

Shrikrishna Shikshan Sanstha's

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

Tq. Omerga Dist. Osmanabad. (M.S.)



Annual Quality Assurance Report

(AQAR)
2008-2009

Submitted to
NAAC Bangalore

By
Dr. D.R. Mane
Principal

Shrikrishna Mahavidyalaya, Gunjoti

Tq.Omerga, Dist.Osmanabad

Composition of Internal Quality Assurance Cell.

Sr. No.	Name	Position
1.	Dr. D.R. Mane	Chairperson
2.	Dr. R.N. Shaiwale	Management Representative
3.	Dr. D.B. Patange	Management Representative
4.	Dr. N.V. Suryawanshi	Local Society Representative
5.	Mr. Arunkumar Renke	Local Society Representative
6.	Dr. K.S. Lohar	Teacher Representative
7.	Dr. D.M. Pathan	Teacher Representative
8.	Mr. P.G. Choudhari	Teacher Representative
9.	Dr. A.M. Chisti	Ladies Representative
10.	Mr. H.S. Bhosale	Teacher Representative
11.	Mr. M.T. Suryawanshi	Teacher Representative
12.	Mr. B.E. Konale	Teacher Representative
13.	Mr. N.J. Pawar	Teacher Representative
14.	Mr. A.R. Kaldate	Librarian
15.	Mr. J.A. Nanware	Teacher Representative
16.	Mr. Y.A. Vijapure	Teacher Representative
17.	Mr. V.B. Patange	Administrative Representative
18.	Mr. S.R. Chougule	Technical Assistant
19.	Mr. D.R. Kulkarni	Co-ordinator

NAME OF INSTITUTION:

SHRIKRISHNA MAHAVIDYALAYA, GUNJOTI.

TQ. OMERGA DIST. OSMANABAD (M.S.) 413 613.

REPORT OF THE YEAR- 2008-2009.

AQAR (2008-09)

PART-A: Action plan of IQAC

The Board of management of Shrikrishna Shikshan Sanstha and Internal Quality Assurance Cell of the Shrikrishna Mahavidyalaya have decided to focus on:

1. To run new Career Oriented Courses. : **Women Development and Foods and Nutrition introduced newly.**
2. To organize Seminars/Conferences in Botany and Marathi. : **Proposals submitted to the UGC**
3. Computerization of office. : **Completed**
4. Extension of ladies hostel building. : **Proposal approved by UGC and extension is initiated.**
5. Extension of existing laboratories. : **-**
6. To promote faculty for Research activity : **85.00% of the faculty members are already engaged in research activity. Others are also encouraged to involve in the research.**
7. To increase sports and gymkhana facility. : **Separate Gym facilities have been established.**
8. To develop botanical garden. : **Proposal is in progress.**
9. To improve extension activities. : **NSS unit Earn and Learn scheme and cultural activity group is strengthened to improve extension activity.**

10. To start innovative P.G. Diploma course in : **Proposal submitted to UGC.**
Forensic Science.
11. To recognize physics, chemistry and : **Recognition of Physics laboratory**
zoology laboratories for research. **for research work has been**
initiated.
12. To propose a plan for separate : **Separate library building is**
administrative, library building and boy's **proposed under UGC XIth plan.**
hostel.
13. Formulation of career guidance and : **Separate grants are proposed**
placement cell. **under college development scheme**
of UGC.
14. Departmental Computer facilities. : **Being initiated.**

PART B:

- 1) Activities reflecting goals and objectives of the institution :
 - i. To provide higher education to students from backward class especially girls.
 - ii. To inculcate civic responsibilities and social awareness among students through extra curricular activities.
 - iii. To identify and improve the potential in culture, sports and work to uplift them.
 - iv. To work for all-round personality development of the students.
- 2) Introduced three year integrated degree course in **Computer Science** and PG courses in the subject **Bio-chemistry** and **Computer Science**. College has submitted proposals to Dr. B.A.M. University for approval and is planning to propose for new UG course **B.C.A.**, P.G. course in **M.A. Geography** and **M.Sc. Mathematics**. Following career oriented courses have been introduced.
 - i. Foods and nutrition
 - ii. Woman development

- 3) Three faculty members **Dr. D.R. Mane** (Physics), **Mr. H.S. Bhosale** (Maths), **Dr. G.B. Patil** (History) of college contributing in framing the curriculum in the capacity of **Member of Board of Studies**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S).

Contributions by **Dr. D.R. Mane** (Principal) in the academic development and management of university in the capacity of **Dean, Faculty of Science** and **Member of Management Council**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S) are considerable.

