

# **Annual Report**

**(Year - 2005-06)**

**Internal Quality Assurance Cell  
(IQAC)**

**Submitted by**

**Principal,  
Shri Chhatrapati Shivaji College,  
Omerga,  
Dist. Osmanabad - 413606**

*Bharat Shikshan Sanstha's, Omerga,*  
**Shri Chhatrapati Shivaji College, Omerga**  
*Report of the Internal Quality Assurance Cell (IQAC) 2005-06*

## **PART A**

Sr. No.	Programmes Chalked Out For the Year 2005-06	Outcome achieved in the year 2005-06
1	<p><b>To achieve the goals and objectives of the institution new programmes to be implemented are as follows.</b></p> <p><b>a. Improvement in teaching:</b></p> <p><b>b. Improvement in Learning Abilities:</b></p> <p><b>c. Overall personality development of students:</b></p> <p><b>d. College as resource center for development of community:</b></p>	<p>In addition to the regular teaching aids, the Multimedia and LCD projectors are used. Seminars and Workshops are also arranged to make improvement in teaching.</p> <p>The college has Motivated teachers to attend seminars, conferences, workshops etc.</p> <p>Attempt has been made to develop overall personality of students by organizing Lecture series, seminars, workshops, debate competitions, social awareness programmes etc.</p> <p>With the help of Mobile Research Lab we have collected necessary data for analysis and have developed data bank. The same data is being stored with the SCSCO Knowledge Data Base Center and it is being utilized by the society.</p>
2	<p><b>New academic programmes to be initiated ( UG and PG ):</b>  <b>As per demands of the community, new courses will be implanted.</b></p>	<p>The College has introduced 'Compulsory Computer Awareness Certificate Course' for all UG students.</p>
3	<p><b>Citation index of faculty members and impact factor:</b></p>	<p><b>Work in progress</b></p>

4	<p><b>Details of departments getting SAP, COSIST/DST. FIST, etc. assistance/ recognition:</b></p>	<p>The UGC has awarded the status of “College with Potential for Excellence”. Under this scheme a grant of Rupees 60,00,000/- is awarded to the college.</p> <p>The Utilization of this grant is done for the Year 2004-05 &amp; 2005 &amp; 06 and the certificate of the same is sent to the UGC.</p> <p>Total research grant of Rs.2,88,000/- has been sanctioned under MRP scheme by UGC in the year 2004-05. Teachers are to be motivated to receive research grants from funding agencies.</p>
5	<p><b>Community services:</b> We endeavor to extend our services to community through a “Mobile Research Lab”.</p>	<p><b>We extended our services to community through a “Mobile Research Lab”.</b></p> <p><b>Thrust areas of Activities:</b></p> <p><b>a. Agriculture:</b> Water and Soil analysis, Land use pattern, Storage guidance, Cooperative awareness.</p> <p><b>b. Academic:</b> School-College complex, Science exhibition.</p> <p><b>c. Social:</b> Health hygiene, AIDS awareness, Anti-superstition, National integrity, Gram Swachhata Abhiyan, etc</p>
7	<p><b>Maintain students – staff ratio:</b> We have to maintain the required students – staff ratio by recruiting new staff.</p>	<p>In the academic year 2005-06 college has recruited five lecturers and selection committee made the selection of the teachers.</p> <p>College as laid down by the UGC follows the procedure of the selection committee.</p>
8	<p><b>Improvements in the library services:</b></p>	<p>Computerization of Library has taken place. Data feeding and Indexing of the books and journals is in progress.</p> <p>Total 05 internet terminals are open to students for searching exiting world of internet.</p>

