

**Mahatma Gandhi Shikshan Mandal's**

**Arts, Science and Commerce College, Chopda.**

**Dist. Jalgaon (Maharashtra) 425107.**

**ANNUAL QUALITY ASSURANCE REPORT**

**OF**

**IQAC**

**(2008 – 2009)**

**Submitted to**

**NATIONAL ASSESSMENT AND ACCREDITATION**

**COUNCIL, BANGALORE, 560,010.**

# The Annual Quality Assurance Report (AQAR) of the IQAC

**The Name of the Institution :-**

**Year of Report- 2008-09**

**Mahatma Gandhi Shikshan Mandal's Arts, Science and Commerce College, Chopda .Dist - Jalgaon(Maharashtra). Pin-425107.**

## **Part A**

The Plan of action chalked out by IQAC in the beginning of the year towards quality enhancement and what is the outcome by the end of the year?

**At the beginning of the academic year 2008-09 the IQAC planned to do following things:**

1. To provide whole college with power battery back-up.
2. To start an M. Sc. in Computer Science.
3. To Launch an observatory ,ie a Weather Station for the college and town use.
4. To purchase books for Ambedkar and Nehru Study Centres.
5. To plant about 150 trees on the premises of the college.
6. To Start Diploma Courses in Functional English and Advanced Diploma in Web-Designing .
7. To construct new Classrooms and bureaus to meet the necessities.
8. To Lunch Water-Harvesting more effectively
9. To recruit staff according to requirements.
10. To purchase books and arrange faculties for Translation Proficiency Course at Certificate level.
11. To host a university level conference of North Maharashtra University English Teachers' Association.
12. To host Wards' conference by Geography Department.
13. To host Debating –Competition at University level on 5<sup>th</sup> December.
14. To hold Annual prize Distribution Ceremony for the collegiate talents.
15. To hold Blood Donation Camp at college –level.
16. Prepare a list of requirements to be presented before UGC authorities appointed for Xi th plan sanctions.
17. To conduct ,”Spoken English” programme for all throughout the year.

**The outcome by the end of the the year:**

We realized the effect of planning at the beginning of the academic year. The outcomes are presented in Part B of the report systematically.

**Part B**

**1. Activities reflecting the goals and objectives of the Institution:**

- a. Started UG & PG courses-  
Ph.D. in Zoology, Electronics, Chemistry, Computer Science.
- b. Following teachers are recognized as PG teacher (M.Phil and Ph.D. Guide) in respective subject by North Maharashtra University, Jalgaon.

<b>Sr.No.</b>	<b>Name of teacher</b>	<b>Subject</b>
01	Dr. P.S.Sonawane	Physics
02	Dr. B.P.Patil	English

- c. Enrichment of NSS & NCC activities is looked after.
- d. AIDS awareness programme was held.
- e. Participated in pulse-polio activity of Maharashtra State.
- f. Organized blood donation camp.
- g. Volunteers worked actively during the Ganesh festival.
- h. Organized the placement camp in association with chemistry department for final year students.
- i. Science quiz contest and seminar contest for science students were managed by science association.
- j. Organized Debating Competition with a view to promote the interest of student to take part in various competitions arranged at different colleges.
- k. Different projects are prepared under environmental science.
- l. Free and open internet access for students as well as teachers is made available 24 hours.
- m. Campus beautification, water harvesting, water and land management is done with the help of NSS students.
- n. Organized various sports competition in our college to motivate the students.
- o. Enhanced the earn and learn scheme for poor and needy student.

**2. New academic programmers initiated ( UG and PG)**

<b>At UG Level</b>	<b>At PG Level</b>
Biotechnology	Computer Science

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

- a) Major contribution has been done in curricular designing of career oriented Certificate, Diploma and Advanced Diploma courses.
- b) Organized programme on Spoken English.
- c) Major contribution in reformation of TYBsc Zoology Syllabus to incorporate Bioinformatics and Biotechnology as subjects of study implemented in North Maharashtra University, Jalgaon.

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

1. Certificate course in web-Designing.
2. Certificate course in Medical Lab Technician.
3. Certificate Course in Functional English.
4. Certificate course in Translation Proficiency.

**5. Examination reforms implemented:-**

Semester system started for FY/SY/TYBA, BCom and B.Sc.

**6. Number of candidates Qualified NET/SET: - Nil**

**7. Total number of Seminars/workshops conducted:-**

One day State Level Seminar on “Global Warming and Climate change” organized by Zoology department on 22<sup>nd</sup> Jan.2009.