Dr.G.B.Patil, Head of History Dept. of the college has joined as a **principal at Saraswati College**. Kaij,Dist.Beed.

Faculty members of the college contribute to the university work under the positions such as **subject experts, Academic auditors, affiliation committee chairman, members, examiners, moderators and paper setters**.

- 4) **Miss.A.M.Chisti** from Marathi Department awarded **Doctoral Degree** by S.R.T.M. University, Nanded.
- 5) Number of teachers: Permanent: **25** and on probation :0 **2**.
- 6) The students strength is as under :
- | Female | Male | Total |
|------------|------------|------------|
| 182 | 364 | 657 |
- 7) Unit cost of the institution: For the academic year 2008-09:Rs. **18868.65/-**.
- 8) Physics and Marathi departments organized One day workshop.

Name of Subject	Title	Date	Funding Agency
Physics Workshop	“Curriculum Design and Development in B.Sc. Physics”	24 th Feb 2009	Dr.B.A.M.University, Aurangabad
Marathi Department	“Dr.Babasaheb Ambedkar Vyakhanmala”	24 th Jan 2009	Dr.B.A.M.University, Aurangabad

9) **Research projects :**

UGC(WRO) has sanctioned major/minor research projects to the following faculty members of the college.

Sr. No.	Name of Faculty	Name of Title	Amount Sanctioned	UGC Letter No.
1.	Dr.D.R. Mane	Major project “Study of structural physico-chemical properties of some nano-crystalline spinnels prepared by auto-combustion method”	7,60,500/-	35-15/2008 dt.25 March 2009
2.	Dr.D.M. Pathan	“Studies on diversity of cestode parasites of gallus gallus domesticus from Osmanabad district Maharashtra”	1,10,000/-	47-594/2008 dt. 2 Feb. 2009
3.	Dr.S.M. Patange	“Magnetic study of some nanocrystalline spinel ferrites prepared by novel chemical route”	1,60,000/-	47-727/08 dt.6 th March 2009
4.	Mr.V.S. Hogade	1)Extraction and purification of organic compounds from medicinal plants 2)Extraction and purification of organic compounds from medicinal plants	1,70,000/- 15,000/-	47-530/08 Jan.2009 BCUD Dr.B.A.M.Univer sity Aurangabad 6023-25 Dt 18-03-2009
5.	Mr.M.T. Suryawanshi	“Socio economic development of Laman society”	80,000/-	23-1069/2009 dt. 28 Aug. 2009
6.	Mr.G.M.Rathod	Investigations of fungal micro-flora of some leafy vegetables	10,000/-	BCUD Dr.B.A.M.Univer sity Aurangabad 6023-25 Dt 18-03-2009
7.	Mr.J.A. Nannaware	A Note on Matrix division	10,000/-	BCUD Dr.B.A.M.Univer sity Aurangabad 6023-25 Dt 18-03-2009
8.	Mr.D.R. Kulkarni	Metal chelates as potential seed germinators	15,000/-	BCUD Dr.B.A.M.Univer sity Aurangabad 6023-25 Dt 18-03-2009

10) **Mr.J.A.Nanware** Awarded M.Phil. programme from Aligappa University.

Mr.P.S. Raut Completed **M.Phil programme** from Tilak Maharashtra Open University, Pune.

11) Physics dept. of the college is being **recognized as a research centre**.

12) **Research Papers, books Published/Presented by the Faculty :**

1) Dr.D.R.Mane :

- i) Presented a paper on “Effective atomic number and mass attenuation coefficient measurements for Ni-Zn ferrite system in the energy range 0.662 MeV to 1.33 MeV” in international conference on Multifunctional oxide materials on 16th to 18th April 2009 at H.P. University, Simla.
- ii) Presented a paper on “Effect of nanomagnetic trivalent Al³⁺ substitution on the structural and magnetic properties of copper ferrites” in international conference on Multifunctional oxide materials on 16th to 18th April 2009 at H.P. University, Simla.

2) Dr.D.M.Pathan :

- i) “On a new species of the Gangesia shridharroch n.s.p. from channa straitus”, in Nat. Journal of Life Sciences. Vol.05 (03) 2008.
- ii) “Occurrence of new tapeworm, circumoncobothrium mangalbai from Mastacembelus armatus”.in Nat.Jur. of Life Sciences Vol.05 (03) 2008..

3) Dr.B.J.Ugale .