9	<b>New books/journals to be subscribed and their value:</b>	New books/journals subscribed and their total value: Total No. of books & magazines purchased during 2005-06 are 1687 Total purchase price of the books <b>- Rs. 4,56,675/-</b>
10	<b>Increase in the infrastructural facilities:</b>	During 2005-06 the college developed following infrastructural facilities in the campus- Commerce Lab, Tissue Culture Lab, Shed for Mobile research Lab, Internet Hub, Ladies Hostel (Under Construction).
11	<b>Financial aid to students:</b>	College has provided financial aids to poor students from <b>Students Aid Funds.</b> Details are included in the Part B.
12	<b>Improvement in performance in sports activities :</b>	1. College has participated in Intercollegiate Tournaments 2005-06 and some players were selected in University team.
13	<b>To increase student achievements and awards:</b>	Mr .Amol Ghodke (B A I) has got Branz Medal in Walking organized by Maharashtra State Athletics Association.
14	<b>Linkages developed with national/ international, academic/ research bodies:</b>	Linkages developed with national/ international, academic/ research bodies are with Dapoli Krushi Vidhyapith, Dapoli, Dist. Raygad (M.S.), Api culture and Research center, Mahabaleshwar, National wheat Rust Research center, Mahabaleshwar (M.S.), National Environmental Engineering Research Institute, Nagpur (M.S.), Birla Calametals, Aurangabad, Education To Home (ETH) Research Center, Pune, Dishnet Wireless Ltd., Pune, Jain Irrigation System, Jalgoan, RCF Ltd, Mumbai, ADISAN INFOTECH, PUNE.

## **PART B**

### **1. Activities reflecting the goals and objectives of the institution.**

Goals and objectives of our institution are as follows-

- i) Improvement in teaching learning process and quality of students.
- ii) Overall personality development of students.
- iii) College as resource center for development of community.

Several activities reflecting the goals and objectives of the institution have been going on in our college. The following activities are conducted to achieve the above objects during the academic year 2005-06.

**Objective -1.** Improvement of teaching learning process and quality of students.

#### **Activities - Improvement of teaching**

Lecture method of teaching is supplemented by teaching aids along with the following methods.

##### **a) Interactive method -**

- i. **Seminars** – 20 Seminars conducted in each subject by using Audio-Video Aids.
- ii. **Group Discussion** – Two group discussions arranged in each subject.
- iii. **Student Interaction** - UG and PG students are brought on the same platform for free interaction, where PG students guided UG students.

##### **b) Evaluation method –**

- i. **Monthly Test** – 04 Monthly Test Conducted in each subject
- ii. G. K. Competition conducted on 24<sup>th</sup> Jan 2006. 200 students Participated

##### **c) Project Method –**

- i. Students prepare syllabi based project work. In turn the student generate practical knowledge of their subject

##### **d) Field visit and educational tour –**

- i **Visit to Bank** – Fifty Commerce students visited State Bank of Hyderabad, Omurga and State Bank of India, Omurga to study Books of Accounts and regular bank operations

ii **Visit to Industry / Business -**

Thirty seven students of Department of commerce and Industrial Chemistry visited Birla Kenametals Pvt.Ltd. Aurangabad.(on 20-3-2005), S S K Ltd. Killari (on 24-9-2005), Raghvendra Plastics, Gunjoti (on 8-10-2005), Sangola Sut Girni, Sangola (on 11-10-2005), Pepsi Industries Ltd. Roha (on 2-12-2005), Bec, Neelicon Chem. Ltd. Roha (on 3-12-2005), Ipcl, Nagothane (on 4-12-2005), NSAI, Ranjani (on 26-12-2005) and students of Botany at National Chemical Lab. Pune (on 18-10-2005) to study process of production and marketing.

Twenty-five Commerce students visited *Chinchole Group of Industries*, Omerga to study working scenario of small-scale industry. Twenty students visited factorial Business and prepared the project report.

Thirty Eight Botany & Zoology students have visited Biotechnology Center of University of Pune, where they studied the marketing strategy for Tissue Cultured Banana saplings, Condiments, Honeybee Culture Center Mahabaleshwar, etc.

iii **Visit to Historical Place –**

Thirty-five students of Department of Arts, Commerce and Science visited Aurangabad-Ellora-Ajantha-Shirdi, Naldurg Fort Naldurg, Caves of Yellora, Math of Gunjoti, etc.

iv **Visit to Phytogeographically Important Areas –**

Thirty-eight students of Department of Geography visited Ratnagiri-Mahabaleshwar-Satara to conduct phytogeographical study and survey of the soil and mountain patterns.

v **Visit to Botanical garden –**

Total 38 students of Department of Botany have visited Botanical Gardens on 5-1-06 to 8-1-06 at Pune University and forests near the Bhimashankar to study the forests and plant wealth in the region.

vi **Visit to Information Technology Centers –**

Total 40 students of Department of Computer have visited IT centers at Pune on 21-1-06 to 26-1-06 and studied the recent advancements in the field of computers and Information Technology.

