

# **Annual Report**

**(Year - 2006-07)**

**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) 2006-07*

## PART A

Sr. No.	Programmes Chalked Out For the Year 2006-07	Outcome achieved in the year 2006-07
1	<p>To achieve the goals and objectives of the institution new programmes to be implemented are as follows.</p> <p><b>a. Improvement in teaching:</b></p>	<p>Improvement in teaching is achieved by using Interactive method, Evaluation method, Project Method, Field visit and Educational tour.</p>
	<p><b>b. Improvement in Learning Abilities:</b></p>	<p>The college has Motivated teachers to attend seminars, conferences, workshops etc.</p>
	<p><b>c. Overall personality development of students:</b></p>	<p>Attempt has been made to develop overall personality of students by organizing seminars, workshops, debate competitions, social awareness programmes etc.</p>
	<p><b>d. College as resource center for development of community:</b></p>	<p>Bharat Shikshan Sanstha has provided a Mobile Research Lab to avail the opportunity of fieldwork to our students. They are learning the practical application 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. The same data is being stored with the SCSCO Knowledge Data Base Center and it will be ever utilized in the feature.</p>
2	<p><b>New academic programmes to be initiated ( UG and PG ):</b></p>	<p>Certificate Course in Journalism, Sales Representative and Spoken and Communication in English are started in collaboration with Adult Education and Continuing Education Dr. B. A. M. University Aurangabad</p>
3	<p><b>Citation index of faculty members and impact factor:</b></p>	<p>In Progress</p>

5	<p><b>Details of departments getting SAP, COSIST/DST. FIST, etc. assistance/recognition:</b></p> <p>Teachers are to be motivated to receive research grants from funding agencies.</p>	-----
6	<p><b>Community services:</b></p> <p>We have to extend our services to community through a “Mobile Research Lab”.</p>	<p>We extended our services to community through a “Mobile Research Lab”.</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>
7	<p><b>Maintain students – staff ratio:</b></p> <p>.</p>	<p>We have to maintain the required students – staff ratio by recruiting new staff</p>
8	<p><b>Improvements in the library services:</b></p>	<p>Additional Books and Journals were subscribed to enrich the library</p>
9	<p><b>New books/journals to be subscribed and their value:</b></p>	<p>New books/journals subscribed and their total value: Total No. of books purchased during 2006-07 are - <b>1299</b>  Total purchase price of the books  - <b>Rs. 4,87,676.80/-</b>  Total No. of Magazines purchased during 2006-07 are - <b>122</b>  Total purchase price of the Magazines  - <b>Rs. 50799</b></p>
10	<p><b>Increase in the infrastructural facilities:</b></p>	<p>During 2006-07 the college has taken the steps for modernization of Science Laboratory</p>
11	<p><b>Financial aid to students:</b></p>	<p>College has provided financial aids to poor students from <b>Students Aid Funds.</b></p>
12	<p><b>Improvement in performance in sports activities :</b></p>	<p>College has participated in Aswamedh Intercollegiate Tournaments 2006-07 in Ball-Badminton, Chess, Wrestling and Athletics. Ball Badminton Team of our College has got Second Prize in the University Intercollegiate Ball badminton Competition held at Kannad participated in</p>

13	<b>To increase student achievements and awards:</b>	<ol style="list-style-type: none"> <li>1. Mr. Shivaji Chavan, Ratnadeep Birajdar, Amol Ghodake were selected in Athletic team of Dr. Babasaheb Ambedkar Marathwada University Aurangabad for Inter-University Athletic Competition at Turuvanantpuram.</li> <li>2. Jeevan Sonkamble and Vijay Sunnure, Mahesh Suryawanshi, Laxman Kharatmol etc. were selected in University Ball Badminton team</li> <li>3. Amol Ghodke won the Branz medal at 20 km. Walking competition organized by Maharashtra association</li> <li>4. Two NSS volunteers has participated in District Level NSS Leadership Camp at Indore.</li> </ol>
14	<b>Linkages developed with national/international, academic/ research bodies:</b>	<p>Linkages developed with national/international, academic/ research bodies are with</p> <p>Dapoli Krushi Vidhyapith, Dapoli, Dist. Raygad (M.S.),  Api culture and Research center, Mahabaleshwar,  National wheat Rust Research center, Mahabaleshwar(M.S.),  National Environmental Engeneering 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.</p>

