

Annual Report

(Year - 2007-08)

**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) 2007-08

PART A

Sr. No.	Programmes Chalked Out For the Year 2007-08	Outcome achieved in the year 2007-08
1	<p>To achieve the goals and objectives of the institution new programmes to be implemented are as follows.</p> <p>a. Improvement in teaching:</p>	Improvement in teaching is achieved by using Interactive method, Evaluation method, Project Method, Field visit and Educational tour.
	b. Improvement in Learning Abilities:	The college has Motivated teachers to attend seminars, conferences, workshops etc.
	c. Overall personality development of students:	Attempt has been made to develop overall personality of students by organizing seminars, workshops, debate competitions, social awareness programmes etc.
	d. College as resource center for development of community:	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.
2	New academic programmes to be initiated (UG and PG):	The Proposal is sent for the self funded course BCS.
3	Citation index of faculty members and impact factor:	In Progress
5	<p>Details of departments getting SAP, COSIST/DST. FIST, etc. assistance/ recognition:</p> <p>Teachers are to be motivated to receive research grants from funding agencies.</p>	Total research grant of worth Rs.78,000/- has been sanctioned under DST and also UGC sanctioned 40 Lakh in the year 2007-08

6	<p>Community services: 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>Thrust areas of Activities:</p> <p>a. Agriculture: Water and Soil analysis, Land use pattern, Storage guidance, Cooperative awareness.</p> <p>b. Academic: School-College complex, Science exhibition.</p> <p>c. Social: Health hygiene, AIDS awareness, Anti-superstition, National integrity.</p>
7	<p>Maintain students – staff ratio: We have to maintain the required students – staff ratio by recruiting new staff.</p>	<p>In the academic year 2007-2008 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.</p>
8	<p>Improvements in the library services:</p>	<p>Additional Books and Journals were subscribed to enrich the library</p>
9	<p>New books/journals to be subscribed and their value:</p>	<p>New books/journals subscribed and their total value: Total No. of books purchased during 2007-08 are 1913 Total purchase price of the books - Rs. 4,94,014</p> <p>Total No. of Magazines purchased during 2007-08 are 100 Total purchase price of the Magzines - Rs.45113/</p>
10	<p>Increase in the infrastructural facilities:</p>	<p>During 2007-08 the college has taken the steps for modernization of Science Laboratory</p>
11	<p>Financial aid to students:</p>	<p>College has provided financial aids to poor students from Students Aid Funds. Details are included in the Part B.</p>
12	<p>Improvement in performance in sports activities :</p>	<p>College has participated in Aswamedh Intercollegiate Tournaments 2007-08 and Sudesh Rathod Got Third Prize in Relay - 5000 and 1000</p>

13	To increase student achievements and awards:	<ol style="list-style-type: none"> 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 4. Two NSS volunteers has participated in District Level NSS Leadership Camp at Indore.
14	Linkages developed with national/ international, academic/ research bodies:	<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 2007-08

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 5th Jan 2008. 145 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 Panchayat Samiti Omerga –

Sixty students of the commerce department visited Panchayat Samiti Omerga to know the Rural development Programmes and its process implementation

ii Visit to Industry / Business

Students of the Commerce department visited to Sugar factories and industries in Western Maharashtra on 22-27th January 2008

- vi Thirty students of Department of Botany and Zoology have visited to Ganpatipule and Mahabaleshwar for Botanical exploration and research Institutes in Goa.
- vii Thirty three students of M.Sc. Organic Chemistry has visited NCL, Pune

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 2008-2009 the teachers have attended following such programmes and some of them have achieved higher qualification.

Name of the Program	Total No. of programs Attended/Qualified
Seminar/Conference	17
Workshop	03
Orientation	00
Refresher	01
M. Phil-	01
Ph. D.	--
NET/ SET	-
MS-CIT	01

Objective ii - Overall personality development of students.

Activities -----

Supplementary programs are conducted for overall personality development of students during the academic year 2007-08 such as ----

1. Tatyaraoji More Intercollegiate Debate Competition. - 31 Dec.2007
2. Social Justice Day Exhibition – 26th July 2007
3. Marathi and Hindi Poem Reading Competition – 14 Sept. 2007
4. 2nd October – Non Violence day Rally organized in collaboration with Rotary Club Omega and Omega Trader Association
5. Late Shridharraoji More Lecture Series – 04 – 06 Oct. 2007
6. Social Awareness Programs through NSS and NCC -
7. Skill Development programme for women is organized

8. Various Guest lectures organized
9. General Knowledge Competition – 05th Jan. 2008
10. Self Governing Day 12 Jan. 2008

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 Quality of life by dept. of Commerce
3. Soil and Water analysis as per demand by farmer/ Villagers

