

Annual Report

(Year - 2008-09)

**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) 2008-09

PART A

Sr. No.	Programmes Chalked Out For the Year 2008-09	Outcome achieved in the year 2008-09
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>	<p>Improvement in teaching is achieved by using Interactive method, Evaluation method, Project Method, Field visit and Educational tour.</p>
	<p>b. Improvement in Learning Abilities:</p>	<p>The college has Motivated teachers to attend seminars, conferences, workshops etc.</p>
	<p>c. Overall personality development of students:</p>	<p>Attempt has been made to develop overall personality of students by organizing seminars, workshops, debate competitions, social awareness programmes etc.</p>
	<p>d. College as resource center for development of community:</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>New academic programmes to be initiated (UG and PG): Following job oriented course is started at UG level in the academic year 2008-09. - Bachlor of Computer Science (BCS)</p>	<p>The self funded course BCS is started as a need of the students</p>
3	<p>Citation index of faculty members and impact factor:</p>	<p>In Progress</p>

5	Details of departments getting SAP, COSIST/DST. FIST, etc. assistance/recognition:	Total research grant of worth Rs.78,000/- has been sanctioned under DST and also UGC sanctioned 88 Lakh in the year 2008-09
6	Community services:	We extended our services to community through a "Mobile Research Lab". Thrust areas of Activities: a. Agriculture: Water and Soil analysis, Land use pattern, Storage guidance, Cooperative awareness. b. Academic: School-College complex, Science exhibition. c. Social: Health hygiene, AIDS awareness, Anti-superstition, National integrity.
7	Maintain students – staff ratio: We have to maintain the required students – staff ratio by recruiting new staff.	In the academic year 2008-2009 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.
8	Improvements in the library services:	Additional Books and Journals were subscribed to enrich the library
9	New books/journals to be subscribed and their value:	New books/journals subscribed and their total value: Total No. of books purchased during 2009-08 are 1475 Total purchase price of the books - Rs. 539263/- Total No. of Magazines purchased during 2008-09 are 104 Total purchase price of the Magzines - Rs. 49120/
10	Increase in the infrastructural facilities:	During 2008-09 the college has taken the steps for modernization of Science Laboratory
11	Financial aid to students:	College has provided financial aids to poor students from Students Aid Funds . Details are included in the Part B.

12	Improvement in performance in sports activities :	College has participated in Aswamedh Intercollegiate Tournaments 2008-09 and Sudesh Rathod Got Third Prize in Relay - 5000 and 1000
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>Fishery Survey of India 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 2008-09

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 2009. 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**

Thirty two students of Department of commerce and Science participated in the International seminar organized by Abeda Inamdar College Omerga 15-17th February 2009.

iii Students of the Commerce department also visited to Horticulture plant at Talegaon Dabhod.

iv Thirty five students of the Industrial Chemistry has participated in the National Seminar on “Recent advances in Chemical Kinetics, Coordination and nono Chemistry” organized by Shahu College Latur on 23-24th Jan 2009

v Visit to Balaji Amins Tamalwadi Tal Tuljapur by department of Chemistry on 27-28th Feb 2009

vi Thirty students of Department of Botany and Zoology have visited to Ratnagiri Sawantwadi and Goa for Botanical exploration and research Institutes in Goa.

vii Thirty three students of M.Sc. Organic Chemistry has visited NCL pune on 2nd February 2009

viii Forty students of department of Geography visited to Kolhapur Ratnagiri and Goa to study coastal features and work of sea wave

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	16
Workshop	03
Orientation	03
Refresher	01
M. Phil –	02
Ph. D.	03
NET/ SET	-
MS-CIT	00

Objective ii - Overall personality development of students.

Activities -----

Supplementary programs are conducted for overall personality development of students during the academic year 2008-09 such as ----

1. Tatyaraoji More Intercollegiate Debate Competition. - 31 Dec.2008
2. Essay Competition- 09 Aug. 2008
3. Elocution Competition – 26July 2008
4. Marathi and Hindi Poem Reading Competition – 14 Sept. 2008
5. Late Shridharraoji More Lecture Series – 04 – 06 Oct. 2008
6. Rangoli Competition - 07 Dec. 2008
7. Social Awareness Programs through NSS and NCC -
8. Lectures on Personality Development - Frequently – as per availability of the Speaker
9. Memory Development techniques – 28 Sept. 2008
10. Handwriting Improvement training- Every 4th Sunday of the month
11. Guest lectures on Banking and Finance – 04 Oct. 2008
12. General Knowledge Competition – 05th Jan. 2009
13. Self Governing Day 12 Jan. 2009

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 on 16th August 2008
3. Soil and Water analysis as per demand by farmer/ Villagers
4. Consumer Cooperative day celebrated on 18th November 2008
5. UGC Sponsored State Level Seminar on NANO Technology by Dept. of Chemistry open for all. On 6th October 2008
6. Department of Zoology Organized Two days Exhibition on Marine Fisheries 1000 students from the Omerga taluka has got benefit during 29-30th September 2008
7. Students of Basveshwar Vidyalay Omerga Visited to Chemistry Laboratory for the experiment purpose.