## **PART B**

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

Goals and objectives of our institution are as follows-

- i) Improvement of 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 conducted to achieve the above objects during the academic year 2006-07

#### **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 –**

<b>Place</b>	<b>Period</b>	<b>No. of students Participated</b>	<b>Achievement</b>
Nagrals Tal – Omerga	02.09.2006	32	1) Village can participate in Competition of District Swachhata Abhiyan 2) Students can understand how to collect and analyze the data 3) Students enriched with the practical knowledge of their subject 4) Chemistry students got knowledge about the factory processes 5) The social problems and the need of the society recognized by the students 6) Personality of the students is developed due to interaction with society, institutions and officials 7) Students are acquainted with the research study 8) Geographical surveys conducted by the students 9) To aware the various computer courses among the students of the computer department.. 10) Botany students studied the forest and ecosystem in Omerga taluka, 11) Zoology students collected various types of animals, fishes and insects
Dalimb Tal- Omerga	26.11.2006	40	
MIDC Area of Omerga,	23 .11. 2006	45	
Chaurasta Area Omerga	24 .11.2006	45	
State Bank of India Omerga	19.12. 2006	65	
Panchayat Samiti Omerga.	05 01.2007	40	
Vitthalsai Sugar Factory Murum	23-24 <sup>th</sup> Jan 2007	45	
Datta Cooperative Sugar Factory Shirol Kolhapur	25.01. 2007	34	
Melting Point Kushire Kolhapur	26.01. 2007	34	
Shahu Institute and Business Research Kolhapur	26.01. 2007	34	
I.T. Insitutes in Pune	19-22 Feb. 2007	27	
Raigad- Ratnagiri- Kolhapur- Mahabaleshwar	25-28 <sup>th</sup> Feb 2007	40	
Amrut Kund, Jakkekur and Makni Dam and Chndakpur	27 <sup>th</sup> Feb 2007	20	

**Activities - Improvement in Learning Abilities**

Teacher as learner is always motivated to update their 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 2006-2007 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	16
Workshop	02
Orientation	01
Refresher	01
M. Phil	00
Ph. D.	00
NET/ SET	-
MS-CIT	02

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

#### Activities -----

Supplementary programs are conducted for overall personality development of students during the academic year 2006-07 such as ----

1. Essay Competition- 26<sup>th</sup> July 2006
2. Elocution Competition – 15<sup>th</sup> August 2006
3. Poem Reading Competition – 14 Sept. 2006
4. Late Shridharraoji More Lecture Series – 04 – 06 Oct. 2006
5. Social Awareness Programs through NSS and NCC in Various villages of Omerga taluka
6. Lectures on Personality Development - Frequently – as per availability of the Speaker
7. Workshop on skill development programmes like preparation of jam and jelly, etc.
8. Career guidance one day camp on 26<sup>th</sup> November 2006
9. Guest lectures on Banking and Finance – 04 Oct. 2006
10. Tatyaraoji More Intercollegiate Debate Competition. - 31 Dec.2006
11. General Knowledge Competition – 05<sup>th</sup> Jan. 2007
12. Self Governing Day 12 Jan. 2007
13. Rangoli Competition - 02 Feb. 2007

### **Objective iii - College as Resource Center for Development of Community.**

#### **Activities --**

- 1) 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 Quality of life by dept. of Commerce
  3. Soil and Water analysis as per demand by farmer/ Villagers
  4. NSS students help in the Gram Swachhata Abhiyan conducted by Panchayat samiti in Omerga taluka. 02 villages were runner up in the competition.

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

Nil

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

Curricular design is framed by university bodies.

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

As an interdisciplinary approach, MPSC, NET, SET, Banking etc. competitive guidance is conducted on every Sunday under the guidance Dr. Sanjay Aswale

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

National Level Seminar – Conducted by department of Hindi

#### **6. Research Projects:**

##### **a) Research Projects Newly Implemented**

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<b>Sr. No.</b>	<b>Name of the teacher</b>	<b>Funding agency</b>	<b>Amount (Rs.)</b>	<b>Duration (Years)</b>	<b>Collaboration if any</b>
1	Dr. V. D. Devarkar	Ministry of Environment and	7,78,000/-	03	-
2	Dr. H. N. Rede	UGC, WRO PUNE	20,000	02	
3	Mr. B. K. Labade	-----	65000	02	--