- i) “Biodiversity of Terrestrial Scorpion In Osmanabad Dist.(M.S.) India” Journal of Flora and Fauna. paper accepted for publication
- ii) “A Study of Malarial Parasite, Disease Of Rural People with Reference to Some Special Villages: Omerga Tal. (M.S.) India” Journal of Flora and Fauna. . paper accepted for publication
- iii) “Biodiversity and Seasonal Fluctuations of Zooplanktons in Jagatunga Samudra Reservoir, Kandhar, Dist. Nanded (M.S.)” Journal of Microbiology Bio-Tech. & Env.paper communicated for publication

4) Dr. S.M.Patange :

- i) Structural investigations and magnetic properties of cobalt ferrite nanoparticles prepared by sol-gel auto combustion method in “solid state communication” Vol. 147-2008.
- ii) Cation distribution by Rietveld, Spectral and magnetic studies of Chromium substituted nickel ferrites in “Journal Applied Physics A” Vol. 95-2009.
- iii) Electrical and magnetic properties of Cr^{3+} substituted nanocrystalline nickel ferrite in “Journal of Applied Physics” Vol.106-2009.
- iv) Structural properties and cation distribution of Co-Zn nano ferrites. Paper accepted for publication in “Int. Journal of Modern Physics B”.
- v) Physico-chemical, structural and electrical studies of Cu-Zn ferrites synthesized by novel chemical route. Paper accepted for publication “Int.Journal of Modern Physics B”.
- vi) A new approach to synthesize nanoparticles of $\text{Co}_{0.6} \text{Zn}_{0.4} \text{Fe}_2\text{O}_4$ ferrite and its Dielectric Study. Paper accepted for publication “Journal of Bionano Frontier”.
- vii) Structure refinement by Rietveld method and switching properties of Ni-Cr ferrites. Paper communicated to “Journal of Current Applied Physics A”.
- viii) Site Occupancies of $\text{NiFe}_{2-x} \text{C}_{1x}\text{O}_4$ ferrite by XRD, Magnetization and Mössbauer Methods communicated to “Journal of Material Science”.

5) Dr.K.S. Lohar:

- i) Physico-chemical, structural and electrical studies of Cu-Zn ferrites synthesized by novel chemical route. Paper accepted for publication “Int.Journal of Modern Physics B”.

- ii) A new approach to synthesize nanoparticles of $\text{Co}_{0.6} \text{Zn}_{0.4} \text{Fe}_2\text{O}_4$ ferrite and its Dielectric Study. Paper accepted for publication “Journal of Bionano Frontier”.

6) Mr.D.R.Kulkarni :

- i) Published paper entitled “Influence of varying periods of fermentation on mineral contents of the selected” in the journal of “Indian Journal of Nutrition and Dietetics” Vol.46.P.185.2009.

7) Mr.B.E.Konale :

- i) “Lokyadna National Bulletin” in month of Jan, Feb, Mar. 2009 entitled “Dinkar Ke Kavya Me Dalit Pidit Shoshito Ka Chitran”.
- ii) “Himiyati National Bulletin” in month of Mar. 2009 entitled “Dinkar Ke Kavya Me Dalit Pidit Shoshito Ka Chitran”.

8) Dr.R.H.Kadam

- i) Presented a paper on “Effective atomic number and mass attenuation coefficient measurements for Ni-Zn ferrite system in the energy range 0.662 MeV to 1.33 MeV” in international conference on Multifunctional oxide materials on 16th to 18th April 2009 at H.P. University , Simla.
- ii) Presented a paper on “Effect of nanomagnetic trivalent Al^{3+} substitution on the structural and magnetic properties of copper ferrites” in international conference on Multifunctional oxide materials on 16th to 18th April 2009 at H.P. University, Simla.

9) Mr.S.S.Badodkar

- i) “Warkari Panthatil Muslim Santanche Yogdan” published in Warkari Visheshank.
- ii) Reviewed a book entitled “Adhunik Maharashtra Itihas” written by Dr.Anil Kathare and Mrs. Vijaya Sakhare published by Kalpana Prakashan, Nanded

- 13) The faculty members Mr. D.R. Kulkarni (**submitted thesis**) entitled “**Study of Some Selected Heterocyclic Transition Metal Chelates**”, Mr.B.E. Konale “**Swatantryottar Hindi Upanyaso mei Dalit Chtrankan**” Mr M.C. Khot “**Samajik Chetana Ke Pariprekshya mei Raghuv eer Sahay Ka Rachana Sansar**” Mr. M.T. Suryawanshi “ **Impact of Irrigation on Agriculture in Drought Prone Area (A Geographical study of Beed District in Marathawada region)**” (**submitted final synopsis**) for award of doctoral degree.
- 14) The details of Research grants sanctioned is as under :

Sr. No.	Scheme	Name of Agency	Amount sanctioned
1.	Major/Minor Research Projects	UGC	2,85,000.00
2.	Research Projects	Dr.B.A.M.University	50,000/-

- 15) Development grants sanctioned from various agencies.