**Activities - Improvement in Learning Abilities**

Teacher as learner is always motivated to update his / her knowledge by attending Seminars / Conferences, Workshops, Orientation and Refresher Courses and acquiring higher education such as NET/ SET, M. Phil, Ph. D., etc. In the academic year 2004-2005 the teachers have attended following such programmes and some of them have achieved higher qualification.

<b>Name of the Program</b>	<b>Total No. of programs Attended/Qualified</b>
Seminar/Conference	83
Workshop	12
Orientation	02
Refresher	01
M. Phil	00
Ph. D.	01
NET/ SET	02
MS-CIT	15

**Objective ii - Overall personality development of students.**

**Activities**

Supplementary programs are conducted for overall personality development of students during the academic year 2005-06 such as -

1. Tatyraoji More Inter-collegiate Debate Competition. - 28 Dec.2005
2. Essay Competition- 26<sup>th</sup> July 2005
3. Elocution Competition – 9<sup>th</sup> Augaast 2005
4. Marathi and Hindi Poetry Reading Competition – 14 Sept. 2005
5. Self Governing Day 27<sup>th</sup> January 2006
6. General Knowledge Competition – 26 Jan. 2005
7. Late Shridharraoji More Lecture Series – 04 – 06 Oct. 2004
8. Rangoli Competition - 26-1-2006

9. Preparation of Jams & Jellies under Skill Development Program on 24-1-2006
10. Social Awareness Programs through NSS and NCC -
11. Lectures on Personality Development - Frequently – as per availability of the Speaker
12. Handwriting Improvement training- Every 4<sup>th</sup> Sunday of the month
13. Spoken English Classes – Every Sunday
14. Guest lectures on various Topics are as follows –

**Invited Lectures**

1. Shingte B.B. Pune	Chemistry	8-9-2005
2. Ingle R.M. Nagothane	Ind. Chemistry	29-12-05
3. Dr. V. Suryawanshi Parbhani	Sociology	2-1-2006
4. Dr. R.N. Sirsat, Goa	Chemistry	5-2-2006
5. Dr. S.T. Gaikwad, Latur	Sociology	16-1-06
6. V.R. Kulkarni, Solapur	Marathi	6-2-06
7. Dr. P. Lulekar, Aurangabad	Marathi	13-2-06
8. Dr. S. Jogdand, Pune	Botany	20-2-06
9. Dr. H. B. Rathod, Udgir	Geography	17-2-06
10. K.M. Bakwad, Osmanabad	Comp. Sci.	25-1-06

There were three units of hundred students each with one programme officer. Dr. D V Mane, Dr. Sanjay Aswale and Ms. Laturkar are the programme officer of these three units.

**July - 2005**

**18** -One Day NSS Orientation for NSS Volunteers By Dr. Mane & Dr. Aswale

**26** -Lecture on 'Ideal king Shree Shhu Maharaj'-Prof. C B Birajdar

**August - 2005**

09 – Celebration of Freedom Fighter on the Occasion of Kranti Din

14 – College cleanliness one day Camp – 150 NSS volunteers were participated

15 – Tree Plantation Programme by the auspicious hands of Hon Shivajirao More President BSS on the occasion of Republic day. Volunteers planted 50 plants.



### **September – 2005**

05 – NSS celebrated teacher day by conducting essay competition

17 - Elocution Competition on the occasion of *Martathwada Mukti Din*

### **October - 2005**

02 – Debate Competition on ‘Do we have the Democracy that was in the dream of Mahatama Gandhi?’. on the occasion of Gandhi Jayanti was held. The competition session chaired by Dr. S N Aswale , 22 Students expressed their positive and negative views.

16 to 20 – District leadership Camp organized in our college for NSS volunteers of the Osmanabad district. Five NSS volunteers with one Programme officer of each college of the Osmanabad district were participated.

### **November - 2005**

20 – Survey of adopt village conducted with 50 NSS Volunteers.

### **December - 2005**

Celebration of Aids Week, Aids Awareness rally was organized on the first day of Aids week, Poster display, Rangoli Competition and Road shows were organized by NSS Volunteers

17-26 – Ten Day NSS Special Camp held At Ashta Jahangir of omerga tahasil. On the special theme of “**Youth for Disaster Management**”. 150 NSS volunteers, 10 Lecturers with programme officers contributed to success the camp.

