ph.D/ MPhil / PG PG & MPhil - 01
16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:
Two minor research project proposals were submitted to Affiliating university
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Duration	Faculty	Project Title	Funding agency	Total grant in Rs.	
				Sanctioned	Received
2009-11	Dr. Mrs. V.S. Phatak	डॉ. सरोजिनी वैद्य यांच्या वाडःमयीन समीक्षेचा चिकित्सक अभ्यास (Critical Study of literature of Dr. Sarojini Vaidya)	UGC	50,700	46,649

18. Research Centre /facility recognized by the University:
Nil
19. Publications:
a) Total Publications : 10
b) Number of papers in peer reviewed journals : 01
c) Chapter in Books : 01
20. Areas of consultancy and income generated :
Nil
21. Faculty as members in a) National Committees b) International Committees c) Editorial Boards
• Dr. Varsha Phatak is member of *Kokan Marathi Sahitya Parishad*
22. Student projects
a) Percentage of students who have done in-house projects including inter-departmental/programme.:
• Participation of students every year in *Avishkar* Research Convention : 12 students.
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 / scientists visited to the department:

- Dr. D.D. Punde
- Dr. Kalyan Kale
- Dr. Suresh Joshi
- Dr. Vidyadhar Karandikar
- Dr. Vasant Shekade
- Prof. Nitin Arekar
- Manasvini Lata Ravindra
- Aruna Jogalekar

25. Seminars/ Conferences/Workshops organized & the source of funding

- National : Nil
- International : Nil
- State : 01 Funded by UGC

26. Student profile (2014-15):

Year/programme	Applications received	Selected	Pass percentage
F.Y.B.A.	106	106	92%

27. Diversity of Students:

All students of the department belong to Maharashtra state.

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%
Employed	-----
Campus selection	
Other than campus recruitment	10%
Entrepreneurship/Self-employment	10%

30. Details of Infrastructural facilities:

Departmental Library	:	Available
Internet facilities for Staff & Students	:	Available
Class rooms with ICT facility	:	Common Seminar Hall

31. Number of students receiving financial assistance from college, university, government or other agencies:

131 out 216 (for Arts stream)

32. Details on student enrichment programmes by external experts:

- Organized State Level Seminar to Know various writing and presentation skills and opportunities in Marathi Language
- Workshop on Elocution Skills
- Lectures on Research Areas and Methods of Research

33. Teaching methods adopted to improve student learning:

- Lecture method
- Use of audio visual aids
- Seminars and group discussion
- Wall paper
- Organization of Study Tours
- Conducting Surveys

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- With collaboration of Social Institutions Like Matrumandir, Aakaar Oranization, organized Lectures and Social Awareness Programme
- With Collaboration of MITCON and *Jilha Udyog Kendra* we organized training programs of One month (such as Food Processing, Bakery Products, Garments, Cashew nut processing)
- The faculty of department is working in various co/extra-curricular departments in various capacities for example Cultural, WDC, NSS, Extension, etc
- Students and teacher participation in *Nirantar Swachhata Abhiyan*,
- Participation in *Bima Doot Yojana*

35. SWOC analysis of the department:

- **Strengths:**
 - ✓ Experienced and qualified staff
 - ✓ Rich collection of books
- **Weaknesses:**
 - ✓ Restricted fields for employment
 - ✓ Declining inclination towards subject
- **Opportunities:**
 - ✓ To start employment market oriented short term courses
 - ✓ Research Centre in Marathi literature
- **Challenges:**
 - ✓ Enhancing communication skill of the students
 - ✓ Developing students for employment market conditions
- **Future Plans:**
 - ✓ To start PG
 - ✓ To foment interdisciplinary research and other activities
 - ✓ To start short term courses in Journalism, translation studies, voice culture and anchoring etc.

Department of Economics

1. Name of the department : Economics
2. Year of Establishment : 1972
3. Names of Programmes offered : UG- BA (6 units)
4. Names of Interdisciplinary courses and the departments/units involved : Nil
5. Annual/ semester/choice based credit system : CBGS Semester System
6. Participation of the department in the courses offered by other departments :
 - Certificate course Hotel Management and Tours Travel
 - Diploma in Hotel Management and Tours Travel
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
 - Associate Professor
Sanctioned : **01**
Filled : **01**
 - Assistant Professors
Sanctioned : **02**
Filled : **02**
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience
Mr. Sanjay V. Takalkar	M.A., M.Phil.	Associate Professor	Agriculture and Rural Economics	32
Mr. Rahul V. Thoke	M.A., SET	Assistant Professor	Migration	10
Mr. Mandar W. Jakhi	M.A., M.Phil., SET	Assistant Professor	Public Finance	05

- Mr. S. V. Takalkar and Mr. M. W Jakhi have registered for Ph. D.

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil
13. Student -Teacher Ratio : B.A. -- 45:1
B.Com. --110:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Not Applicable
15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG

Name	Qualification
Mr. Sanjay V. Takalkar	M.A., M.Phil.
Mr. Rahul V. Thoke	M.A., SET
Mr. Mandar W. Jakhi	M.A., M.Phil., SET

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:
- Mr. R. V. Thoke and Mr. M. W. Jakhi have submitted research project proposal to UGC and affiliating university respectively.
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Duration	Faculty	Project Title	Funding agency	Grant in Rs.
2009-11	R.V. Thoke	Unemployment and out migration from Ratnagiri District	UGC	90,000
2010-12	S V Takalkar	Problem and Prospectus of Marketing & sale of Mahila Bachat Gat: A Case study of Ratnagiri District (Maharashtra)	UGC	18,000
2011-13	M. W. Jakhi	Study of the variation of wages in informal sector - A case of Sangmeshwar Mumbai District-	Univ. of Mumbai	45,000
2013-14	R.V. Thoke	Socio-Economic conditions of migrated workers in construction A study of Ratnagiri district	Univ. of Mumbai	45,000
Total				1,83,000

18. Research Centre /facility recognized by the University:

Nil

19. Publications:

- Publication per faculty: **02**
- Books with ISBN/ISSN numbers with details of publishers : **01**

20. Areas of consultancy and income generated:

Nil

21. Faculty as members in a) National Committees b) International Committees c) Editorial Boards

- All faculty are members of *Marathi Arthshastra Parishad*

22. Student projects

- a) Percentage of students who have done in-house projects including inter-departmental/programme.

6%

- 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 / scientists visited to the department:

- Prof Atul Salunke, special state licensing officer, Maharashtra government
- Dr. W. W. Sawant (Member BOS MU)
- Dr. Anil Sawant(Member BOS MU)
- Shri. Anil Satpute (Film director)
- Shri Yashwant Bhalkar (Ex-president national Marathi film producers association)

25. Seminars/ Conferences/Workshops organized & the source of funding

- National : Nil
- International : Nil
- State : 01 Funded by UGC

26. Student profile (2014-15):

Academic Year	Applications received	Selected	Enrolled		Pass percentage
			*M	*F	
2009-10	09	09	04	05	44.44%
2010-11	28	25	19	06	52%
2011-12	05	05	04	01	100%
2012-13	20	17	04	13	100%
2013-14	17	15	05	10	100

27. Diversity of Students:
All students of the department belong to Maharashtra state.
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:
Nil

30. Details of Infrastructural facilities:

Departmental Library	:	Available
Internet facilities for Staff & Students	:	Available
Class rooms with ICT facility	:	Common Seminar Hall

31. Number of students receiving financial assistance from college, university, government or other agencies:
131 out 216 (for Arts stream)
32. Details on student enrichment programmes by external experts:
- Workshop on research methodology funded by parent institute
 - State level seminar on Economics of Marathi Cinema funded by UGC
33. Teaching methods adopted to improve student learning
- Seminars
 - Question-Answers sessions
 - Field visits
 - Tests
 - ICT
34. Participation in Institutional Social Responsibility (ISR) and Extension activities:
- Survey on problems of *Mahila Bachat Gat* in Sangameshwar Tehsil conducted by Mr. S. V. Takalkar
 - Survey on out migration from Sangameshwar Tehsil conducted by Mr. R. V. Thoke
 - Surveys on ‘wage differences for unorganized workers’ and ‘decreasing trends of cultivation of *Ragi*’ in Sangameshwar Tehsil conducted by Mr. M. W. Jakhi
 - Mr. R. V. Thoke was NSS programme officer for academic years 2009-2011
 - Mr. M. W. Jakhi was programme officer for Lifelong Learning and

Extension Activities for the academic years 2012-2015

- Students and teacher participation in *Nirantar Swachhata Abhiyan*,
- Participation in *Bima Doot Yojana*

35. SWOC analysis of the department and Future plans:

- **Strengths:**
 - ✓ Three qualified and experienced faculty members
 - ✓ Multidisciplinary application of the subject
- **Weaknesses:**
 - ✓ Students with weak mathematical base
 - ✓ Less exposure for students from vernacular medium
- **Opportunities:**
 - ✓ Starting employment oriented short term courses
 - ✓ Coordinating with reputed institutes of economics for wide exposure
- **Challenges:**
 - ✓ Developing mathematical competency
 - ✓ Inculcating research attitude
- **Future plans:**
 - ✓ To initiate course for students on use of Statistical Package for Social Sciences (SPSS)
 - ✓ Facility of special batch with English medium for the aspiring students
 - ✓ Coordinating with reputed institutes for conducting programmes

Department of Sociology

1. Name of the department : Sociology
2. Year of Establishment : 1983
3. Names of Programmes offered : B.A. (6 unit)
4. Names of Interdisciplinary courses and the departments/units involved : Nil
5. Annual/ semester/choice based credit system : CBGS Grading System
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 : Assistant Professors
Sanctioned : 02
Filled : 01
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience
Mr. Vikas P. Shrungare	MA SET	Assistant Professor	Environment and Gender Study Studies	15 yrs
Mr. Prashant T. Nargude	MA SET	Assistant Professor	Theoretical Sociology	-

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 : 53:1
14. Number of academic support staff (technical) and administrative staff; sanctioned and filled : Not Applicable

15. Qualifications of teaching faculty with PG - 02
DSc/ D.Litt/ Ph.D/ MPhil / PG

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

Duration	Faculty	Project Title	Funding agency	Grant in Rs.
2012-13	V. P. Shrangare	Spatio-temporal patterns of Gender Violence in Ratnagiri District: A Sociological study	Univ. of Mumbai	26,000

18. Research Centre /facility recognized by the University:

Nil

19. Publications:

- Publication per faculty : 7
- Number of papers published in peer reviewed journals: 11
- Impact factor : 2.3

20. Areas of consultancy and income generated :

Nil

21. Faculty as members in a) National Committees b) International Committees c) Editorial Boards

- Mr. Vikas P. Shrangare is Life member of Indian Sociological Society No. 3781.
- Life Member of Maharashtra Samajshastra Parishad.
- Mr. Prashant T. Nargude is Life member of Indian Sociological Society No. 3793 and Life Member of Maharashtra Samajshastra Parishad. No. 895

22. Student projects

a) Percentage of students who have done in-house projects including inter-departmental/programme.

One Research Project has been carried out by TY Students.

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:

Mr. P. T. Nargude secured first rank in the Mumbai University with six prizes:

- The Smt Shanti Rajendra Shah Prize
- The Mamta Memorial Scholarship
- The Chancellor's Medal and Prize
- The N.M. Thoothi Prize
- The K.M. Kapadia Prize
- The Professor Kanaiyalal M. Kapadia
- The Mamata Memorial Scholarship

24. List of eminent academicians / scientists visited to the department:

- Mr. T.B. Rokade
- Mr. S.G. Akholkar
- Prin. S.R. Malushte

25. Seminars/ Conferences/Workshops organized & the source of funding

National: A National Seminar on Human rights and social justice

26. Student profile (2014-15):

Year / Programme	Applications received	Selected	Enrolled		Pass percentage
			M	F	
F.Y.B.A.	60	46	27	19	80%
S.Y.B.A.	50	43	9	34	98%
T.Y.B.A.	20	16	4	12	100%

27. Diversity of Students:

All students of the department belong to Maharashtra state.