2. New academic programmes initiated (UG and PG)

The college has Started BCS course at UG level from the academic year 2008-09

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

Seminar (1) – State Level Seminar on NANO technology by Physics Department on 6th October 2008

(2) – Two Days Exhibition on Marine Fisheries on 29-30th September 2008 by Zoology Department

6. Research Projects:

a) Research Projects Newly Implemented --

Sr. No.	Name of the teacher	Funding agency	Amount (Rs.)	Duration (Years)	Collaboration if any
1					-
2					

b) Research Projects Completed --

Sr. No.	Name of the teacher	Funding agency	Amount (Rs.)	Duration (Years)	Collaboration if any

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	K. B. Lengare	Commerce	Dec. 2008	Dr. Sanjay Aswale
23	Anil Jadhav	Commerce	Dec 2008	Dr. Sanjay Aswale
24	Ajit Ashte	Commerce	Dec 2008	Dr. Sanjay Aswale
25	S G Birajdar	Commerce	Dec 2008	Dr. Sanjay Aswale
26	Shridevi Ajila	Commerce	April 2009	Dr. Sanjay Aswale
Ph.D. Thesis/ Final Synopsis Submitted/ Awarded				
1	V. N. Hissal	Economics	Submitted in 2008	Dr. S. K Mankar
2	Dr. V. N. Patange	Chemistry	Awarded in 2008	Dr. B. R. Arbad
3	Dr. V. S. Suryavanshi	Chemistry	Awarded in 2008	Dr. N. D. Shinde
4	Dr. Birajdar C.B	Marathi	Awarded in 2008	Dr.Kamlakar Kamble

8. Citation index of faculty members and impact factor:

Preparation under progress

9. Honors/Awards to the faculty:

Dr. Sanjay Aswale got Third Prize in Research Paper Competition organized by Dr. B. A.M, University Aurangabad for lecturers in Marathwada.

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. Dhoble D B. - Political Science Full Time

Teaching – Non-teaching ratio

Teaching Staff - 57
Non-teaching Staff - 91
Ratio - **0.626 : 1**

14. 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.

15. New books/journals subscribed and their value:

Total No. of books purchased during 2008-09 - **1475**
Total purchase price of the books - **Rs. 5,39,263/-**
Total No. of Magazines purchased during 2008-09 - **104**
Total purchase price of the Magazines - **Rs. 49,120**

16. Unit cost of education:

No. of Students - 2437
Total expenditure - Rs. 4,77,31,151/-
Unit cost of education – Rs. 19,586.028

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

18. Increase in the infrastructural facilities

During 2008-09 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)

19. 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.

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 is being arranged for students and staff.

21. 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. How many students? Give details.

22. Activities and support from the alumni association –

Hon. Ravindra Gaikwad, alumni of the college and present MLA, has financially supported the State Level Conference ‘ Total Quality Management for Survival’ by offering Executive Conference Bags to all the delegates worth Rs. 30,000/-

23. 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

24. Performance in sports activities –

1. College has participated in Aswamedh Intercollegiate Tournaments 2008-09 and were selected in University team. (Include name of the players).

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

25. Student achievements and awards-

1 B. Com Student Sudarshan Mali has got National award on Kick Boxing

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

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

26. 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.

27. 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.

28. 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 2009-10	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:	Various Programmes related to community benefit will be organized in the next academic year like – Cooperative Mela, Blood Donation Camp, Lecture Series to awareness of people of the society and Science Exhibition etc.
2	New academic programmes to be initiated (UG and PG):	As per demands of the community, new courses will be implemented.
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 will extend our services to community through the “ Mobile Research Lab ”. Thrust areas of Activities: a. Agriculture: Water and Soil analysis, Land use pattern, Storage guidance, Cooperative awareness. b. Academic: School-College complex, Science exhibition. c. Social: Health hygiene, AIDS awareness, Anti-superstition, National integrity.
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:	Science laboratories will be modernized in the academic year 2009-10.
10	Improvement in performance in sports activities :	Special attempt will be made to improve performance in sports by organizing 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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