### **January – 2006**

12 – *Vyasanmukti Abhiyan* organized on the occasion of the *Yuvak Din*. 100 NSS volunteers were participated and inspired 25 people to take oath of free from Chewing Guthka or Tobacco and other drug addicts.

### **Objective iii - College as resource center for development of community.**

#### **Activities**

With the support of teacher and students the syllabus related aspects are selected for applying the knowledge to the community development such as

1. Agro-consultancy Services to farmers for plant diseases by Dept of Botany
2. Socio- Economic surveys for detecting QoL by dept. of Commerce on 14 April 2005
3. VAT Awareness Program by Dept. Of Commerce at Makani village 14 April 2005
4. Soil and Water analysis as per demand by farmer/ Villagers by department of Geography and Chemistry
5. Animal Health Camp at Ashtha (Jahangir) by NSS Unit on 25 Dec. 2005
6. Farmers Meet (Shetkari Melava) at Ashtha (Jahangir) by NSS Unit on 26 Dec. 2004
7. UGC Sponsored National Level Seminar on Indian Literature by Dept. Of Hindi on 17 and 18 March 2006 open for all.

All the above activities are conducted with the help of a **Mobile Research lab** purchased by the college, worth Rs. 1500000/- .

#### **2. New academic programmes initiated ( UG and PG )**

Three month Diploma course in IT –N. M. More

The College has introduced '**IT Application**' as an additional optional subject for PG Commerce students

#### **3. Innovations in curricular design and transaction**

Curricular design is framed by university bodies.

#### **4. Inter - disciplinary programmes started**

As an interdisciplinary approach, *Spoken English* and *Computer Maintenance* programmes have been started from the academic year 2004-05

#### **5. Total number of seminars/ workshop Conducted**

**Seminar** U.G.C. sponsored National Seminar on '**Bhartiya Sahitya**' held on 17<sup>th</sup> – 18<sup>th</sup> March 2005.

**Workshop (1)**– U.G.C. and C.P.E. Cell, S.C.S. College. Omrga sponsored workshop on ‘Preperation for SET and NET examinations’ held on 15-1-2006.

Benefited Students: 40

## 6. Research Projects:

a) Research Projects Newly Implemented (2004 – 05 and 2005 – 06)

Sr. No.	Name of the teacher	Funding agency	Amount (Rs.)	Duration (Years)	Collaboration if any
1	Mr. S. N. Aswale	UGC, WRO PUNE	45,000/-	2	-
2	Dr. C. V. Pawar	UGC, WRO PUNE	35,000/-	2	-
3	Mr. C. B. Birajdar	UGC, WRO PUNE	20,000/-	2	-
4	Dr. D. B. Gambhire	UGC, WRO PUNE	25,000/-	2	-
5	Mr. H. N. Rede	UGC, WRO PUNE	20,000/-	2	-
6	Dr. G. B. Mane	UGC, WRO PUNE	30,000/-	2	-
7	Dr. G. H. Jadhav	UGC, WRO PUNE	65,000/-	2	-
8	Dr. V. D. Devarkar	UGC, WRO PUNE	48,000/-	2	-

b) Research Projects Completed

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Sr. No.	Name of the teacher	Funding agency	Amount (Rs.)	Duration (Years)	Collaboration if any
1	Dr. S. B. Jogdand	UGC, WRO PUNE	44,000/-	2	-
2	Dr. V. S. Ingle	UGC, WRO PUNE	50,000/-	2	-
3	Dr. D. V. Mane	UGC, WRO PUNE	37,000/-	2	-
4	Dr. R. K. Pardesi	UGC, WRO PUNE	36,000/-	-	-
5	Dr. P. S. Mane	UGC, WRO PUNE	50,000/-	2	-
6	Dr. D. S. Birajdar	UGC, WRO PUNE	27,000/-	2	-
7	Dr. N.M. More	UGC, WRO PUNE	30,000/-	2	-