2. New academic programmes initiated (UG and PG)

The college has Started BCS course at UG level from the academic year 2007-08

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

Candidates qualified : NET/SET/GATE etc. – Total Candidates qualified - 03

5. Total number of seminars/ workshop Conducted

---- Nil --

6. Research Projects:

- a) Research Projects Newly Implemented --

Sr. No.	Name of the teacher	Funding agency	Amount (Rs.)	Duration (Years)	Collaboration if any
2	Dr. V. N. Patange	-----“-----	110000	2	--

- b) Research Projects Completed --

Sr. No.	Name of the teacher	Funding agency	Amount (Rs.)	Duration (Years)	Collaboration if any
1	Dr. Sanjay Aswale	UGC	40,000	02	--

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	V. N. Hissal	Economics	2005	Dr. S. K Mankar
23	V. N. Patange	Chemistry	2005	Dr. B. R. Arbad
24	V. S. Suryavanshi	Chemistry	2002	Dr. N. D. Shinde
25	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:

- 1) President of Bharat Shikshan Sanstha Omerga Hon. Shivajirao More honored with “ Rashtriya Vikasratna Award ” on 10th January 2008

2) Head department of Commerce Dr. Sanjay Aswale is honored with Pratibha Samman Award on 15th November 2007

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.

13. Teachers and officers newly recruited:

In the academic year 2004-2005 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. A. S. Ashte	- Commerce	Full Time
2 Mr. S. P. Pasarkalle	- Marathi	Full Time

14. Teaching – Non-teaching ratio

Teaching Staff	- 50
Non-teaching Staff	- 89
Ratio	- 0.56 : 1

15. 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.

16. New books/journals subscribed and their value:

Total No. of books purchased during 2007-08	- 1913
Total purchase price of the books	- Rs. 4,94,014/-
Total No. of Magazines purchased during 2007-08	- 100
Total purchase price of the Magazines	- Rs. 45,113

17. Unit cost of education:

No. of Students	- 2331
Total expenditure	- Rs.
Unit cost of education	- Rs.

18. 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 is computerized and Receipts, Results, Certificates etc. are being generated by computers.

19. Increase in the infrastructural facilities

During 2007-08 the college has developed following infrastructural facilities in the campus-

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

20. 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.

21. 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.

22. 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.

23. Activities and support from the alumni association –

Nil

24. Health services –

1. Free Blood Group Checking Camp by NSS Unit
2. Maternal Mortality Awareness programme and Free HB check up camp organized in the villages of Korali, Ekondi and Naichakur in collaboration with Raotary International and Shri Shri Ravi Shankar Institute.

3. Health Management through Yoga & Pranayam

25. Performance in sports activities –

1. College has participated in Aswamedh Intercollegiate Tournaments 2007-08 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

26. 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.

27. 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.

28. 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 2008 at Aurangabad.
4. Many teaching faculties provide Financial Assistance to economically backward students.

29. 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.	
	a. Improvement in teaching:	In addition to the regular teaching aids, the Multimedia and LCD projectors will be used.
	b. Improvement in Learning Abilities:	Teachers will be motivated teachers to attend seminars, conferences, workshops etc.
	c. Overall personality development of students:	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.
	d. College as resource center for development of community:	Socio-economic Surveys and various programmes to awareness of people of the society will organized
2	New academic programmes to be initiated (UG and PG):	As per demands of the community, new courses will be implemented like BCS
3	Citation index of faculty members and impact factor:	To implement the citation index.
4	Details of departments getting SAP, COSIST/DST. FIST, etc. assistance/ recognition:	Teachers are to be motivated to receive research grants from various funding agencies.
5	Community services: We have to extend our services to community through a “Mobile Research Lab”.	We will extend our services to community through the “ Mobile Research Lab ”. Thrust areas of Activities:

		<p>a. Agriculture: Water and Soil analysis, Land use pattern, Storage guidance, Cooperative awareness.</p> <p>b. Academic: School-College complex, Science exhibition.</p> <p>c. Social: Health hygiene, AIDS awareness, Anti-superstition, National integrity.</p>
6	Maintain students – staff ratio:	We have to maintain the required students – staff ratio by recruiting new staff.
7	Improvements in the library services:	Computerization of Library has been taken place. Data feeding and Indexing of the books will be completed in the current year.
8	New books/journals to be subscribed and their value:	New books/journals will be subscribed as per the requirement of the new syllabus.
9	Increase in the infrastructural facilities:	To install instruments in the Science laboratories for the research purpose in the academic year 2008-09
10	Improvement in performance in sports activities :	Special attempt will be made to improve performance in sports by students participation in the University inter colleges competition
11	To increase student achievements and awards:	Special attempt will be made to increase student achievements and awards by offering experts coaching.
12	Linkages developed with national/international, academic/ research bodies:	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

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