**Research Projects Completed**

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Sr. No.	Name of the teacher	Funding agency	Amount (Rs.)	Duration (Years)	Collaboration if any
1	Dr. G. H. Jadhav	UGR, WRO Pune	65000	2 yrs	-
2	Dr. N. M. More	UGR, WRO Pune	45000	2 yrs	

**7. Details of research scholar:**

Sr. No.	Name of Student	Subject	Year of Registration.	Name of Guide
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
6	G. H. Rathod	Botany	July 1999	Dr. S. B. Jogdand
8	M. K. Mankanikar	Chemistry	Dec. 2002	Dr. N. D. Shinde
9	Suresh Jadhav	Chemistry	Dec. 2002	Dr. N. D. Shinde
10	N. S. Jogdand	Chemistry	July 2000	Dr. D. V. Mane
11	M. M. Langade	Chemistry	July 2000	Dr. D. V. Mane
12	A. S. More	Chemistry	July 2000	Dr. D. V. Mane
13	S. S. Sawant	Chemistry	July 2001	Dr. D. V. Mane
14	Mr. Chandravanshi	Chemistry	July 1999	Dr. V. D. Kulkarni
16	S. M. Salunke	Chemistry	Dec. 2004	Dr. P. S. Mane
17	B. S. More	Chemistry	Dec. 2004	Dr. P. S. Mane
18	A. M. Chougule	Chemistry	Dec. 2004	Dr. P. S. Mane
19	S. V. Sonavane	Commerce	July 2001	Dr. S. A. Wadikar
20	P. P. Desarda	Commerce	July 2001	Dr. S. A. Wadikar
21	L. B. Bagal	Commerce	Dec. 2001	Dr. S. A. Wadikar
22	S. N. Aswale	Commerce	July 2002	Dr. S. A. Wadikar
23	MR. Chavan	Commerce	July 2002	Dr. S. A. Wadikar
24	Mr. Kathar	Commerce	July 2002	Dr. S. A. Wadikar
25	V. N. Hissal	Economics	2005	Dr. S. K Mankar
26	V. N. Patange	Chemistry	2005	Dr. B. R. Arbad
27	V. S. Suryavanshi	Chemistry	2002	Dr. N. D. Shinde
28	Birajdar C.B	Marathi	2005	Dr. Kamlakar Kamble

**8 Citation index of faculty members and impact factor:** - Preparation under progress

**9 Honors/Awards to the faculty:** ----

**10 Internal resources generated:**

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

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

The UGC has sanctioned 88 lakhs to develop the Science laboratories

**12 Community services:**

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

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

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.

**8. Teachers and officers newly recruited:**

In the academic year 2006-2007 college recruited Five lecturers and the selection of the teachers were 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. S. M. Survase.	- Chemistry	Full Time
2 Mr. Y. S. Handibag	- English	Full Time
3 Mr. C. D. Kare	- English	Full Time
4 Mr. Y. D. Mane	- Chemistry	Full Time
5 Mr. D. V. Bondre	- Chemistry	Full Time
6 Mr. A. D. Deshmukh	- Political Science	Full Time
7 Mr. S. S. Sawant	- Physics	Full Time

**9. Teaching – Non-teaching ratio**

Teaching Staff	- 51
Non-teaching Staff	- 91
Ratio	0.56 : 1

**10. Improvements in the library services:**

Computerization of Library has been 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.

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

Total No. of books purchased during 2006-07	- 1299/-
Total purchase price of the books	- Rs. 4,87,676.80/-
Total No. of Magazines purchased during 2006-07	- 122
Total purchase price of the Magzines	- Rs. 50790/-

**12. Unit cost of education:**

No. of Students - 2787

Total expenditure - Rs.

Unit cost of education – Rs.

**13. 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 Dishnet Wireless Pune of Dr. Vijay Bhatkar. 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 is computerized and Receipts, Results, Certificates etc. are being generated by computers.

**14. Increase in the infrastructural facilities**

During 2006-07 the college has developed following infrastructural facilities in the campus-

1. Commerce Lab
2. Shed for Mobile research Lab
3. Internet Hub
4. Ladies Hostel (Under Construction)

**15. Technology upgradation:**

Through the CPE scheme following upgradation in technology is done.