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	Percentage of enrolled
UG to PG	60
Entrepreneurship/Self-employment	10

30. Details of Infrastructural facilities:

Library	:	Available
Internet facilities for Staff & Students	:	Available
Class rooms with ICT facility	:	Common Seminar Hall

31. Number of students receiving financial assistance from college, university, government or other agencies:

131 out 216 (for Arts stream)

32. Details on student enrichment programmes by external experts:

Nil

33. Teaching methods adopted to improve student learning

- Lectures
- Group discussion
- Seminars
- Class room test

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Mr. Vikas P. Shrangare has worked as coordinator of Remedial Coaching Scheme,
- He is engaged actively in the Cultural, Sports, Equal Opportunity Centre Departments
- Students and teacher participation in *Nirantar Swachhata Abhiyan*,
- Participation in *Bima Doot Yojana*
- Programme for senior citizens

35. SWOC analysis of the department and Future plans:

- **Strengths:**
 - ✓ Well qualified staff: one faculty is university rank holder
 - ✓ Consistency in student strength
- **Weaknesses:**
 - ✓ Students of average quality
 - ✓ Less awareness about career building

- **Opportunities:**
 - ✓ To tie up with institution NGOs and GOs for employment orientation
 - ✓ To conduct programmes in coordination with institutes of national importance like TISS
- **Challenges:**
 - ✓ Developing skills for employability
 - ✓ Inculcate research culture
- **Future plans:**
 - ✓ To collaborate with NGOs.
 - ✓ To conduct programmes in coordination with institutes of national importance like TISS, NASSDOC

Department of Commerce

1. Name of the department : Commerce
2. Year of Establishment : 1972
3. Names of Programmes offered : UG-B.Com.
4. Names of Interdisciplinary courses and the departments/units involved : Certificate course in Hotel Management and Tours Travels
5. Annual/ semester/choice based credit system : CBGS Semester System
6. Participation of the department in the courses offered by other departments : Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : 01 (M.Com. YCMOU)
8. Details of courses/programmes discontinued (if any) with reasons : Nil
9. Number of Teaching posts
Associate Professor
Sanctioned : **01**
Filled : **01**
Assistant Professors
Sanctioned : **02**
Filled : **02**
10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience
Mr. M. H. Magdum	M. Com. MA (Eco)	Associate Professor	Advanced Accountancy	29 yrs

Self-Study Report – Third Cycle - 2015

Mr. A. M. Kulkarni	M. Com., MA, B. Lib., ISc., SET	Assistant Professor	Business Administration	16 yrs
Mr. S. R. Sonwane	M. Com., NET G. D.C.&A.	Assistant Professor	Advanced Accountancy	2 yrs

- Mr. M. H. Magdum has submitted Ph. D. thesis to Shivaji University Kolhapur

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered : Nil
and practical classes handled
(programme wise) by temporary
faculty
13. Student -Teacher Ratio : 120:1
14. Number of academic support : Not Applicable
staff (technical) and
administrative staff; sanctioned
and filled
15. Qualifications of teaching faculty PG - 01
with DSc/D.Litt/Ph.D/MPhil/PG
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

Durati on	Faculty	Project Title	Funding agency	Grant in Rs.
2009-11	Mr. R. S. Ghanekar	Policy analysis of Public finance	UGC	45,000
2010-12	Mr. Arvind M. Kulkarni	The assessment of the HRD policies and practices in fish processing industry in Ratnagiri district: A case study of the Gadre Marines	UGC	55.000
Total				1,00,000

18. Research Centre /facility recognized by the University:

Nil

19. Publications:

- Publication per faculty (**during last five years**) : **03**
- Number of papers published in peer reviewed journals : **07**
- Books with ISBN/ISSN numbers with details of publishers:

Sr No	Author/s	Title of the Book	Publisher	Year	Type
1	Mr. M. H. Magdum (co-author)	Finance and Marketing (Marathi Medium for IDOL)	IDOL Mumbai University	2013	Offline

- Impact factor : **0.8**

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 project with two students of the department participated in Avishkar Research Convention.
- Participation of students in management competitions at district level.

23. Awards / Recognitions received by faculty and students:

- Rank holder students of Banking and Finance specialization:
 - ✓ 2011-12:- First in Mumbai University
 - ✓ 2013-14:- First in Mumbai University

24. List of eminent academicians / scientists visited to the department:

- Hon. P. N. Joshi, Ex. Deputy Governor, RBI.
- Dr. S. S. Sahastrabudhe, Visiting faculty, IIM Ahemdabad.

- Hon. Chandrashekhar Thakur, Member, SEBI.
- Dr. Subroto Roy, Member, ICSI.

25. Seminars/ Conferences/Workshops organized & the source of funding

Sr.	Conference/ Workshops	Year	Source of Funding
1	Seminar on Career in Financial Services	2011	Janata Bank, Apana Bank, Grow Konkan PVT. Ltd.
2	One Day workshop on investment awareness	2013	ICSI
3	One day workshop on soft skills development	2013	College

26. Student profile (2014-15):

Year / Programme	Applications received	Selected	Enrolled	
			M	F
F.Y.B.Com.	150	131	54	77
S.Y.B.Com.	97	97	44	53
T.Y.B.Com.	99	99	48	61

27. Diversity of Students:

All students of the department belong to Maharashtra state.

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:

Nil

30. Details of Infrastructural facilities:

Library	:	Text books :101 Reference books: 35
Internet facilities for Staff & Students	:	Available
Class rooms with ICT facility	:	Common Seminar Hall

31. Number of students receiving financial assistance from college, university, government or other agencies:

60 students out of total enrollment of 151 receive financial assistance.

32. Details on student enrichment programmes by external experts:

Nil

33. Teaching methods adopted to improve student learning

- Problem Solving Seminar
- Home Assignments/tutorial
- ICT Lectures
- Group discussions
- Personal Attention
- Providing Exercises daily

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Participation in *Bima Doot Yojana*
- Students and faculty participation in *Nirantar Swachhata Abhiyan*
- Film club is run by our faculty

35. SWOC analysis of the department and Future plans:

- **Strengths:**
 - ✓ Well experienced staff
 - ✓ Good infrastructural facilities
- **Weaknesses:**
 - ✓ Lack of entrepreneurial temperament in the students
 - ✓ Weak in communication skill
 - ✓ Less exposure due to education in vernacular medium
- **Opportunities:**
 - ✓ To start skills based add on courses.
 - ✓ To prepare students for professional and competitive examinations.
- **Challenges:**
 - ✓ Initiation skill based programmes
 - ✓ Increasing employability of the students
- **Future plans:**
 - ✓ To foment industry-department nexus for practical education and employment orientation.
 - ✓ To start skills based career oriented programmes through UGC under Deen Dayal *Kaushal* scheme.
 - ✓ Increase in number of industrial training, study tours, students' exchange programs.

Post - Accreditation Initiatives

The assessment and accreditation process is always a welcome exercise since it gives an insight on the various aspects and dimensions of higher education to its stakeholders. The college is in its third accreditation cycle. Since the last accreditation, there is a sea change in the approach and activities. The college has taken positive steps towards the completion of recommendations of the last peer team. For this assessment period, the focal points were establishing stream of pure science, creating research ambience and diversified themes based extension activities and women empowerment. The college has tried its level best to create an ambience and develop infrastructure to serve the purpose.

It is a matter of pleasure to mention that the college received a **Best College Award** of Mumbai University for the year 2010-11 for academic excellence among about Six Hundred colleges affiliated to the University of Mumbai.

It is our proud privilege to mention that the college has received '**Jagar Janivancha**' award by the Government of Maharashtra consecutively for the two years 2012-13 and 2013-14, a cash prize of **Rs. 2,50,000/-** for gender sensitivity and women empowerment.

The post accreditation initiatives taken by the college for academic excellence and dynamic development of students are criterion wise enumerated here:

Criterion I : Curricular Aspects

- ❖ The principal is a member of Perspective Plan Committee of affiliating university
- ❖ Established B.Sc. with Physics, Chemistry, Botany and Mathematics subjects
- ❖ Introduced three career oriented programmes:
 - Certificate course in Hotel Management and Tours-Travels
 - Diploma in Hotel Management and Tours-Travels
 - Certificate course in Fruit, Vegetable Processing and Marketing
- ❖ Initiated UG and PG courses in Commerce and UG courses in Arts, affiliated to YCMOU, Nashik
- ❖ Two faculty are members of syllabus framing committee of the affiliating university
- ❖ Educational visits at a research institutes of national importance
- ❖ Establishment of Digital Library and Institutional Repository

- ❖ Internet facility is free of cost
- ❖ Conducted activities with a view to integrate cross cutting issues such as Gender Sensitization, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum

Criterion II: Teaching, Learning and Evaluation

- ❖ The Principal is a member of Examination Committee constituted by affiliating University for enacting examination reforms
- ❖ Completed Academic Audit by affiliating University
- ❖ Implementation of the CBGS of the university examinations
- ❖ Number of faculty with PhD increased from two to ten
- ❖ Six Faculty members are recognized PG teachers
- ❖ Four faculty are recognised as research guides
- ❖ Bridge, remedial and add-on courses
- ❖ Blended Learning with use of NPTEL, Amrita Virtual Laboratory and online courses
- ❖ Initiation of digitized feedback system on teaching-learning
- ❖ Ten faculty members are paper setters, moderators for university examinations
- ❖ Seven faculty members are managing editor/ assistant editor/ member of editorial board/ member of advisory committee of various National/International Journals
- ❖ Prominent participation of faculty and students in National and International conferences

Criterion III: Research, Consultancy and Extension

- ❖ Completed twenty minor research projects, two on-going, sixteen proposals submitted to the UGC /University for funding
- ❖ Submitted six major research project proposals to the UGC / DST
- ❖ One hundred and forty papers have been published in national and international journals more than 25 papers in journals with impact factor between 2 to 5
- ❖ Four faculty members were invited as resource persons at national conferences
- ❖ Dr. P. V. Naikwade awarded with Young Scientist Award by Confederation of Indian Universities in the subject of Botany
- ❖ Eight faculty members are editorial board members of national / international journals

- ❖ Promotion of Students' Research
 - Conducting workshops on research for in-house students
 - Participation and achievements in research activities at various levels
 - Infrastructural and financial support
- ❖ Increased and focused student engagement in diverse extension activities

Criterion IV: Infrastructure and Learning Resources

- ❖ The college is having collection of more than 150 paintings of noted painters like Abalal Rehman, Bowmanji Pestanji, S. L. Haldankar etc. A separate Art Gallery (*Kala Dalan*) has been established (1021.9 sq. mtr) of Rs. 1.25 crores
- ❖ The Vaman Modak Academy is a study centre for competitive examinations for the students in the campus and off the campus
- ❖ Well-equipped science laboratories
- ❖ A separate, spacious building for library with 326.28 Sq. Mts.
- ❖ A 400 mtr, 8 lane green grass running track
- ❖ 10,000 sq ft indoor stadium is under construction
- ❖ Internet and digital library
- ❖ Network resource centre
- ❖ English language laboratory
- ❖ CCTV in classrooms, labs and the library
- ❖ Installation of fire extinguishers

Criterion V: Student Support and Progression

- ❖ 100% fee concession to all science students for initial three years
- ❖ A provision of Rs 1,00,000/- per year for economically weak students to bear their fees by the management
- ❖ Health check-up camps for girl students
- ❖ Insurance coverage for all the students and their parents under PMSBY
- ❖ Disaster management training for students
- ❖ Establishment of Film Club affiliated with Film Federation of India
- ❖ Provision for registrations of Aadhar card at college campus
- ❖ Blood group testing camps
- ❖ Sufficient water purifiers in the campus

Criterion VI: Governance, Leadership and Management

- ❖ Decentralization and delegation of authority
- ❖ Development of work culture based on MBO and MBE
- ❖ Celebration of foundation day to express gratitude towards founder members
- ❖ Development activities are done departmentally to cut the cost
- ❖ Recognition of students and teachers for their achievements at various levels
- ❖ Motivating and directing the staff for overall career development

Criterion VII: Innovation and Best Practices

- ❖ Establishment of film club
- ❖ Students as Climate ambassadors
- ❖ Student as a Teacher
- ❖ *Bima Doot Yojana* (PMSBY)
- ❖ Reach out to enrich
- ❖ Women empowerment

Abbreviations

AERF	:	Applied Environmental Research Foundation
AMCAT	:	Aspiring Minds' Computer Adaptive Test
API	:	Academic Performance Indicator
B.A.	:	Bachelor of Arts
B.Com.	:	Bachelor of Commerce
B.Sc.	:	Bachelor of Science
BARC	:	Bhabha Atomic Research Center
BC	:	Backward Class
BOD	:	Biological Oxygen Demand
BOS	:	Board of Studies
CAP	:	Central Assessment Program
CAS	:	Current Awareness Service
CBGS	:	Choice Based Credit and Grading System
CCTV	:	Closed Circuit Television
D.T.Ed.	:	Diploma in teaching and education
DBJ College	:	Dr. Datar Science, Dr. Behere Arts and Shri. Pilukaka Joshi Commerce College, Chiplun
DEPD	:	Digital Examination Paper Delivery
DLLE	:	Department of Lifelong learning Extension
DSPM	:	Devrukh Shikshan Prasark Mandal
DST	:	Department of Science and Technology
FFI	:	Film Federation of India
GC	:	Governing Council
GIS	:	Geographical Information System