Sr. No.	Name of Scheme	Funding Agency	Amount Received
1.	Career Oriented Program (Women Development)	UGC	5,00,600.00
2.	Women’s Hostel Building Extension of present hostel.	UGC	15,00,000.00
3.	Remedial coaching	UGC	3,98,000
4.	College Development grants	UGC	3,87,029.00
5.	Workshop Grants	BCUD	20,000

- 16) Ratio of teaching to non-teaching staff is **32 : 19**
- 17) Percentage of classes taught by full time faculty is **81.25**
- 18) Number of teaching staff that have attended seminars/conferences/ workshops :
 State Level – **03** **National levels - 10** International level - **05**
- 19) No. of teachers participated in Refresher/orientation programs : **02**
- 20) Percentage of teachers involved in active research is increased from **66.6** to **85.0**.

- 21) The no. of teachers registered for part time research leading to Ph.D. degree is **05**.
- 22) No of teachers deputed for research leading to Ph.D under F.D.P. Scheme of UGC: **02**.
- 23) No of teachers registered for M.Phil Degree are **03**.
- 24) No. of research projects completed :**02**
- 25) Library :
- a) Working days of library : **289**
 - b) Library is kept open on all working days, except Sundays & holidays.
 - c) Working hours of library: **(8 hours) 9.00 am to 5.00 pm.**
Night library: 7.00 pm to 11.00 pm. (in second term only)

Expenditure on text books, periodicals, Journals, Reference books & Stacking etc.

	2006-2007 current year		2007-2008 current year		2008-2009 current year	
Text books	217	40,895.00	-		-	
Other books	2135	5,69,814.00	545	77,391.00	1230	357857.00
Journals/ Periodicals			44	14,896.00	0	0
Stacking			0		05	61400.00
Total				92,287.00		4,19,257.00

Library provides following services free of cost to the students:

- i. Home lending service.
- ii. Reference service.
- iii. Current awareness service.
- iv. Reprographic services.
- v. Night library
- vi. Non-book materials i.e. CDs & cassettes:**55**
- vii. Back volumes of journals and periodicals: **259**
- viii. Audio visual resources : **06**

ix. To provide reprographic services.

Total No of books in library as on 31/03/2009.	10770
Total No. of periodicals / Journals subscribed.	27+36 = 63
Total No. of books added in the library in this year.	1230
Amount – spent on the purchase of books.	Rs. 357857/-

Subject wise library collections & expenditure as on dated 31 March 2009.

Sr. No.	Subjects	Total Books	Amount in Rs.
1.	Marathi	2715	213996
2.	Hindi	1240	98792
3.	English	733	114079
4.	History	920	142416
5.	Sociology	103	7905
6.	Geography	646	110872
7.	Political Science	579	86700
8.	Public administration	22	1560
9.	Education	8	330
10.	Physics	653	142661
11.	Chemistry	624	169815
12.	Bio-Chemistry	7	2140
13.	Micro-Biology	5	2070
14.	Botany	614	126926
15.	Zoology	424	128608
16.	Mathematics	624	169815
17.	Computer Science	334	101565
18.	Environmental Science	69	13899
19.	Food Science	53	34580
20.	Seed Technology	28	20949
21.	Woman Development	73	26750
22.	General	1235	141711
23.	Management	95	31657
24.	Competitive Exam Books	132	35160
25.	Library Science	2	0

- 26) The University Grants Commission has sanctioned a proposal for **extension of ladies hostel** and construction is initiated
- 27) Library is computerized (soul software) and office is being computerized (Master Software and Digital college software). In this context non-teaching staff of the college has been trained for a week.
- 28) College has launched website: **www.skmg.in**
- 29) **Community Services:** College has organized ten days National Service Scheme Camp at **Bet-Jawalga** on the theme **Healthy Youth for Healthy India**. On occasion of World Literacy Day, World Population Day and Environment Day rallies were organized to bring awareness in the society regarding literacy, cleanliness, population explosion, need to save environment etc. Health and Blood Donation Camps were also organized on occasion of Youth Day.