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

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

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

### **17. 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.

### **18 Activities and support from the alumni association –**

### **19 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

### **20 Performance in sports activities –**

1. College has participated in Aswamedh Intercollegiate Tournaments 2006-07 and were selected in University team.

1 Mr. Kale Anant and Gaikwad Abhijit has selected in Basketball team of Dr. Babasaheb Ambedkar Marathwada University Aurangabad.

2 NCC Cadet Mr. Janwale S .S has selected for Basic Leadership Thalasena Camp, Delhi as a representative of Maharashtra State.

3 NCC CUO Mr. Mayanale Dhanraj has participated in Republic day Parade Delhi from Maharashtra

### **18. Student achievements and awards-**

1 NCC Cadet Mr. Janwale S .S has selected for Basic Leadership Thalasena Camp, Delhi as a representative of Maharashtra State.

2 Two NSS volunteers has participated in State Level NSS Leadership Camp at Indore.

### **19. Development programmes for Non-teaching staff**

1. Internet access & computer-training program is being arranged for Non-teaching staff.
2. Non-teaching staff is being encouraged to complete MS-CIT course.

### **20. Healthy practices of the institutions**

1. The college extended its area wise outreach programs in Omerga-Lohara Taluka to give larger cover for solving problems of the community and students with the help of Mobile Research Lab.
2. 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.

3. College encourages participation of students in cultural activities under the guidance from the Fine Arts Association. This year 15 students were participated in Youth Festival 2006 at Aurangabad.
4. Many teaching faculties provide Financial Assistance to economically backward students.

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

- a) Dapoli Krushi Vidhyapith, Dapoli, Dist. Raygad (M.S.)
- b) National Environmental Engineering research Institute, Nagpur (M.S.).
- c) Birla Calametals, Aurangabad.
- d) Education To Home (ETH) Research Center, Pune.
- e) Dishnet Wireless Ltd., Pune.
- f) Jain Irrigation System, Jalgoan.
- g) RCF Ltd, Mumbai.
- h) ADISAN INFOTECH, PUNE.

## PART C

Sr. No.	Programmes chalked out for the year 2007-08	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.
	<b>b. Improvement in Learning Abilities:</b>	Teachers will be motivated teachers to attend seminars, conferences, workshops etc.
	<b>c. Overall personality development of students:</b>	As usual the seminars, workshops, debate competitions; social awareness programmes etc. will be organized in the academic year. In addition to that a lecture series of experts will be organized.
	<b>d. College as resource center for development of community:</b>	Various Programmes related to community benefit will be organized in the next academic year like – Surveys, Project work, Soil and water analysis, Lecture Series to awareness of people of the society etc.
2	<b>New academic programmes to be initiated ( UG and PG ):</b>	As per demands of the community, new courses will be implemented.
3	<b>Citation index of faculty members and impact factor:</b>	To implement the citation index.
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	<b>Community services:</b> We have to extend our services to community through a “Mobile Research Lab”.	We will extend our services to community through the “ <b>Mobile Research Lab</b> ”. <b>Thrust areas of Activities:</b> <b>a. Agriculture:</b> Water and Soil analysis, Land use pattern, Storage guidance, Cooperative awareness. <b>b. Academic:</b> School-College complex, Science exhibition. <b>c. Social:</b> Health hygiene, AIDS awareness, Anti-superstition, National

		integrity.
6	<b>Maintain students – staff ratio:</b>	We have to maintain the required students – staff ratio by recruiting new staff.
7	<b>Improvements in the library services:</b>	Computerization of Library
8	<b>New books/journals to be subscribed and their value:</b>	New books/journals will be subscribed as per the requirement of the new syllabus.
9	<b>Increase in the infrastructural facilities:</b>	Commerce Lab will be modernize And Science Laboratories will be enriched with instrument
10	<b>Improvement in performance in sports activities :</b>	Special attempt will be made to improve performance in sports by organizing University inter colleges competition
11	<b>To increase student achievements and awards:</b>	Special attempt will be made to increase student achievements and awards by offering experts coaching.
12	<b>Linkages developed with national/international, academic/ research bodies:</b>	Teachers will be motivated to develop national and international linkages.

**Name and Signature of the Coordinator,**

**Dr. Sanjay Aswale**

**IQAC**

**Name and Signature of the Chairperson,**

**Dr. N. D. Shinde**

**QAC**