GJ College	:	Gogate Joglekar College, Ratnagiri
GNSS	:	Global Navigation Satellite System
GPS	:	Global Positioning System
HEI	:	Higher Education Institute
HOD	:	Head of Department
HRD	:	Human Resource Development
HSC	:	High School Certificate
IBPS	:	Institute of Banking Personnel Selection
ICT	:	Information Communication Technology
IIRS	:	Indian Institute of Remote Sensing
IISc	:	Indian Institute of Sciences,
IIT	:	Indian Institute of Technology
ILL	:	Inter Library Loan Service
ILS	:	Integrated Library System
ILWIS	:	Integrated Land and Water Information System
INFLIBNET	:	Information and Library Network
IQAC	:	Internal Quality Assurance Cell
ISR	:	Institutional Social Responsibility
ISRO	:	Indian Space Research Organization
ISTOM	:	Istom Ecole Supérieure D'agro-Développement International
IUAC	:	Inter University Accelerator Center
LAN	:	Local Area Network
LMC	:	Local Management Committee
M.Com.	:	Master of Commerce

M.Sc.	:	Master of Science
MIDC	:	Maharashtra Industrial Development Corporation
MITCON	:	Maharashtra Industrial and Technical Consultancy Organisation
MNC	:	Multi-National Companies
MOU	:	Memorandum of Understanding
N LIST	:	National Library and Information Services Infrastructure for Scholarly Content
NAAC	:	National Assessment and Accreditation Council
NGO	:	Non-Government Organization
NIO	:	National Institute of Oceanography
NMEICT	:	National Mission on Education through Information and Communication Technology
NPTEL	:	National Program on Technology Enhanced Learning
NRC	:	Network resource center
NSDI	:	National Spatial Data Infrastructure
NSS	:	National Service Scheme
OER	:	Open Educational Resources
OPAC	:	Online Public Assess Catalogue
PEC	:	Population Education Club
PG	:	Post graduate
Ph.D.	:	Doctor of Philosophy
PMSBY	:	Pradhanmantri Surksha Bima Yojana
QGIS	:	Quantum Geographical Information System
SDI	:	Selective Dissemination of Information

SWS	:	Survey of Women's Status
TED	:	Technology Entertainment Design
TIFR	:	Tata Institute of Fundamental Research
TISS	:	Tata Institute of Social Science
UG	:	Under graduate
UGC	:	University Grants Commission
UICT	:	University Institute of Chemical Technology
USA	:	United States of America
WDC	:	Women Development Cell
WRO	:	Western Regional Office
YCMOU	:	Yashvantrao Chavan Maharashtra Open University

Self-Study Report – Third Cycle - 2015

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.8-279/2005 (CPP-I)

The Registrar,
Mumbai University,
Mumbai (M.S).

May, 2008

15 MAY 2008

Sub:- Change of name of the College under Section 2 (f) & 12 (B) of UGC Act, 1956.

Sir,

With reference to the letter No. Sr. 609/2007-08 dated 12-02-2008 received from the Principal, Nya. Tatyasaheb Athalye Arts and Ved. S.R. Sapre Commerce and Vidhidnya Dadasaheb Pitre Science College, Devrukh (District Ratnagiri) on the above subject, I am directed to say that the name of the following College already included in the list of Colleges prepared under Section 2 (f) & 12 (B) of the UGC Act in the directory of Colleges prepared as on 31.3.2004 has been changed as under:-

Existing name	New Name
Nyayadhish Tatyasaheb Athalye Arts and Vedmurti S.R. Sapre Commerce College, Devrukh (District Ratnagiri) College, Erandol, District Jalgaon (M.S).	Nyayadhish Tatyasaheb Athalye Arts and Vedmurti S.R. Sapre Commerce and Vidhidnya Dadasaheb Pitre Science College, Devrukh (District Ratnagiri) Maharashtra

Yours faithfully,
(P.K. Sharma)
Under Secretary

Copy forwarded to:-

1. The Principal, Nyayadhish Tatyasaheb Athalye Arts and Vedmurti S.R. Sapre Commerce and Vidhidnya Dadasaheb Pitre Science College, Devrukh (District Ratnagiri)-415 804 Maharashtra
2. The Additional Secretary, UGC, Western Regional Office, Ganeshkhind, Poona University Campus, Pune (M.S)-411 007.
3. Publication Officer, UGC-Website, New Delhi.
4. Section Officer (F.D.-III Section) U.G.C., New Delhi.
5. All Sections, U.G.C, New Delhi.
6. Guard file.

(Mrs. Sunita Gulati)
Section Officer

Self-Study Report - Third Cycle - 2015

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI

F.8-18/81(CPP-I)

Date: _____

- 3 MAR 1987

The Registrar,
University of Bombay,
Bombay - 400032.

Sub:- List of colleges prepared under Section 2(f) of the
University Grants Commission Act, 1956.

Sir,

I am directed to refer to your letter No.Aff/Recog/9739 dated 17.10.1986 on the above subject and to say that following college already included in the Commission's list of colleges prepared under Section 2(f) of the University Grants Commission, has been declared fit to receive assistance from the University Grants Commission and other central sources under Section 12(B) of the University Grants Commission Act, 1956 consequent upon the grant of permanent affiliation by the University:-

<u>Name of the College</u>	<u>Year of Establishment</u>
Nyayadhish Tatyasaheb Athalye Arts & Vedmurti S.R. Sapre Commerce College, Devrukh, Distt. Ratnagiri.	1972

Yours faithfully,

C.M. Ramachandran
(C.M. Ramachandran)
Deputy Secretary

Cop. Forwarded to:

1. The Principal, Nyayadhish Tatyasaheb Athalye Arts & Vedmurti S.R. Sapre Commerce College, Devrukh, Distt. Ratnagiri.
2. All Officers/Sections in the UGC Office.
3. Guard file.

C.M. Ramachandran
(C.M. Ramachandran)
Deputy Secretary

TRUE COPY

C.M. Ramachandran
OFFG. PRINCIPAL
Nya. Tatyasaheb Athalye Arts &



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विरवविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Devrukh Shikshan Prasarak Mandal's
Nya. Jatyasaheb Athalye Arts & Ved. S. R. Sapre
Commerce College
Devrukh, Dist. Ratnagiri, affiliated to University of Mumbai, Maharashtra as
Accredited
at the B* level.*

Date : January 08, 2004



*Unasad
Director*

• This certification is valid for a period of five years with effect from January 08, 2004
• An institutional score (%) in the range of 55-60 denotes C grade, 60-65-C' grade, 65-70-C'' grade,
70-75- B grade, 75-80- B' grade, 80-85-B'' grade, 85-90- A grade, 90-95-A' grade, 95-100-A'' grade
(upper limits exclusive)



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
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Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Devrukh Shikshan Prasarak Mandal's
Nya. Jatyasaheb Athalye Arts, Ved S. R. Sapre Commerce
and Vid. Dadasaheb Pitre Science College
Devrukh, Dist. Ratnagiri, affiliated to University of Mumbai, Maharashtra as
Accredited
with CGPA of 2.82 on four point scale
at B grade
valid up to March 27, 2015*

Date : March 28, 2010



HARSHIN
Director



XEROX COPY

EC/52/RAR/38

Report of the Peer Team
on the Institutional Accreditation of the
Devrukh Shikshan Prasarak Mandal's
Nya. Tatyasaheb Athalye Arts & Ved. S. R. Sapre commerce College
Devrukh- 415804, District-Ratnagiri, Maharashtra

Section 1 : Preface

Devrukh Shikshan Prasarak Mandal was established in 1927 with an objective to provide primary, secondary and higher education in Sangmeshwar Taluka of Ratnagiri District. Accordingly, facilities for higher learning were created by establishing Nya. Tatyasaheb Athalye Arts and Ved. S.R. Sapre Commerce College by the Mandal in 1972. The motto of this college is : 'Knowledge is Power', and the vision of the institution is 'strengthening knowledge through education'. Besides this college, the management runs Junior College of Arts and Commerce, Computer Training Centre, Vocational Education at +2 stage (MCVC), Junior College of Science, High School and English medium School.

The college is located at Devrukh in Sangmeshwar taluka. It is a rural hilly taluka situated on the western slopes of the Sahyadri mountain ranges in Konkan region of Maharashtra. Presently, the mandal has 13.18 acres campus.

Initially the college was affiliated to the Shivaji University, Kolhapur and subsequently to University of Mumbai in 1974. It gained permanent affiliation within 10 years of the commencement.

The college is presently housed in its own main building with a total built up area

Page 1 of 11

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of 1545 sq. meters with 17 rooms/halls. The mandal management periodically reviews and monitors the requirements and physical facilities of the college.

The college has 11 permanent faculty members supported by 3 temporary grant-in-aid faculty, 3 part-time (CHB) teachers and a librarian. Among these, 3 hold Ph.D. and 3 M.Phil degrees. It has 11 non-teaching supporting staff.

The college runs 2 UG programmes in Arts and Commerce and a Ph.D. centre in Marathi subject. The students strength in current academic year is 473 in UG and 3 in Ph.D. programme.

The college volunteered for institutional accreditation by the National Assessment and Accreditation Council (NAAC), Bangalore. The self study reports necessary for the exercise was submitted to NAAC in September 2003. The NAAC constituted the Peer Team consisting of Dr. K.D. Vasava, Former Vice Chancellor of Dr. Babasaheb Ambedkar Open University, Ahmedabad (Gujarat) as Chairman and Dr. B.C. Neelakanta, Professor of Economics, JSS College for Women, Saraswathipuram, Mysore (Karnataka) as Member. The Peer Team visited the institution on 8th and 9th December, 2003. The team was ably assisted by Mr. B. S. Ponnudiraj, Asstt. Adviser from NAAC.

As a part of the pre-visit exercise, the Peer Team members had independently scrutinized the SSR provided to them. The team held meetings with the Principal, members of the Governing Council, Faculty members, supporting staff, representative groups of students of both the Arts and Commerce streams, parents and a few alumni who were available for interaction. The team visited the academic complex, administrative section, library, computer-centre, play ground



and sports facilities, guest house, canteen, arts gallery, assembly hall and other physical facilities. The college has 8 departments under the faculty of arts and commerce.

Based on detailed inspection of the available infrastructure, verification of SSR and extensive discussion with the college community, the team brings out the following observations and insights as useful pointers of the quality of the institution.

Section 2 : Criterion-wise Analysis

Criterion I : Curricular Aspects

The institution offers 2 UG programmes – B.A. and B.Com both in Marathi medium of instruction through faculty of Arts and Commerce. It has Ph.D. centre in Marathi subject since 1988. In consistence with the objective of the institution, the management has launched 4 computer courses on self-financing basis for the benefit of college students. These are : (i) Certificate course in Information Technology, (ii) Certificate course in Computer Operation, (iii) Diploma in Computer Applications, and (iv) Basic Computer Training.

In present day university system, the university structures and designs the courses and sets the syllabi. Hence, the affiliated college has no role to play in either framing or updating and modifying the syllabi. In view of this, the institution encourages the faculty to involve directly or indirectly in such process through representation in competent bodies of the parent university.



The college has presently 14 course options under the faculty of Arts (B.A.) and 2 in Commerce (B.Com). These programmes are operated as per the norms and provisions of the parent university.

Criterion II : Teaching, Learning and Evaluation

Teaching and evaluation process is governed by university rules and regulations. Admissions of students to this college are made in accordance with the rules prescribed by the University and Govt. of Maharashtra. Generally preference is given to the in-house students studying in junior college run by the management. However, owing to limited number of students, all the students who apply for admissions get enrolled in the college.

Conventional class-room lecture method is practiced in teaching – learning activities in addition to a few lectures using OHP especially in Geography, Economics, English, Hindi and Accountancy. More OHP and slides projector have to be procured and A/V aids should be utilised.

Teachers are recruited observing UGC and Govt. norms and procedure. Out of 12 faculty (11 permanent and 1 temporary), 7 have undergone orientation programmes and 11 have undergone refresher courses. In the last three years, 4 teachers have attended the workshops organised in Maharashtra and 3 teachers have attended national level seminars. The Peer Team recommends that all the academic staff may be further encouraged to participate in seminars and conferences.