**7. Details of research scholar:**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Subject</b>	<b>Year of Regstn.</b>	<b>Name of Guide</b>
1	G. S. More	Botany	July 2000	Dr. S. B. Jogdand
2	P. B. Bhongade	Botany	July 2000	Dr. S. B. Jogdand
3	N. L. Gaikwad	Botany	July 2000	Dr. S. B. Jogdand
4	P. M. Jawalgekar	Botany	July 2000	Dr. S. B. Jogdand
5	M. D. Salunke	Botany	July 2000	Dr. S. B. Jogdand
7	M. K. Mankanikar	Chemistry	Dec. 2002	Dr. N. D. Shinde
8	Suresh Jadhav	Chemistry	Dec. 2002	Dr. N. D. Shinde
9	N. S. Jogdand	Chemistry	July 2000	Dr. D. V. Mane
10	M. M. Langade	Chemistry	July 2000	Dr. D. V. Mane
11	A. S. More	Chemistry	July 2000	Dr. D. V. Mane
12	S. S. Sawant	Chemistry	July 2001	Dr. D. V. Mane
13	Mr. Chandravanshi	Chemistry	July 1999	Dr. V. D. Kulkarni
14	V. N. Patange	Chemistry	Dec. 2004	Dr. B. R. Arbad
15	S. M. Salunke	Chemistry	Dec. 2004	Dr. P. S. Mane
16	B. S. More	Chemistry	Dec. 2004	Dr. P. S. Mane
17	A. M. Chougule	Chemistry	Dec. 2004	Dr. P. S. Mane
18	S. V. Sonavane	Commerce	July 2001	Dr. S. A. Wadikar
19	P. P. Desarda	Commerce	July 2001	Dr. S. A. Wadikar
20	L. B. Bagal	Commerce	Dec. 2001	Dr. S. A. Wadikar
21	V. N. Hissal	Economics	Jan 2004	Dr. S. K Mankar
<b>Ph.D. Submitted</b>				
22	V. S .Suryavanshi	Chemistry	Dec. 2002	Dr. N. D. Shinde
<b>Ph.D. Awarded</b>				
1	S. N. Aswale	Commerce	July 2002	Dr. S. A. Wadikar
2	K. S. Lohar	Chemistry	Dec. 2002	Dr. N. D. Shinde
3	MR. Chavan	Commerce	July 2002	Dr. S. A. Wadikar
4	Mr. Kathar	Commerce	July 2002	Dr. S. A. Wadikar

## **Citation index of faculty members and impact factor:**

### **Preparation under progress**

#### **8. Honors/Awards to the faculty:**

**Dr. V. D. Devarkar**, President – Indian Society of Analytical Scientists (Omurga Chapter) BARC, Mumbai.

#### **9. Internal resources generated:**

Self funded Courses run by the college such as Computer and Post graduate courses in Chemistry, Commerce, Physics, Marathi, Hindi, History, Sociology, Geography and Political Science.

#### **10. Details of departments getting SAP, COSIST/DST. FIST, etc. assistance/ recognition:**

1. The college has been listed by University Grants Commission, New Delhi, as “**College with Potential for Excellence**”. Under this scheme a grant of Rupees 60,00,000/- is awarded to the college.
2. Botany Department has been awarded financial assistance for improvement of facilities in Botanical Garden to facilitate *ex situ* conservation of rare plants. Under this scheme a grant of Rupees 7,78,000/- is awarded to the college.

#### **11. Community services:**

We extended our services to community through a “**Mobile Research Lab**”.

Our Bharat Shikshan Sanstha has provided a Mobile Research Lab to avail the opportunity of fieldwork to our students. They are learning the practical application of their knowledge and as they work in connection with community, the community is being benefited by necessary information in their day-to-day life. This Mobile Lab is helping in collecting necessary data for analysis. Such data is being processed in college labs and results are being carried to the beneficiaries. The same data is being stored with the SCSCO Knowledge Data Base Center and it will be ever utilized in the future.

The vehicle is serving many other purposes such as educational Exhibitions, industrial visits, visit to certain spots etc. Such activities will surely help our college in gaining more practical knowledge.

### Thrust areas of Activities

- a) **Agriculture** : Water and soil analysis, Land-Crop use pattern, Storage guidance, Cooperative awareness
- b) **Academic** : School-College complex, Science exhibition

Under school College Complex, college students and staff have visited the below mentioned schools where they have shown various interesting experiments of Science, Books, Practicals, etc.