30) **Results of March/April 2009.**

Class	Percentage
B.A. III	77.10
B.Sc. III	61.00
M.Sc. I Biochemistry	52.94
M.Sc. I Computer Science	30.00
B.C.S. (Bachelor of Comp. Sci.)	44.23

- 31) **Financial Assistance:** Yearly thirty economically backward students are supported financially through **Earn and Learn Scheme** run by college. This scheme has been strengthened in this year in collaboration with **Late Vasantraoji Kale** Earn and Learn Scheme of Dr.B.A.M.University, Aurangabad.

- 32) Number of students who have received financial aids during this year:

i. Merit Scholarship	:Nil
ii. Merit Cum-means	:Nil
iii. GOI	:237
iv. FF	:-
v. Ex-serviceman	:Nil
vi. PTC	:04
vii. Physically disabled	:02
viii. Minorities	:05
Total	:248

33) Students of the college participated in **Inter Collegiate Kabbaddi** competitions organize at Ramkrishna Paramhansa College Osmanabad.

34) The students of college were participated in the **Youth Festival** jointly organized by **Ramkrisha Paramahansa Mahavidyalaya, Osmanabad** and **Dr. Babasaheb Ambedkar Marathwada University, Aurangabad** and won following prizes.

Skit	: First
One act play	: Second
Mime	: Second
Group song	: Second

35) **Healthy Practices:**

- i. Teachers provide books to needy students.
- ii. Out of twenty seven regular teachers **twenty five are engaged in active research work.**
- iii. Active participation of the management in developmental activities of the college.
- iv. College runs extra **coaching classes and entry in services scheme** for SC/ST/ OBC students.
- v. **Dr. D.R. Mane**, Principal and faculties **Mr. H.S. Bhosale** (Maths), **Dr. G.B. Patil** (History) of college are respectively the Dean, Faculty of Science, Members of Board of Studies and Faculty Members of Dr. B.A. Marathwada University, Aurangabad.
- vi. **Dr. D.R. Mane**, Principal of the college is a member of **Academic Council** and **Management Council**, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S). Three students are working for the award of Ph.D. under his guidance.
- vii. Notable Personalities visited and guided to the students of the College
 - (a) Dr. J.M. Waghmare - **Ex.V.C., S.R.T.M. University, Nanded**
 - (b) Dr. S.B. Nimse - **Vice Chancellor, S.R.T.M. University, Nanded.**
 - (c) Dr. B.P. Bandgar - **Vice Chancellor, Solapur University, Solapur.**
 - (d) Mr. Vivek Ghalasasi - **Notable News paper editor.**

Any other Information:

1. UGC has sanctioned and approved following proposals submitted by college:
 - a. Foods and Nutrition
 - b. Women's Hostel Building Extension
 - c. Women Development
2. Six more faculty members of the college have been granted by UGC with a Major/Minor Research Projects in this year.
3. Dr. D.R. Mane Principal of the college is recognized as research guide of Dr. B.A.M. University, Aurangabad. **Three students have registered for Ph.D.** under his guidance. **Two students have been awarded M.Phil. degree** under his guidance.
4. This year Shrikrisha Education society celebrated concluding programme of platinum jubilee of its establishment. The opening ceremony of the platinum jubilee was organized by the auspicious hands of Chief Minister Shri.Vilasraoji Deshmukh on **9th January 2008**. In concluding programme on dated **18th October 2008**, Dr.J.M.Waghmare Ex V.C. and Dr.S.B.Nimase, V.C. S.R.T.M.University Nanded was present. On the occasion college has organized various academic and cultural activities.
5. It was decided to **start PG courses** as well as **new UG courses** with the assistance from UGC and university. In this connection a proposals for **PG course in Mathematics and Geography** have been placed.

PART C: *Plans of the institution for the next year.*

1. To run new Career Oriented Course in Computer Applications.
2. To organize Seminars/Conferences in Botany and Marathi.
3. Completion of ladies hostel extension building.
4. Extension of existing laboratories.
5. To encourage faculty for Major Research projects.
6. To increase girls sports activities.
7. To develop botanical garden.
8. To strengthen extension activities.
9. To start innovative P.G. courses.
10. To recognize chemistry and zoology laboratories for research.
11. To propose a plan for separate library building and boy's hostel building.
12. Strengthening of career guidance and placement cell.
13. To provide Intercom facilities to all departments.
14. Departmental Computer facilities.
15. Establishment of Departmental libraries.

Signature of IQAC Coordinator

Signature of IQAC Chairperson

Name: **Mr. D.R. Kulkarni**

Name: **Dr. D.R.Mane**