Students are assessed by conducting periodic internal class tests and terminal



examinations. The promotion of the students from F.Y.B.A/ B.Com to S.Y.B.A./ B.Com and S.Y.B.A./ B.Com to T.Y.B.A./ B.Com has been done by the institution based on evaluation internally as per university of Mumbai norms. The final year examinations are conducted by the University. The teaching and learning are satisfactory.

Criterion III : Research, Consultancy and Extension

The institution has 11 permanent faculty. There are 3 Ph.D. and 3 M.Phil holders. The college has a recognised Ph.D. centre in Marathi subject, and 4 candidates have already been awarded Ph.D. degrees and 2 more are doing their research work.

There is no ongoing Minor Research Project or departmental research project. Research base of the college needs to be strengthened. The Peer Team suggests that teachers should be encouraged to undertake Minor Research Projects.

The college is mainly operating as UG teaching institution and a Ph.D. centre with one guide. Hence, it has yet to explore its expertise for consultancy work.

The college has 2 N.S.S. units having 200 (114 boys and 86 girls) volunteers. Two programme officers have been entrusted with the responsibility of this unit. The students actively participate in various extension activities like 'gutkha hatao', 'know and save nature', 'clean college clean village', AIDs awareness, health and hygiene, tree plantation and social work through N.S.S. Art Circle, and Nature Club. The N.S.S. has adopted 2 villages.



A few staff members are working as directors, secretaries, members, advisers of several NGOs and other institutions, functioning in the area.

Criterion IV : Infrastructure and Learning Resources

The college is functioning in the main building which has 17 rooms/halls – including 11 class rooms, central library, office, common staff room, girls' room and art gallery.

The institution maintains infrastructure with the financial assistance from the management funds also.

The central library is accommodated in main building. It has over 20,926 books (Text Books: 2005, Reference Books: 2505 and other books: 16,416). It subscribes 24 journals, 17 magazines/periodicals and 7 dailies in Marathi and English for the current year.

The library has no exchange facility for the inter-library loan. The library facility should be further strengthened by adding more useful books and by subscribing to some research journals.

The library has a book bank facility for B.C. students and books are issued under the scheme of university. It also issues books to the ex-students and other readers who pursue higher studies.

The functioning of the library is regulated by a library committee consisting of the Principal, three members of the staff and the librarian. The college has yet to



take steps for computerization of the library.

The college has a playground area of 19,895 sq meters. It has Kho-kho and Kabaddi grounds for both boys and girls. Volley ball court, ground for cricket, space for long jump and high jump, carrom board room, table tennis, and chess. The institution has 3 computers and 3 printers. The college has a canteen facility. It does not have a health centre and hostel facilities.

Recently the institution has installed pay-phone in the college porch.

Criterion V : Student Support and Progression

The college obtains feed back from students. It publishes updated prospectus to give clear guidance to students about admission requirements for all programmes, the fee structure and financial aids available. The college offers academic counselling to academically weaker students. The college has yet to form Alumni association.

The college accommodates Nature Club, space for cultural programmes and recreational activities. It has installed a complaints box for inviting constructive suggestions for qualitative improvement of the system, and has evolved a mechanism for feed back from the students about teaching, learning and general infrastructure through a structured questionnaire.

Criterion VI : Organization and Management

The college is managed by the Mandal. The Governing Council frames policies

Page 7 of 11

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and guideline for the working of the institution. Local Management Committee looks after the day to day administration of the college.

The institution has already computerized students' admission process, administration and working of the examination section. The management of library and computerization of other working is in progress.

The teachers are encouraged by the management to enhance their qualification and to participate in orientation programmes, seminars and workshops.

The college has yet to evolve in-built mechanism to deal with grievances of the students. However, grievances of the students are handled by Grievance Redressal Committee. It should create formal Grievance Redressal Cell on a priority basis.

The college has the students' council constituted in accordance with the university norms. It has a registered Consumers' Cooperative Society. Stationery is purchased and made available to students and office on no-profit no-loss basis.

The management has handled the working of the college in such a way that there is no court case since the inception of the college.

Criterion VII : Healthy Practices

The college has introduced several healthy practices for quality improvement.

They are :

Page 8 of 11

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- The college brings out 'Akanksha' – an annual magazine regularly to encourage writing creativity among students since 1975. Recently 28th issue has been published.
- The college inculcates civic responsibilities among the students through N.S.S. programmes.
- Water conservation programmes are organised to help rural farmers by the college N.S.S. unit.
- Nature Club of the college arranges 'Clean College Campus' (CCC) campaign on a regular basis and cycle rallies to create environmental awareness among students and general public since 2002.
- The college has an Art Gallery with rare collection of arts and photos.
- Library fee collection and donations are used exclusively for the development of library. The college library books are given to outsiders also by charging nominal amount.
- The college does students' and teachers' assessment regularly.
- The college organizes two-days 'English Language Teaching Workshop' for high school and Jr.college English teachers of this taluka regularly since 1997 (except 2001- 02).
- Well-known literary scholars are invited regularly to deliver lectures.
- The students of the college voluntarily run 'Arts Circle' to organize cultural activities and competitions.
- ✓ • The college has started extension centre of 'Jan Shikshan Sansthan' (i.e. Peoples' Education Institute) sponsored by Human Resource Development, which is organizing short term training courses for self employment and small-scale industries for the illiterates, neo-literates, semi-literates men & women.
- The management has made provision to provide free ships for the wards

bed

of both teaching and non-teaching staff.

- The management has created a separate scholarship funds. The college utilizes the interest gained for scholarships to the students on merit basis.

Section 3 : Overall Analysis

The Peer Team recorded its observations, commendations in the above section. In addition to this, the team would like to suggest the following for the future growth of this college.

- Based on the local needs and requirements, efforts should be made to launch vocational courses such as mango fruits, cashewnuts, horticulture and other agricultural produce processing and marketing.
- One man departments should be strengthened.
- Efforts may be taken to start PG courses in Marathi, Hindi, Sociology and Commerce.
- Efforts may be made to constitute Grievance Redressal Cell, Backward Class Cell, and Women Development Cell in the college.
- English language lab should be started to improve communication skill in English.
- NCC wing may be started in consultation with the appropriate authorities.
- Commerce lab may be constituted and Geography lab should be further strengthened.
- Management may explore the possibility to start B.Sc. (IT) programme on a priority basis.
- Teachers of all faculties should be encouraged to attend and present papers at seminars, workshops and conferences.

Page 10 of 11

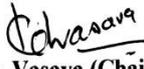
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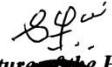
- Each department should be provided a separate room.
- Hostel facility for both boys and girls may be restarted.
- Career guidance cell should be started.
- The budget allotment to the library should be further increased and e-mail, internet facilities should be provided to the students.
- Computerization of library working should be given priority.
- Efforts should be made to provide health centre in the campus.
- Steps may be taken to improve the working of consumers' co-operative store.

The Peer Team wishes to thank the Principal, academic and supporting staff for extending full co-operation to the team during its visit to the institution, which enabled the team to make assessment exercise a pleasant task.

The Peer Team is grateful to the NAAC for giving the members this opportunity to visit the institution.

Names and Signatures of the Peer Team

1.  9/12/03
Dr. K.D. Vasava (Chairman)
2.  9/12/03
Dr. B.C. Neelakanta (Member)

I agree with the report
Dr. S.D. Joshi  9/12/2013
Name and Signature of the Head of the Institution





**PEER TEAM REPORT ON
INSTITUTIONAL REACCREDITATION
OF
DEVROKH SHIKSHAN PRASARAK MANDAL'S
NYA. TATYASAHEB ATHALYE ARTS,
VED. S.R. SAPRE COMMERCE AND
VID. DADASAHEB PITRE SCIENCE COLLEGE,
DEVROKH, DIST. RATNAGIRI,
MAHARASHTRA**

Dates of Visit: 28th – 30th January, 2010

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL,
NAGARBHAVI, BANGALORE**

Self-Study Report – Third Cycle - 2015

A.S.P. College, Devrukh, Reaccreditation Report

PEER TEAM REPORT ON INSTITUTIONAL REACCREDITATION OF DEVRUKH SHIKSHAN PRASARAK MANDAL's NYA. TATYASAHEB ATHALYE ARTS, VED. S.R.SPARE COMMERCE AND VID. DADASAHEB PITRE SCIENCE COLLEGE, DEVRUKH, DIST. RATNAGIRI, MAHARASHTRA.

Section I: GENERAL	Information
1.1 Name & Address of the institution:	Devrukh Shikshan Prasaak Mandal's Nya. Tatyasaheb Athalye Arts, Ved. S.R. Sapre Commere and Vid. Dadasaheb Pitre Science College, Devrukh,Dist. Ratnagiri, Maharashtra.
1.2 Year of Establishment:	1-6-1972
1.3 Current Academic Activities at the Institution (Numbers): <ul style="list-style-type: none"> • Faculties/Schools: • Departments/Centers: • Programmes/Courses Offered: • Permanent Faculty Members: • Permanent Support Staff: • Students: 	Under-graduate, Arts, Commerce & Science Arts-6, Commerce-1, Science-3 B.A., B.Com., B.Sc. Male=12 Female = 2 Total = 14+6 Temporary Teachers 11+6 Temporary Staff Boys-353 Girls=284 Total = 637
1.4 Three major features in the institutional Context (As perceived by the Peer Team):	<ul style="list-style-type: none"> • Co-educational rural UG college affiliated to University of Mumbai situated in interior hilly areas of Ratnagiri, sharing infrastructural facilities with a junior college under the same educational agency • Women constitute 45% of the Students enrolled • College is striving to provide education to the backward hilly rural area, and first of its kind started in 1970's
1.5 Dates of visit of the Peer Team (A detailed visit schedule may be included as given below):	28 th – 30 th January, 2010
1.6 Composition of the Peer Team which undertook the on-site visit:	
Chair Co-ordinator	1. Prof. K. Kunhikrishnan
Member	2. Prof. M.C.Radhakrishna
Member :	3. Dr. M.S. Khanchi
NAAC Coordinator:	4. Dr. S jata P. Shanbhag (at NAAC office)

A.S.P. College, Devrukh, Reaccreditation Report

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A.S.P. College, Devrukh, Reaccreditation Report

<p>2.2 Teaching- Learning & Evaluation:</p>	<ul style="list-style-type: none"> • Transparent system of admission based on eligibility and application seniority. • Admission of marginalized groups adequate. • Women students constitute 45% of the total students strength.
<p>2.2.1 Admission Process and Student Profile:</p>	<ul style="list-style-type: none"> • Tutorials programme to be introduced. • Remedial coaching for SC/OBC with UGC assistance needed. • Advanced and slow learners are to be identified on the basis of examination results. • Institution sympathetic to disadvantaged community.
<p>2.2.2 Catering to the diverse needs:</p>	<ul style="list-style-type: none"> • Academic calendar developed. • Predominantly Chalk and talk method of teaching followed. • Limited use of modern teaching aids. • Usage of library resources to be strengthened
<p>2.2.3 Teaching-Learning Process:</p>	<ul style="list-style-type: none"> • Teachers are recruited as per Govt./ University norms. • Teachers attend refresher and orientation courses, seminars, Research orientation present • One teacher awarded prize for his research papers • IT/ICT programme for teachers need to be organized.
<p>2.2.4 Teacher Quality:</p>	<ul style="list-style-type: none"> • College follows the evaluation system prescribed by the university. • System is well known to students and parents • Grievances regarding evaluation are redressed as per University rules.
<p>2.2.5 Evaluation Process and Reforms:</p>	<ul style="list-style-type: none"> • Transparent admission process and educational opportunity to the needy
<p>2.2.6 Best Practices in Teaching –Learning and Evaluation (If any):</p>	

A.S.P. College, Devrukh, Reaccreditation Report


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A.S.P. College, Devrukh, Reaccreditation Report

2.3 Research, Consultancy & Extension:	
2.3.1 Promotion of Research:	<ul style="list-style-type: none">• Scope for research as a UG college being fully utilised• Research committee formed.• No Separate budget for research.
2.3.2 Research and Publications Output:	<ul style="list-style-type: none">• College was a recognized research centre in Marathi till 08-04-2008.• Two students awarded Ph.D. degrees under the guidance of one teacher.• Two teachers published research papers.• UGC/University funded minor research projects undertaken by the teachers
2.3.3 Consultancy:	<ul style="list-style-type: none">• Limited consultancy on honorary basis.• Limited scope for consultancy.• Consultancy cell to be created
2.3.4 Extension Activities:	<ul style="list-style-type: none">• Three NSS units for boys and girls.• Community development/awareness programmes undertaken.• NCC unit need to be introduced.
2.3.5 Collaborations:	<ul style="list-style-type: none">• Limited collaboration which need to be strengthened.
2.3.6 Best Practices in Research, Consultancy and Extension (If any):	<ul style="list-style-type: none">• Large number of teachers have submitted/undertaken minor research projects to UGC.