#### Benefited Schools

#### Benefited Students

1.S.B.Highschool, Jewali Tq-Lohara	60
2. Bharat Vidyalaya, Omerga	70
3. Mahatma Basweshwar, Omerga	50
4. Z.P.Highschool, Omerga	50

- c) **Social** : Health hygiene, AIDS awareness, Anti-superstition, National integrity

The required apparatus for collecting and processing the necessary data at fieldwork are purchased under the CPE scheme.

### 12. Teachers and officers newly recruited:

In the academic year 2004-2005 college recruited Five lecturers and the selection of the teachers was made by selection committee. College as laid down by the UGC followed the procedure of the selection committee. The list of recruited lecturers is as follows.

1 Mr. Suryawanshi V. S.	Chemistry	Full Time
2 Mr. Patil N. G.	Chemistry	Full Time
3 Dr. Biradar S. R.	Botany	Full Time
4 Mr. Survase S. M.	Chemistry	Contract Basis
5 Mr. Chalukya B. V.	Librarian	Contract Basis

### 13. Teaching – Non-teaching ratio

Teaching Staff	- 55
Non-teaching Staff	- 91
Ratio	- 1:1.65

### 14. Improvements in the library services:

Computerization of Library has taken place. Data feeding and Indexing of the books and journals is in progress. Total 05 internet terminals are open to students for searching exiting world of internet.

**15. New books/journals subscribed and their value:**

Total No. of books purchased during 2005-06	- 1573
Total purchase price of the books	- Rs. 4,15,408/-
Total No. of Magazines purchased during 2004-05	- 114
Total purchase price of the Magzines	- Rs. 41,267/-

**16. Unit cost of education:**

No. of Students	- 1699
Total expenditure	- Rs. 2,32,95,990/-
Unit cost of education	- Rs. 13,711/-

**17. Computerization of administration and the process of admissions and examination results, issue of certificates –**

The college has provided sufficient computers for office administration. The software of the office administration is developed by Software House Aurangabad. It covers all the office needs. The following modules are included in the software.

- 1 Admission
- 2 Fees and Scholarship
- 3 Accounting
- 4 Examinations
- 5 T. C. and Certificates

Thus the office work has been computerized.

**18. Increase in the infrastructural facilities**

During 2005-06 the college has developed following infrastructural facilities in the campus-

- 1- Ladies Hostel (Under Construction)

**19. Technology upgradation:**

Through the CPE scheme the following upgradation have been brought about.

- a) Computerization of Library

- b) Interlinking of college departments through computer network (LAN)
- c) Office Automation
- d) Intercom Connectivity for all departments.

**20. Computer and internet access and training to teachers and students:**

Internet access is being provided to all the students. A special computer-training program has been arranged for students and staff.

**Financial aid to students :** College has provided financial aids to poor students from **Students Aid Funds** for concession in College fees, books, University Exam. Fees etc. College also provides scholarship to the Scholar students.

**21. Activities and support from the alumni association –**

Dr. Preashant Baburao More has sponsored Conference Bags for the National conference on *Bhartiya Sahitya* held on 17-18 January 2006.

**22. Health services –**

- 1. Free Blood Group Checking Camp by NSS Unit
- 2. Free Diet management Camp by Health Care Center
- 3. Health Management through Yoga & Pranayam

**23. Performance in sports activities –**

The college has participated in the sports activities sponsored by the Dr. B A M University. These games are as follows :

- 1. Ball Badminton
- 2. Foot Ball
- 3. Chess
- 4. Wrestling
- 5. Athletics

The better performance of college Badminton team earned Runnership at **University Level Competition.**

In Athletics also our students are on remarkable ranks :

- 1. 100 mt Running                      First
- 2. 200 mt Running                      First
- 3. 100x400 mt Relay                      First
- 4. 400x400 mt Relay                      Second





4. NSS and NCC units of the college have undertaken a large number of community services along with training to students in Discipline and Combat Practices such as AIDS and Environment Awareness drives, Health and Hygiene Awareness Campaigns, Medical Camps, Adult Education and Literacy programs, Blood Donation Camps, Women Empowerment, Personality Development and Leadership Training.
5. College encourages participation of students in cultural activities under the guidance from the Fine Arts Association. This year 35 students had participated in Youth Festival 2006 at Tuljapur.
6. The college imparts Value Based Education by starting the Monday Assembly (Prayer and Patriotic Songs) to inculcate moral and spiritual values.
7. Many teaching faculties provide Financial Assistance to economically backward students.