A.S.P. College, Devrukh, Reaccreditation Report


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A.S.P. College, Devrukh, Reaccreditation Report

2.4 Infrastructure and Learning Resources:	
2.4.1 Physical Facilities for Learning:	<ul style="list-style-type: none">• Campus area of 17.94 Acres with built up area of 2821 Sq.mtrs. and other facilities shared with the sister institutions of the same management.• Class rooms are well ventilated.• Adequate furniture for class rooms.• Provision of safe drinking water needed.
2.4.2 Maintenance of Infrastructure:	<ul style="list-style-type: none">• Maintenances of building and infrastructure adequate• Furniture, equipments maintained• Generator facility provided.
2.4.3 Library as a Learning Resource:	<ul style="list-style-type: none">• There is library advisory committee.• Computerization of library to be expedited• Reprographic facility needed in library.• Limited reading room facility available.
2.4.4 ICT as Learning Resource :	<ul style="list-style-type: none">• Computer lab available and in all 51 computers installed in the college.• Internet facility with ICT enabled teaching learning orientation to be taken up• Website prepared.
2.4.5 Other Facilities:	<ul style="list-style-type: none">• Girls Hostel under construction.• Sports field, canteen, parking facility available.• Medical facility to be provided.
2.4.6 Best Practices in the development of Infrastructure and Learning Resources (If any):	<ul style="list-style-type: none">• Student friendly atmosphere exists.• Good planning for physical infrastructure.

A.S.P. College, Devrukh, Reaccreditation Report


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Self-Study Report – Third Cycle - 2015

A.S.P. College, Devrukh, Reaccreditation Report

<p>2.5 Student Support and Progression:</p> <p>2.5.1 Student Progression:</p> <p>2.5.2 Student Support:</p> <p>2.5.3 Student Activities:</p> <p>2.5.4 Best Practices in Student Support and Progression (If any):</p>	<ul style="list-style-type: none"> • Adequate representation for marginalized social groups and girls. • 25% students go for higher studies • Examination results are good. • Provision for higher studies and life skill developments to be introduced. • Government financial aid for less privileged available. • Group Insurance scheme for students introduced as part of university rules • Students co-operative store available. • Counseling and placement cell need to be initiated. • Alumni association yet to be formed. • College magazine 'AKANKSHA' published regularly. • Cultural activities of the students visible • Sports and games and co-curricular activities be given impetus. • Group Insurance Scheme for students introduced. • Student cooperative stores functioning
<p>2.6 Governance and Leadership :</p> <p>2.6.1 Institutional Vision and Leadership:</p> <p>2.6.2 Organizational Arrangements:</p> <p>2.6.3 Strategy development and deployment:</p>	<ul style="list-style-type: none"> • College established in a rural backward hilly area to provide higher education • Management is striving to realize their mission by diversified action • Structure is as per University/Government norms. • Management meets the staff twice in a year. • Effective internal co-ordination and team building to be strengthened • Few committees for institutional activities. • Feedback from peer and parents need to be collected. • Short-term and long- term strategies for quality enhancement is to be planned

A.S.P. College, Devrukh, Reaccreditation Report

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Self-Study Report – Third Cycle - 2015

A.S.P. College, Devrukh, Reaccreditation Report

<p>2.6.4 Human Resource Management:</p>	<ul style="list-style-type: none"> • Appointment of permanent faculty as per Govt./University norms. • Part-time/ad-hoc/CHB faculty recruited by management. • Self assessment and career advancement scheme for teachers • Skill up-gradation of Non-teaching staff and IT skill for teachers provided.
<p>2.6.5 Financial Management and Resource Mobilization:</p>	<ul style="list-style-type: none"> • Financial support from state for salary & self financed courses • Audit mechanism in place. • Funds for expansion and maintenance of infrastructure mobilized.
<p>2.6.6 Best Practices in Governance and Leadership (If any):</p>	<ul style="list-style-type: none"> • Credit co-operative society for non-teaching staff in existence.
<p>2.7 Innovative Practices:</p>	
<p>2.7.1 Internal Quality Assurance System:</p>	<ul style="list-style-type: none"> • Internal Quality Assurance Cell (IQAC) established. • Supervisory, monitoring mechanism exists. • Guest lecturers and workshops organized. • IQAC activities to be channalised
<p>2.7.2 Inclusive practices:</p>	<ul style="list-style-type: none"> • Admission given to all eligible students. • Concern for disadvantaged community. • Gender representation is more than adequate.
<p>2.7.3 Stakeholder Relationships:</p>	<ul style="list-style-type: none"> • Good relationship with stakeholders. • Community involvement visible. • Alumni association and parent teacher association need to be structured.

A.S.P. College, Devrukh, Reaccreditation Report

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Self-Study Report – Third Cycle - 2015

A.S.P. College, Devrukh, Reaccreditation Report

Section III: OVERALL ANALYSIS	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)
3.1 Institutional Strengths:	<ul style="list-style-type: none"> • Devrukh Shishan Prasarak Mandal is catering to the educational needs of hilly backward region. • Proven leader in the region. • Own land available, scope for future expansion • SC, OBC and girls admitted in large number.
3.2 Institutional Weaknesses:	<ul style="list-style-type: none"> • Potential for diversification of the courses is to be tapped. • Medium of instruction needs to be widened by starting English medium sections/ courses. • Community out reach programmes of local importance not initiated • Range of academic programmes limited. • N.C.C. unit is not in existence. • Faculty development programmes in emerging areas are lacking. • The student-teacher (permanent) ratio is 1:44. • Attitude for innovation, promoting creativity and change to be undertaken
3.3 Institutional Challenges:	<ul style="list-style-type: none"> • Communication skill to be developed to increase employability of the students. • To establish counseling and placement cell and mentor students. • Modern teaching method with ICT facility to be increased for dynamic learning orientation in the college. • Convert the regional specialities into educational opportunities for overall development of social system

A.S.P. College, Devrukh, Reaccreditation Report

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A.S.P. College, Devrukh, Reaccreditation Report

3.4 Institutional Opportunities:

- The institutional management being in existence for over 80 years, the college has potential to become a hub of educational activity in the region. ✓
- Scope for B.B.A., B.C.A., and agro based employment generating courses.
- Being a rural college, there is scope for introducing locally relevant programmes by identifying needs of the region with collaboration with similar institutions

Section IV: Recommendations for Quality Enhancement of the Institution

(Please limit to ten major one and use telegraphic language)
(It is not necessary to indicate all the ten bullets)

- Interdisciplinary academic programmes to be initiated
- Introduce carrier oriented certificate and diploma courses and life skill development programmes
- Computer education should be provided and a language lab for spoken English to be established.
- Formal counseling and placement cell to be established for student mentoring
- Remedial coaching for SC/OBC students should be started with the assistance of UGC and other funding agencies
- Generate more funds from MP/MLA LAD fund, alumni and local people for development.
- Efforts to be directed towards providing facilities in sports and other extra-curricular activities by physical education director/coaches
- NCC should be introduced.


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A.S.P. College, Devrukh, Reaccreditation Report

Self-Study Report – Third Cycle - 2015

A.S.P. College, Devrukh, Reaccreditation Report

- Teachers may be encouraged to take up major research projects
- IQAC is to be strengthened
- Library should be fully computerized and its working hours should be increased and librarian be appointed
- Management may initiate measures for teaching community to start outreach program for community welfare
- Medical and transportation facility to be improved.

I have gone through the report and agree with the recommendations.



[Signature]
Signature of the Head of the Institution
with date & seal
Nya Athalye Sapre Commerce
& Vidhidnya Pitre Science College
Devrukh (Dist. Ratnagiri)

Peer Team:

Prof. K. Kunhikrishnan, Chair Coordinator

[Signature] 30-1-10

Prof. M. C. Radhakrishnan, Member

[Signature] 30.1.10

Dr. M. S. Khanchi, Member

[Signature] 30.1.10

Dated: 30th January, 2010.

Place: Devrukh

A.S.P. College, Devrukh, Reaccreditation Report

Self-Study Report – Third Cycle - 2015

DEVBUKH SHIKSHAN PRASARAK MANDAL
 NYA.ATHALYE ARTS.VED.S.R.SAPRE COM. & VIDYATRE SCIENCE (SENIOR) COLLEGE DEVBUKH.

Receipts And Payments Account For The Year Ended 31st March 2011

	Receipts		Payments		
	Rs.	Rs.	Rs.	Rs.	Rs.
To Opening Balances	598.00				3969406.00
To Cash On Hand					2665773.00
To Cash With Banks					386508.00
SB1 11320-726132	3780.81				57232.00
SB1 11320-726699	1645.23				51435.00
SB1 11320-726610	400656.14				31120.00
SB1 11320-726654 (Dep)	147378.52				788000.00
SB1 11320-726654 (Dep)	143425.96				16000.00
To Janata Bank A/c No.2555		2023902.70			
					8405918.00
To Revenue Grants					
Salary Grant	10531804.00				92145.00
NSS Regular Grant	29420.00				809466.00
NSS Camp Grant	35100.00		10596324.00		96560.00
					2075.00
To Fees & Fines					22215.00
Tuition fees	407930.00				80550.00
Library fees	11600.00				
Gymkhana fees	10470.00				
Other fees	15530.00				
V.C. fees	9500.00				
Ex-student fees	300.00				
					2246011.00
					11030.00
To Other Revenue Receipts					
Bank Interest	13697.00				5697.00
Magazine contributin	8600.00				13907.00
Cultural activities	6000.00				8151.00
Discount on lib.books	1199.00				57450.00
Sale of admission forms	28200.00				41300.00
Advertisement magazine	5000.00				2500.00
Scholarship & prizes	251.00				4092.00
Miscellaneous receipts	1310.00				85417.00
Uni.college exam.fees	290590.00				50688.00
Sale of old newspapers	5350.00				120054.00
Sale of I card/lib.cards	27330.00				24110.00
Admission process fee	107150.00				52974.00
V.C.fund fee	11500.00				5486.00
Ex-student	88500.00				1370.00
Life Insurance	26915.00				8773.50
Utility Insurance	12472.00				2800.00
Enrolment fees	15673.00				2000.00
Enrolment forms	4100.00				11356.00
NAAC Seminar print	90190.00				12993.00
Seminars & workshop	36100.00				46175.00
Desister Reliff fund	5976.00				620.00
					9418.00
					37355.00
					1400.00
					642.00
					224565.00
Total C/Fd.	1180402.00	13394816.70	Total C/Fd.	93321.50	1065695.00



Self-Study Report - Third Cycle - 2015

DEVUKH SHIKSHAN PRASAK MANDAL
 NYA.ATHALYE ARTS,VED.S.R.SAPRE COM.& VIDPTIRE SCIENCE (SENIOR) COLLEGE DEVUKH.
 Receipts And Payments Account For The Year Ended 31st March 2011Contd.

	Rs.	Rs.	Rs.
Receipts		Rs.	Rs.
Total B/FD.....	3955488.00	Total B/FD.....	3257631.00
Minority scholarship	4850.00	UGC workshod	112500.00
		UGC career & counselling	111500.00
		UGC Bldg.(Dev.Scheme)	27570.00
		UGC Bldg.-backward area	18570.00
		UGC Bldg.enhance scheme	5000.00
		UGC cert.cour.se-tours &tr	3556636.00
		By Deposit Payments	9500.00
		Library deposit	7800.00
		Caution money	600.00
		Ex-student lib.dep.refund	17248.00
		Dev.fund revenue	150646.00
		By Scholarships	
		GOI BC SC Scholarship	403130.00
		GOI BC NT Scholarship	353721.00
		GOI OBC Scholarship	2157328.00
		EBC concessions	1373.00
		Disabled scholarship	5070.00
		GOI ST scholarship	5070.00
		U/D GOI Sch.due	4833.00
		Minority scholarship	2956988.00
		By Salary Deductions Paid	
		Provident Fund	580700.00
		Professional Tax	59850.00
		Income Tax	566914.00
		L.I.C.premium	236950.00
		SBI loan instalments	314136.00
		Janta Bank Loan instalmet	382946.00
		Non teaching staff loan	1000.00
			2162500.00
		By Advance Paid	
		Amount admitted	630489.00
		Convection fees	40350.00
		University exam.fees	98790.00
		University exam.remuneratn	27507.00
		University exam.forms	2310.00
			166957.00
Total C/fd.....	25334074.70	Total C/fd.....	21748218.50



DEVBUKH SHIKSHAN PRASARAK MANDAL
 NYA.ATHALYE ARTS,VED.S.R.SAPRE COM.& VIDYATRE SCIENCE (SENIOR) COLLEGE DEVBUKH.
 Receipts And Payments Account For The Year Ended 31st March 2011Contd.

Receipts	Rs.	Payments	Rs.
By Closing Balances			
Cash On Hand		1050.00	
Cash With Banks		75932.81	
SBI 11220-75012		1085.29	
SBI 11220-75005		27128.14	
SBI 11220-75050		68671.62	
Janata Bank-295		14452.50	
Bank of Maharashtra-153		2512.00	
PLA Sub treasury		355.00	
Total	28334074.70	Total	2174218.50
Total	28334074.70	Total	28334074.70

Examined and found correct as per the books of account produced to us and information and explanations given to us during the course of our audit.

FOR S. BHARGAVA & CO.
 Chartered Accountants.
 Main Branch: 1
 (together)



KOLHAPUR
 Dated : 18 JUN 2011

Self-Study Report - Third Cycle - 2015

DEVURUKH SHIKSHAN PRASARAK MANDAL
 NYA-ATHALVE ARTS-VED.S-R.SAPRE COM.&VIDYAPITRE SCIENCE (SENIOR) COLLEGE DEVURUKH.
 Receipts And Payments Account For The Year Ended 31st March 2012

Receipts	Rs.	Payments	Rs.
To Opening Balances	1050.00	By Salaries Of Teaching Staff	5369348.00
Cash On Hand		Basic Pay	3403913.00
Cash With Banks		Dearness Allowance	590612.00
SBI 11220-726162	75389.81	House rent Allowance	127733.00
SBI 11220-726007	1085.23	Transport Allowance	87960.00
SBI 11220-726014	271289.14	Dearness pay to teachers	1311000.00
SBI 11220-726014 (Dep)	6086714.52	Grade pay to teachers	523834.00
Janta's Bank-2959	144432.50	6th day arrears to teaches	24000.00
Bank of Maharashtra-1553	2512.00	Special pay to Principal	11248400.00
PLA Sub treasury	3350.00		
	6585856.20		
To Revenue Grants		By Salaries of Non-Teaching Staff	
Salary Grant	14029073.00	Basic Pay	1370492.00
NSS Regular grants	35050.00	Dearness Allowance	809556.00
NSS Camp grant	43280.00	House rent Allowance	128943.00
Recovery of salary-staff	20000.00	Transport allowance	19575.00
Red Ribbon Club	8810.00	Dearness pay to non-teach	87900.00
	14226213.00	6th day arrears to NT stf	254415.00
		Grade pay to NT staff	175200.00
			2850091.00
To Fees & Fines		By Audit Fees	
Tuition fees	214070.00	By Other Revenue Expenditure	11030.00
Library fees	28160.00	Postage	6081.00
Other fees	65286.00	Printing & Stationary	14688.00
T.C.Fees	4300.00	Telephone	8598.00
Ex-student fees	1700.00	Travelling & Conveyance	72431.00
Fine from students	1700.00	Electricity	103800.00
Gymkhana fees	58460.00	Repair - Furniture	24047.00
	402658.00	Miscellaneous Expenses	5071.00
		Purchase-adm. Forms	21771.00
To Other Revenue Receipts		Gymkhana	71606.00
Bank Interest	288723.00	Cultural activities	89389.00
Magazine Contribution	52250.00	Annual day	25114.00
Discount on Lib.books	126368.00	Magazine	126514.00
Sale of admission forms	37300.00	Reading room	4110.00
Advertisement magazine	5300.00	Library periodicals	1025.00
Scholarships & prizes	501.00	Registration	5000.00
Miscellaneous receipts	308.00	Bank commission	6602.35
Uni.college exam.fees	248565.00	Washing allowance	2400.00
Sale of old newspapers	15020.00	Affiliation fees	14000.00
Sale of I.cards/Lib.cards	60600.00	Group insurance	11951.00
Admission process fees	6726.00	Scholarships & prizes	47741.00
V.C.Fund	50380.00	N.S.S.expenses	15792.00
Project fee	16780.00	V.C.Fund	47741.00
E-Sivdha	6790.00	Principal quarter rent	13520.00
Group insurance	74215.00	Uniforms co peons	104820.00
Utility fees	9810.00	Maint.& repairs to builda	37755.00
Extra curricular activities			
Total C/fd.....	996383.00	Total C/fd.....	837200.35
	21214727.20		14109521.00



Self-Study Report - Third Cycle - 2015

DEVURUKH SHIKSHAN PRASARAK MANDAL
 NYA.ATHALYE ARTS,VED.S.R.SAPRE COM.& VIPIITRE SCIENCE (SENIOR) COLLEGE DEVURUKH.
 Receipts And Payments Account For The Year Ended 31st March 2012contd.

	Rs.	Rs.	Rs.
Receipts			
Total B/Fd.....	996383.00	21214727.20	837200.35
Enrolment fees	28230.00		1200.00
Enrolment forms	1680.00		7749.00
UGC Human rights	47600.00		19400.00
Seminar & workshop	20700.00		257681.00
Desister Refill fund	3400.00		9482.00
E-charge	6360.00		58643.00
Computer practical fee	2100.00		27114.00
Sports & cultural	9750.00		19773.00
University exam.revaluath	18920.00		79854.00
Lab.fee	7700.00		44710.00
		1144823.00	4500.00
To Capital Receipts			
Student welfare fund	15030.00		54950.00
MRP-M.R.Kale	32000.00		13700.00
MRP-S.T.Sankpal	24000.00		6820.00
Xith UGC MRP-S.A.Patil	18000.00		7786.00
MRP-V.P.Shringere	20800.00		16344.00
MRP-M.W.Jakhi	36000.00		6810.00
UGC Women s Hostel	286014.00		48995.00
UGC Indoor Complex	3500000.00		5684.00
UGC Outdoor Complex	2000000.00		8810.00
Xith plan Enhancement-ini	260000.00		17815.00
Development fund	153248.00		60172.00
Recovery of lost books	510.00		61750.00
UGC Sports equipments	400000.00	6745702.00	168801.00
To Deposit Receipts			
Caution money	11600.00		24000.00
Library deposit	18900.00		20800.00
Ex-student lib.deposit	1000.00		36000.00
Laboratory deposit	8000.00		10303.00
		39900.00	18729.00
To Scholarships			
GOI SC scholarship	106780.00		4774.00
GOI SC NT scholarships	36168.00		11558.00
GOI OBC scholarships	683261.00		17313.00
PTC Concession grant	225.00		9868.00
SST Concession grant	135.00		6500.00
PTC examination fees	3000.00		9184.00
SST Exam.fees	1800.00		39900.00
		831369.00	99671.00
			3125.00
			25036.00
			28961.00
			119579.00
			32875.00
Total C/fd.....	29976521.20	2414513.95	14109521.00



Self-Study Report - Third Cycle - 2015

DEVRUKH SHIKSHAN PRASARAK MANDAL
 NYA.ATHALYE ARTS,VED.S.R.SAPRE COM.& VIDPITRE SCIENCE (SENIOR) COLLEGE DEVRUKH.
 Receipts And Payments Account For The Year Ended 31st Maron 2012contd.

Receipts	Rs.	Payments	Rs.
Total B/fd.....	29976521.20	Total B/fd.....	2414513.35
To Salary Deductions	1197088.00	UGC equal oppor.t.centre	80.00
Provisional Fund	66220.00		2414593.35
Professional Tax	940483.00	By Capital Expenditure	
Income Tax	310126.00	Library Books	73889.00
L.I.C. premium	448224.00	Furniture & equiames	93636.00
State Bank loan instalmt	456980.00	Capitalize Dev.fund	27035.00
Janata bank loan instalmt		Student welfare fund	38860.00
		Lib.books disc.value	126368.00
		Electrification	11025.00
To Amount Received From Society	155895.00	UGC Bldg.(Dev.scheme)	178574.00
To Amount Received For Remittance	1174667.00	UGC Bldg.(Backward Area)	538594.00
Convocation fees	43500.00	Xith UGC Indoor complex	35000.00
University exam.fees	122275.00	Xith UGC Outdoor complex	14750.00
University exam.remuneran	20018.00	MRP V.S.Phatak-Books	11176.00
University exam.forms	1990.00	- - - Equipments	400.00
		MRP R.V.Thoke-Books	11797.00
		- - - Equipments	8850.00
		MRP S.A.Patil-Books	4048.00
		- - - Equipments	4900.00
		MRP N.P.Tendoliker-Books	4795.00
		- - - Equipments	19135.00
		MRP L.B.Patil -books	13891.00
		MRP A.M.Kulkarni-Books	23656.00
		UGC additional grants	1544354.00
		Xith plan UGC book grant	75107.00
		Xith UGC sports equipments	504959.00
		UGC Xith back area-books	67901.00
		UGC Xith enh. of init.bos	17285.00
		- - -equipments	223196.00
		UGC Rem.coaching-books	162512.00
		- - - equipments	64450.00
		UGC coco.class-books	200203.00
		- - - equipments	32091.00
		UGC career & coco.equiams	45500.00
		UGC Bldg.(enhance.scheme)	189110.00
		UGC Bldg.(women hostel)	354248.00
			5116395.00
		By Deposit Payments	
		Library deposit	93394.00
		Caution money	65140.00
		Ex-student lib.dep.refund	3000.00
		Development fund revenue	170371.00
		Laboratory deposit	600.00
Total C/fd.....	34919927.20	Total C/fd.....	332505.00
			21973014.35



DEVRUKH SHIKSHAN PRASARAK MANDAL
 NYA.ATHALYE ARTS,VED.S.R.SAPRE COM.& VIPPITRE SCIENCE (SENIOR) COLLEGE DEVRUKH.
 Receipts And Payments Account For The Year Ended 31st March 2012contd.

Receipts	Rs.	Payments	Rs.
Total B/fd.....	34913927.20	Total B/fd.....	21975014.35
By Scholarships		GOI BC SC scholarships	109295.00
GOI BC NT scholarships	36168.00	GOI BC NT scholarships	684096.00
GOI OBC scholarships	225.00	PTC concessions	135.00
PTC concessions	135.00	PTC Examination fees	2400.00
SST concessions	1800.00	S.S.T.Exam.fees	834119.00
PTC Examination fees			
S.S.T.Exam.fees			
		By Salary deductions Paid	
		Provident Fund	1197088.00
		Professional Tax	66220.00
		Income Tax	940483.00
		L.I.C.premium	310126.00
		State Bank loan instalmt	448224.00
		Janata Bank loan instalmt	456980.00
			3419121.00
		By Advance Paid	
		Amount Remitted	1144558.00
		Convocation fees	43500.00
		University exam.fees	125085.00
		University exam.remuneran	15386.00
		University exam.forms	1750.00
			185721.00
Total C/fd.....	34913927.20	Total C/fd.....	27556539.35



DEVRUKH SHIKSHAN PRASARAK MANDAL
NVA-ATHALYE ARTS, VED. S.R. SAPRE COM. & VIDPITRE SCIENCE (SENIOR) COLLEGE DEVRUKH,
 Receipts And Payments Account for The Year Ended 31st March 2012contd.

Receipts	Rs.	Rs.	Rs.	
Total B/Fd.....	34913927.20	Total B/Fd.....	2756653.35	
By Closing Balances				
				2320.00
				6668.81
				1432.43
				7955.14
				7186832.52
				146686.15
				5499.00
				7357393.85
Total	34913927.20	Total	34913927.20	

Examined and found correct as per the books of account produced to us and information and explanations given to us during the course of our audit.



FOR R.B. BHAGWAT & CO.,
 Chartered Accountants.
 Malhar, Bendigeri
 (partner)

KOLHAPUR
 Dated :

14 JUN 2012

Self-Study Report - Third Cycle - 2015

DEVRUKH SHIKSHAN PRASAK MANDAL
NVA-ATHALYE ARTS-VED.S.R.SAPRE COM.& VIDYAPITRE SCIENCE (SENIOR) COLLEGE DEVRUKH.