**27. Linkages developed with national / international, academic/ research bodies:**

- a) Botany and Zoology departments have established linkages with Dapoli Krushi Vidhyapith, Dapoli, Dist. Raygad (M.S.) in connection with study of medicinal plants. Similarly the same departments have established linkages with Api culture and Research center, Mahabaleshwar and National wheat Rust Research center, Mahabaleshwar (M.S.).
- b) Botany department has established linkage with National Environmental Engeneering research Institute, Nagpur (M.S.).
- c) Botany department has established linkage with Department of Biotechnology, Pune University, Pune.
- d) Birla Calametal, Aurangabad.
- e) Education To Home (ETH) Research Center, Pune.
- f) Dishnet Wireless Ltd., Pune.
- g) Jain Irrigation System, Jalgoan.
- h) RCF Ltd, Mumbai.
- i) Adisan Infotech, Pune.

## PART C

Sr. No.	Programmes chalked out for the year 2006-07	Implementation strategy
1	To achieve the goals and objectives of the institution new programmes to be implemented are as follows.	
	<b>a. Improvement in teaching:</b>	In addition to the regular teaching aids, the Multimedia and LCD projectors will be used. Study material will be placed on Local Internet Network and that can be surfed by the students through network internet hub.
	<b>b. Improvement in Learning Abilities:</b>	Teachers will be motivated to attend seminars, conferences, workshops etc. they will be appointed on various committees for improvement in learning abilities by experiences.
	<b>c. Overall personality development of students:</b>	Lecture series of experts will be organized. Seminars and workshops will also be organized.
	<b>d. College as resource center for development of community:</b>	With use of the Mobile Lab various practical works will be carried out at nearby villages and the collected data will be stored with the SCSCO Knowledge Data Base Center for further use in the future. Consultancy services by various departments will be launched to promote interactions between Society and College.
2	<b>New academic programmes to be initiated ( UG and PG ):</b>	As per demands of the community, new courses will be implanted.
3	<b>Citation index of faculty members and impact factor:</b>	Implementation of Citation Index and Impact factor will be done
4	<b>Details of departments getting SAP, COSIST/DST. FIST, etc. assistance/ recognition:</b>	Teachers are to be motivated to receive research grants from various funding agencies.

5	<p><b>Community services:</b> We have to extend our services to community through a “Mobile Research Lab”.</p>	<p>We will extend our services to community through the “<b>Mobile Research Lab</b>”.</p> <p><b>Thrust areas of Activities:</b></p> <p><b>a. Agriculture:</b> Water and Soil analysis, Land use pattern, Storage guidance, Cooperative awareness.</p> <p><b>b. Academic:</b> School-College complex, Science exhibition.</p> <p><b>c. Social:</b> Health hygiene, AIDS awareness, Anti-superstition, National integrity.</p>
6	<p><b>Maintain students – staff ratio:</b></p>	<p>We are to maintain the required students – staff ratio by recruiting new staff.</p>
7	<p><b>Improvements in the library services:</b></p>	<p>Digitalization of library services will be completed. Students can surf the availability of books, they can demand or reserve the book through local internet, etc</p>
8	<p><b>New books/journals to be subscribed and their value:</b></p>	<p>New books/journals will be subscribed as per the requirement of the new syllabus.</p>
9	<p><b>Increase in the infrastructural facilities:</b></p>	<p>Construction of <b>Green House</b> will be completed under the scheme of Ministry of Environment and Forests by Department of botany</p>
10	<p><b>Improvement in performance in sports activities :</b></p>	<p>Special attempt will be made to improve performance in sports.</p>
11	<p><b>To increase student achievements and awards:</b></p>	<p>Special attempt will be made to increase student achievements and awards by offering experts coaching.</p>
12	<p><b>Linkages developed with national/international, academic/ research bodies:</b></p>	<p>Teachers will be motivated to develop national and international linkages.</p>

Name and Signature of the Coordinator, Name and Signature of the Chairperson,

Dr. Sanjay Aswale

IQAC

Dr. N. D. Shinde

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