Receipts And Payments Account For The Year Ended 31st March 2015

Receipts	Rs.	Payments	Rs.
To Opening Balances		By Salaries of Teaching Staff	
Cash On Hand	2326.00	Basic Pay	571120.00
Cash With Banks	6668.81	Dearness Allowance	452891.00
551 1125070126	1432.43	House rent Allowance	597856.00
551 11250725009	7595.14	Transport Allowance	13205.00
551 11250720010	7186832.52	Grade pay to teachers	1396000.00
551 11250720034 (Dep)	146686.15	Special pay to Principal	24000.00
Janata Bank-229	5499.00	Salary out of solv.fund	161763.00
Bank of Mah.1555	7357393.85	VI Pay arrears-Teachers	1668450.00
			13206941.00
To Revenue Grants		By Salaries of Non-teaching Staff	
Salary grant	14486299.00	Basic Pay	1176560.00
NSS remedial grants	47741.00	Dearness Allowance	943095.00
NSS camp grant	44710.00	House rent Allowance	141118.00
VI Pay arrears-Teachers	1668456.00	Transport Allowance	14400.00
VI Pay arrears-N.T. Staff	115541.00	Grade pay to NT staff	234600.00
	15764741.00	VI pay arrears-NT staff	115541.00
			2625312.00
To Fees & Fines		By Audit Fees	
Tuition fees	435455.00		11236.00
Library fees	114610.00	By Other Revenue Expenditure	
Gymkhana fees	14260.00	Postage	7863.00
Fine from students	1300.00	Printing & Stationary	25601.00
Other fees	142350.00	Telephone	15259.00
T.C.fees	5350.00	Travelling & Conveyance	88599.00
Ex student fees	570.00	Electricity	143900.00
	813055.00	Repair - Furniture	4134.00
		Miscellaneous Expenses	2247.00
To Other Revenue Receipts		Water charges	1200.00
Bank Interest	28117.00	Purchase of Adm. forms	1703.00
Magazine contribution	35950.00	Gymkhana expenses	3445.00
Discount on Lib. books	771.00	Cultural activities	100595.00
Sale of admission forms	34800.00	Annual day expenses	25143.00
Advertisement magazine	7320.00	Reading room expenses	209193.00
Scholarships & prizes	151.00	Library periodicals	5681.00
Miscellaneous receipts	12005.00	Bank commission	2775.00
Univ.college exam.fees	497575.00	Gratification fees	5527.50
Sale of I card/Lib.cards	3142.00	Gratification fees	2400.00
Admission process fee	28940.00	Social charges	14000.00
Annual day	120220.00	SSS expenses/prizes	4250.00
Project fee	119415.00	SSS expenses/Request	4573.00
E-Suvidha	28250.00	Principal quarter	1029.00
User Awareness program	25000.00	Maint. & Repair to Bldg.	39755.00
Univ.exam.revaluation	3670.00	Advertisement expenses	5272.00
Disaster Relief fund	5000.00	Insurance	17666.00
Computer Practical fees	3000.00	NAAC expenditure	
Total C/fd.....	1298476.00	Total C/fd.....	1055226.50
			15845489.00



Self-Study Report - Third Cycle - 2015

DEVRUKH SHIKSHAN PRASARAK MANDAL
 NYA.ATHALYE ARTS,VED.S.R.SAPRE COM.& VIDITRE SCIENCE (SENIOR) COLLEGE DEVRUKH.
 Receipts And Payments Account for the Year Ended 31st March 2015 ...Contd.

	Rs.	Rs.	Rs.
Receipts			
Total B/Fd.....	1298476.00	43935289.85	1055226.50
UNIV. Exam. forms	210.00		387412.00
Group insurance	12500.00		12500.00
Utility fees	14200.00		16590.00
Extra curricular activities	5000.00		16243.00
Enrolment fees	57400.00		37666.00
Seminar & workshop	141075.00		35500.00
Breakage from student	1150.00		500.00
Laboratory fees	27650.00		8420.00
Sports & cultural activities	7200.00		15408.00
UGC seminar & workshop	10700.00	1729341.00	6520.00
To Capital Receipts			121568.00
Development fund	24200.00		500.00
Student welfare fund	2525.00		6032.00
XIth UGC MRP-V.S.Pnatak	5235.00		1845.00
XIth UGC MRP-R.V.Inoke	1898.00		1835.00
B.C.Book Bank grants	58927.00		3500.00
UGC women hostel	10067.00		2500.00
XIth UGC MRP-N.P.Tendolkar	35000.00		25000.00
XII Bhan UGC coaching clis	37500.00		
XII Bhan Remedial coachig	37500.00		
XII Bhan equal opp.cent.	68700.00		
Recovery of lost Books	600.00		
XIth UGC MRP-L.B.Patil	10800.00		
To Deposit Receipts			
Cashion money	14700.00		13740.00
Library deposit	24500.00		221920.00
Laboratory deposit	1450.00		462519.00
		1691296.00	27580.00
To Scholarships			
GOI BC SC Scholarships	38930.00		4088.00
GOI BC NT Scholarships	8335.00		8741.00
GOI OBC Scholarships	75155.00		20437.00
ESC concession grant	2115.00		13665.00
SST concession grant	160.00		3000.00
SST Exam.fees	2360.00		4369.00
		40650.00	35000.00
			1283.00
			1433.00
			2770.00
			2500.00
			19286.00
			750.00
			584771.00
			2037373.00
			1168056.00
Total C/fd.....	28608151.85	Total C/fd.....	4675350.00
			17968746.50



Self-Study Report - Third Cycle - 2015

DEVRUKH SHIKSHAN PRASAKAN MANDAL
 NYA.ATHALYE ARTS,VED.S.R.SAPRE COM.& VIDYITRE SCIENCE (SENIOR) COLLEGE DEVRUKH.
 Receipts And Payments Account For The Year Ended 31st March 2015contd.

Receipts	Rs.	Payments	Rs.
Total B/fd.....	2800015.85	Total B/fd.....	4675350.00
To Salary Deductions	1227004.00	Udc bldg.(dev.schems)	756569.00
To Advance Received	62500.00	Udc bldg./backward area	835051.00
To Amount Received For Remittance	1278719.00	Udc bldg u/enhance sch.	825630.00
Convocation fees	354054.00	Udc cert.course-tours & t	71798.00
University exam.fees	468224.00	Development fund-revenue	143098.00
Univ.exam.remuneration	418400.00		7307450.00
Univ.MRP M.W.Jakhi			
Univ.MRP V.P.Shrange			
Univ.Exam.Forms			
Recovery of salary-staff			
V.C.Fund			
	3788901.00	By Deposit Payments	4150.00
To Amount Received From Society	174346.00	Library deposit	2650.00
To Amount Received For Remittance	1706747.00	Caution money	1000.00
Convocation fees		Ex-student lib.dep.refund	7800.00
University exam.fees			
Univ.exam.remuneration			
Univ.MRP M.R.Kale			
Univ.MRP M.W.Jakhi			
Univ.MRP V.P.Shrange			
Univ.Exam.Forms			
Recovery of salary-staff			
V.C.Fund			
	280418.00	By Scholarships	389340.00
		GOI BC SC scholarship	65375.00
		GOI BC NT scholarship	751565.00
		GOI OBC scholarship	2115.00
		EBC Concessions	180.00
		SST concession	600.00
		PTC examination fees	2300.00
		SST exam. fees	
			1211475.00
		By Salary Deductions Paid	
		Provident Fund	1227004.00
		Professional Tax	62500.00
		Income Tax	1278719.00
		L.I.C.premium	354054.00
		State Bank loan instalmet	468224.00
		Janta Bank loan instalmet	418400.00
			3788901.00
		By Amount Remitted	1773747.00
		Convocation fees	48370.00
		University exam.fees	131500.00
		Univ.exam.remuneration	7222.00
		Univ.MRP M.R.Kale	7556.00
		Univ.MRP M.W.Jakhi	9000.00
		Univ.MRP V.P.Shrange	5200.00
		Recovery of salary-staff	72735.00
		V.C.Fund	12840.00
			294663.00
Total C/fd.....	34558563.85	Total C/fd.....	32352822.50



DEVRUKH SHIKSHAN PRASARAK MANDAL
 NYA.ATHALYE ARTS,VED.S.R.SAPRE COM. & VIDYATRE SCIENCE (SENIOR) COLLEGE DEVRUKH,
 Receipts And Payments Account for The Year Ended 31st March 2013contd.

Receipts	Rs.	Payments	Rs.
TOTAL B/FD.....	34558563.85	TOTAL B/FD.....	3235282.50
By Closing Balances			
Cash On Hand		516.00	
CASH WITH BANKS			
SBI 11220 726122		124482.31	
SBI 11220 726609		1327.43	
SBI 11220 726610		1912.14	
SBI 11220 726654 (Dep)		1542564.52	
Jenata Bank No.2859		534094.15	
Bank of Man. A/c 1553		845.00	
		2205741.35	
TOTAL	34558563.85	TOTAL	34558563.85

Examined and found correct as per the books of account produced to us and information and explanations given to us during the course of our audit.

FOR R. E. BHAGWAI & CO.,
 Chartered Accountants.



Maharaj Pradiceri
 (per ther)

KOLHAPUR

Dated : 31 MAY 2013

Self-Study Report – Third Cycle - 2015

DEVPRUKH SHIKSHAN PRASARAK MANDAL
 N.Y.A. ATHALYE ARTS, VED. S. R. SAPRE COM. & VIDYUTE SCIENCE (SENIOR) COLLEGE DEVPRUKH.

Receipts and Payments Account For The Year Ended 31st March 2014

Receipts	Rs.	Payments	Rs.
To Opening Balances		By Salaries of Teaching Staff	
Cash On Hand	516.00	Basic Pay	5581920.00
Cash With Banks		Dearness Allowance	6702926.00
SEI 11220 726122	124182.31	Houserent Allowance	631115.00
SEI 11220 726609	1327.23	Transport allowance	132046.00
SEI 11220 726610	1912.14	VI pay arrears-teachers	5275747.00
SEI 11220 726654 (Dep)	1542564.52	Grade pay to teachers	1128401.00
Jenara Bank No.2959	534094.15	Special pay to Principal	24000.00
Bank of Mah. A/c 1553	845.00	Salary out of scity.fund	233242.00
	2205741.35		20099397.00
To Revenue Grants		By Salaries of Non-Teaching Staff	
Salary Grant	17703002.00	Basic Pay	1279649.00
VI Pay arrears-teachs	5548610.00	Dearness Allowance	1498825.00
NSS Regular grants	25000.00	Houserent Allowance	143484.00
NSS camp grant	28125.00	Transport allowance	13650.00
Recovery-salary from staff	303576.00	VI pay arrears-N.I. Staff	283488.00
VI Pay arrears-NI staff	285488.00	Grade pay to NI staff	231700.00
	23893801.00		3452796.00
To Fees & Fines		By Audit Fees	
Tuition fees	461545.00	By Other Revenue Expenditure	
Library fees	118810.00	Postage	8182.00
Gymkhana fees	118575.00	Printing & Stationary	16630.00
Laboratory fees	43860.00	Telephone	36519.00
Other fees	147610.00	Travelling & Conveyance	78189.00
T. C. Fees	4900.00	Electricity	153380.00
Ex-student fees	720.00	Repair - Furniture	56729.00
Fine from students	200.00	Miscellaneous Expenses	797213.00
	896220.00	Water charges	1200.00
		Cultural activities	105920.00
To Other Revenue Receipts		Advertisement expenses	41800.00
Bank Interest	128138.00	Reading room exps	8280.00
Cultural activities	3000.00	Library periodicals	2400.00
Annual day	31610.00	Uniform to peons	11105.00
Extension activities	12700.00	Insurance	8412.00
Read Ribbon club	2500.00	Bank commission	2086.50
Univ. Exam.revaluation	8040.00	Washing allowance	2450.00
Magazine contribution	130995.00	Affiliation fees	14000.00
E-charges	11850.00	Annual day expenses	39704.00
Utility fees	149775.00	Extension activities	8323.00
Disaster Relief Fund	5990.00	Laboratory expenses	173381.00
Enrolment fees	55920.00	Generator expenses	14704.50
Sale of I/Lib.cards	30000.00	Principal quarters rent	41024.00
Group Insurance	11915.00	Maint & repair-paid-scity	37755.00
Miscellaneous receipts	745615.00	NSS camp expenses	55219.00
Enrolment forms	2100.00	NSS expenses (Regular)	40272.00
Sports & cultural activis	17895.00	Gymkhana expenses	86384.00
	1348043.00		1905332.00
Total C/fd.....	26995762.35	Total C/fd.....	23473429.00



Self-Study Report - Third Cycle - 2015

DEVRUKH SHIKSHAN PRASARAK MANDAL
 NYA. ATHALYE ARTS, VID. S. R. SAPRE COM. & VIDYARH SCIENCE (SENIOR) COLLEGE DEVRUKH.
 Receipts and Payments Account For The Year Ended 31st March 2011

Receipts	Rs.	Payments	Rs.
Total B/f/d	1318943.00	Total B/f/d	1905322.00
Admission process fee	125110.00	Extra curricular activities	43863.00
V.C.Fund	12060.00	Magazine contribution	109580.00
Project fee	155285.00	E-charges	6910.00
Document verification fee	1175.00	Utility fees	92716.00
Computer practical fee	13100.00	Desister Relief fund	5910.00
E-suvaidha	29850.00	Univ. exam. revaluation	7230.00
Breakares from students	10620.00	Purchase of I/Lib.cards	13378.00
Scholarships & prizes	501.00	Group insurance	11884.00
Sale of admission forms	28600.00	Sports & cultural activit	15581.00
Sale of old newspapers	3088.00	V. C.Fund	13820.00
Advertisement magazine	18050.00	Project fees	112801.00
Seminar & workshop	62800.00	Document verification fee	1175.00
University exam. forms	2290.00	Enrolment fees	60200.00
University cap exps	33600.00	Scholarship & prizes	12155.00
		Purchase of admn. forms	23415.00
		Xith UGC MRP S.V. Fakaikar	4640.00
		Seminars & workshop	63000.00
		University cap exps	55280.00
			2591203.00
To Capital Receipts		By Capital Expenditure	
Development fund	271850.00	Library Books	79638.00
With UGC MRP A.M. Kulkarni	12000.00	Furniture	238917.00
- - N.P. Tendolkar	16197.00	Development fund	88376.00
B. C. Book bank grants	17731.00	Lib. books discounted vale	13990.00
Discount on Lib. books	14990.00	Books-BC book bank grants	17838.00
With UGC MRP S. T. Sankpal	45000.00	With UGC MRP S. T. Sankpal	7617.00
UGC women hostel	455942.00	UGC woman hostel building	510161.00
XII plan UGC IOAC grant	300000.00	UGC Remedial coaching	14700.00
UGC Bldg. (Dev. scheme)	260000.00	XII UGC MRP S.V. Fakaikar	1900.00
UGC Bldg. u/backward area	360000.00	UGC plan UGC conc. cla.eny	21456.00
UGC Bldg. u/enhance sch.	140000.00	UGC Bldg. u/backward area	78557.00
College award	200000.00	UGC Bldg. u/enhance scheme	158383.00
Student welfare fund	29950.00	UGC C. C. course-tours.trrs	9778.00
		XI UGC outdoor complex	2347060.00
		Utility fees	203100.00
		Student welfare fund	48600.00
			19110.00
			3899461.00
To Deposit Receipts		By Deposit Payments	
Caution money	15850.00	Caution money	12902.00
Library deposit	24500.00	Library deposit	1717.00
Ex-student lib. deposit	1000.00	Laboratory deposit	1200.00
Laboratory deposit	7000.00		
			31819.00
To Scholarships		Total C/f/d	29985912.00
GOI scholarships	291069.00		
PTC concession grant	1105.00		
SST concession grant	135.00		
GOI BC SC scholarships	25090.00		
PTC examination fees	1800.00		
Total C/f/d	319289.00	Total C/f/d	31011564.35



DEVRUKH SHIKSHAN PRASARAK MANDAL
 NVA.ATHALYE ARTS,VED. S.R.SAPRE COM.& VIDYATE SCIENCE (SENIOR) COLLEGE DEVRUKH.
 Receipts And Payments account For The Year Ended 31st March 2011Contd.

Receipts	Rs.	Payments	Rs.
Total B/Fd.....	11813977.35	Total B/Fd.....	39196217.50
By Closing Balances			
Cash On Hand			1375.00
SBI 11220726122			289281.81
SBI 11220726609			1790.23
SBI 11220726610			292861.11
SBI 11220726654(Dsp)			1117239.52
Janata Bank 2989			283210.15
Bank of Mah. 1553			631972.00
			2617729.85
Total	11813977.35	Total	11813977.35

Examined and found correct as per the books of account produced to us and information and explanations given to us during the course of our audit.

FOR A. B. BHAGWAT & CO.,
 Chartered Accountants.
 Malhar (Partner)



KOLHAPUR
 Dated :

Self-Study Report – Third Cycle - 2015

DEVBUKH SHIKSHAN PRASARAK MANDAL
 NYA. ATHALYE ARTS, VED. S. R. SAPRE COM. & VIDYUTRE SCIENCE (SENIOR) COLLEGE DEVBUKH.
 Receipts And Payments Account For The Year Ended 31st March 2015

Receipts	Rs.	Payments	Rs.
To Opening Balances	1375.00	By Salaries of Teaching Staff	16140387.00
Cash On Hand		Basic Pay	5797730.00
Cash With Banks	289281.81	Dearness Allowance	7412706.00
SBI 11220726122	1790.23	Housesrent Allowance	648949.00
SBI 11220726609	292861.14	Transport allowance	210680.00
SBI 11220726610	1147239.52	VI Pay arrears	554882.00
SBI 11220726654 (Dep)	283210.15	Salary to CHB teachers	43440.00
Janata Bank 2959	631972.00	Grade pay to teachers	1448000.00
Bank of Mah. 1553	2647729.85	Special pay to principal	24000.00
To Revenue Grants			
Salary Grant	18123481.00	By Salaries of Non-Teaching Staff	3327394.00
NSS Regular grants	39425.00	Basic Pay	1199870.00
NSS camp grant	17690.00	Dearness Allowance	1500643.00
VI Pay arrears-Teachers	554882.00	Housesrent Allowance	146027.00
VI Pay arrears-N.I. Staff	115541.00	Transport allowance	43850.00
Medical reimbursements	61063.00	Medical reimbursement	61063.00
	18912082.00	Grade pay	260400.00
		VI pay arrears	115541.00
To Fees & Fines			
Tuition Fees	440930.00	By Audit Fees	11236.00
Library fees	112890.00	By Other Revenue Expenditure	
Gymkhana fees	113700.00	Postage	14513.00
Other fees	139740.00	Printing & Stationary	50135.00
T.C. fees	4500.00	Telephone	12862.00
Ex student fees	600.00	Travelling & Conveyance	89377.00
Fine from students	1200.00	Electricity	208390.00
Laboratory fees	104175.00	Repair - Furniture	101929.00
Breakage from students	30500.00	Miscellaneous Expenses	77132.00
	948235.00	Water charges	1200.00
		Cultural activities	66897.00
To Other Revenue Receipts		Advertisement expenses	27000.00
Bank Interest	132505.00	Reading room exps	9549.00
Extra curricular a/c	8200.00	Library periodicals	3000.00
Magazine contribution	101175.00	Uniform to peons	3965.00
Utility fees	141250.00	Insurance	7575.00
Sale of I card/Lib. cards	28230.00	Bank commission	7258.50
Group insurance	11325.00	Washing allowance	4300.00
Miscellaneous receipts	5953.00	Affiliation fees	49000.00
Admission process fee	116200.00	Annual day expenses	31600.00
V.C. Fund	11299.00	Extension activities	20752.00
Project fee	187535.00	Laboratory expenses	63698.00
Computer practical fee	78700.00	Laboratory expenses	18734.00
E-Suidha	27800.00	Gas expenses	6174.00
Scholarships & prizes	501.00	Website development exps	45000.00
Sale of admission forms	37650.00	Registration fees YCMOU	113436.00
Sale of old newspaper	7169.00	Principal quarter rent	37755.00
	895492.00	Main & repairs-paid-Scty	
Total C/fd.....	22508046.85	Total C/fd.....	1071231.50 19479017.00



Self-Study Report – Third Cycle - 2015

DEVRUKH SHIKSHAN PRASARAK MANDAL
 NYA.ATHALYE ARTS,VED.S.R.SAPRE COM.& VIDPITRE SCIENCE (SENIOR) COLLEGE DEVRUKH.
 Receipts And Payments Account For The Year Ended 31st March 2015contd.

	Rs.	Rs.	Rs.
Receipts			
Total B/f/d.....	895492.00	22508046.85	1071231.50 19479017.00
Advertisement magazine	13300.00		
University CAP	49800.00		
NAAC seminar	12265.00		
Extension activities	23000.00		
Cultural activities	3000.00		
E-charge	4540.00		
Disaster Relief fund	5645.00		
Sports & cultural act. fee	16610.00		
Univ. exam.revaluation	3130.00		
Annual day	30100.00		
		1056882.00	
To Capital Receipts			
Development fund	279225.00		
College award	50000.00		
B.C.book bank grants	12727.00		
XII UGC GDA(Capital Asset	364000.00		
XII UGC GDA(Recurring grt	156000.00		
UGC Chemistry seminar	144650.00		
UGC Botany Seminar	127950.00		
XI plan UGC book grant	20653.00		
XI plan UGC equipment grt	108000.00		
XI UGC Indoor complex	2800000.00		
XI UGC outdoor complex	1500000.00		
Student welfare fund	28210.00		
Discount on Lib.books	44107.00		
		5735522.00	
To Deposit Receipts			
Caution money	15900.00		
Library deposit	26200.00		
Laboratory deposit	11050.00		
		53150.00	
To Scholarships			
EPC concession grant	1185.00		
PTC concession grant	180.00		
SST concession grant	45.00		
GOI BC SC scholarships	172840.00		
PTC examination fees	2350.00		
SST Exam.fees	600.00		
Ex-servicemen conces.grat	800.00		
National merit scholarship	3000.00		
GOI BC NT scholarships	5875.00		
GOI OBC scholarship	1283204.00		
GOI Sch.Unordered amount	1686683.00		
		29353600.85	
Total C/f/d.....	3156762.00	29353600.85	6618981.86 21696350.50
			2217333.50
By Capital Expenditure			
Books:lib.books	89740.00		
--Lib.books Disc.value	44107.00		
--BC Books Bank grant	17327.00		
--XIUGC Tours & travels	71121.00		
--XIUGC Rem.coaching	32152.00		
-- Entry services	26133.00		
Furn. & equipments	289004.00		
-- Development fund	56400.00		
-- XIUGC GDA(Capital)	293162.86		
-- Tours & travels	290344.00		
-- MRP S.T.Sankpal	27450.00		
-- Library deposit	41850.00		
-- XII IQAC grant	60870.00		
-- Univ.college exam.fee	249894.00		
-- Univ.exam.fee	73080.00		
Building:UGC women hostel	44230.00		
Bldg:XIUGC Indoor complex	2757915.00		
-- Outdoor complex	1911722.00		
-- Development fund	139094.00		
Revenue:Dev.fund	83086.00		
--Caution money Dep.	43630.00		
-- XIUGC Equ.opp.center	6630.00		
		6618981.86	21696350.50



DEVRUKH SHIKSHAN PRASARAK MANDAL
 NYA.ATHALYE ARTS, VED. S. R. SAPRE COM. & VIDYARE SCIENCE (SENIOR) COLLEGE DEVRUKH.
 Receipts And Payments Account For The Year Ended 31st March 2015contd.

Receipts	Rs.	Payments	Rs.
Total B/f/d.	40194266.85	Total B/f/d.	3712980.00
			32854126.36
		D. C. P. scheme	855091.00
		Saraswat Bank loan instal	15000.00
			4583071.00
		By Advance Paid	
		By Amount Remitted	1319875.00
		Univ. exam. form	910.00
		Convocation fees	47500.00
		Seminar & workshop	18065.00
		UGC seminar	4575.00
		University MPP	24437.00
		University exam. fees	307505.00
		Univ. college exam. fees	58750.00
		Enrolment fees	57420.00
		Recovery-salary from staf	2114.00
		Univ. exam. remuneration	13624.00
			1056346.00
		By Closing Balances	
		Cash On Hand	2425.00
		Cash With Banks	
		SBI 11220-726122	91502.95
		SBI 11220-726609	1000.23
		SBI 11220-726610	4000.14
		Janata. Bk. A/c 2333	260068.02
		Bank of Mah. A/c 1553	3406.15
			18446.00
			380848.49
Total	40194266.85	Total	40194266.85

Examined and found correct as per the books of account produced to us and information and explanations given to us during the course of our audit.

FOR R. B. BHAGWAT & CO.,
 Chartered Accountants,

 Maheesh Kurhade
 (Partner)



KOLHAPUR
 Dated : 20 MAY 2015