## 8 Research Projects :-

a) Newly Implemented – 02

Sr.No.	Name of Investigator	Title of the Project	Amount Sanctioned	Sanctioning Authority
1	Dr.S.K.Borse	Physico-chemical Characteristics of groundwater of Chopda town in Jalgaon-Maharashtra (on going)	50,000	UGC (WRO) Pune
2	Dr.P.S.Lohar	Diversity of Ichthyofauna of Tapi and Aner rivers, North west Maharashtra (on going)	50,000	UGC (WRO) Pune

b) Completed- Nil

9. Patents generated ,if any :- Nil

10 New collaborative research programmes:-

Collaborative research programme by Dr.P.S.Sonawane with Dr.L.A.Patil, Material Research Lab, PG Department of Physics, Pratap College, Amalner. (Jalgaon)

11 Total research grants received from various agencies:-

UGC –Rs. 4835100/-

12. Number of research scholars;-

Name of Research Guide	No.Of research students
Dr. P.S.Lohar	05
Dr.A.L.Chaudhari	01

13 Citation index of faculty members and impact factor:

1. S.G. Bachhav & A.L.Chaudhari “Digital image processing using “MATLAB”Proceedings of state level conference on Optical fiber communication & sensor applications (OFCSA-2008),Organized by Ahmednagar college & BCUD Pune University,December 22-24,2008.

2. A.L.Chaudhari and A.D.Shaligram,"A PC based Test Bench for Fiber Optic Chemical Sensors",African Journal of Science &Technology,vol.9(2),2008,PP75-81.
3. T.N.Gorude,A.L.chaudhari and A.D.Shaligram,"Quantitative color measurement of PH indicator paper using Trichometric LEDs & TCS 236 sensor ,proceedings of International conference on Experimental Mechanics(ICEM 2008),Nanjing,china,November 8-11,2008.
4. A.L.Chaudhari and A.D.Shaligram, "Simulation & Experimental studies of Fiber Optic Sensor for measurement of brix",Proceedings International conference on Sensors &related Networks (SENNET'09) ,Organized by VITU(INDIA),December 08-10,2009,pp201-204.
5. Lohar P.S.,Lohar Mahendra S. and R.M.Bagul (2008):Erythropoietic Effects of some Selected Plants on Experimental Animal Model.The paper is ready for presentation during International conference that is to be held at Sikkim Manipal University,gangtok Sikkim during 28 to Dec 2008.
6. Lohar P.S. ,Lohar M.S.,and S.Roychaudhari (2009): Erythropoietic Effects of Some Medicinal Plants of India on Experimental Rat Model. Slovak J.Anim.Sci.,Slovakia (Europe )42,2009 (2): 95-98@2009 CVZV Nitra. ISSN 1317-9984.
7. Lohar P.S.and A.R.patil (2009) :Seasonal variations in physico-chemical parameters of river Patalganga, Raigad District ,Maharashtra .J.Aqua.Biol.,Hyderabad.Vol.20(2) p.109-112.(ISSN::0971-4235)
8. H.P.Bhadane ,E.P.Samuel,D.S.Patil ,Optoelectronics and Advanced Materials-Rapid Communications,Journal of Electromagnetic Waves and Applications ,23,351-359,2009.

### **Books Published by**

1. Dr.P.S.Lohar from MJP publishers,unit of Tamilnadu Book House ,Triplicane Chennai (Tamilnadu)

<b>Title of the book</b>	<b>Year of publication</b>	<b>International Standard Book Number (ISBN)</b>
Bioinformatics	2009	978-81-8094-066-8

2. Dr.A.L.Chaudhari From Prashant Publication Jalgaon and Pune.

<b>Sr.No.</b>	<b>Title of the book</b>	<b>Year of publication</b>
1	Analog Circuits &Application and Liner Circuits &Application	2008
2	Degital Electronics &Application &Instrumentation	2008

**14 Honors/ Awards to the faculty: - Nil**

**15 Internal resources generated:-**

The internal resource is generated through following courses and schemes -

1. Self finance certificate course in Web Designing.
2. Self finance certificate course in Medical Lab Technician
3. Self finance certificate course in Electronics Equipment Maintenance.
4. Certificate Course in Functional English.
5. Certificate Course in Translation Proficiency.
6. Unaided PG &UG degree courses.
7. Consumer stores.
8. Xerox machine
9. Coin box.
10. Gymnasium facility for non students.
11. Spoken English programme for students

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

**17. Community services:**

1. Water conservation is primarily done.
2. Blood donation camps are organized.
3. Yoga workshop for people was organized.
4. Through various activities of NSS and NCC
5. Guidance to farmer about the weather conditions

6. Guidance to women for self employment in association with Jan Shikshan Sansthan, Jalgaon. (Sponsored by HRD Ministry, Govt of India)

7. Weather Station (Sponsored by Govt.of India)

**18. Number of teachers and officers newly recruited:**

Assistant Professor -- 01

Non teaching staff --- 09

**19. Teaching –Non teaching staff ratio: 1:1**

**20. Improvements in the Library services:**

- Issuing of computerized Identity card.
- Open access to the students
- Night library facility during examination period.
- \ • Library Facility provided to Ex-students.
- Rapid increase in the number of books.

**21. Number of new books /journals subscribed and their value:**

Particulars	2008-2009	
	Number of Books	Amount (Rs.)
1) Books	1993	69563
2) Journals	03	8000

**22. Number of courses for which student assessment of teachers is introduced**

**and the action taken on student feedback:**

All departments have started the assessment of teachers by student's feedback. Based on the feedback of the students, suggestions were given to the teachers through HOD and the Principal of College.

**23. Unit cost of education:**

Unit cost of education - Rs. 61023/-

**24 Computerization of administration and the process of admissions and**

**examination results, issue of certificates:**

Computerized admission process through Vruddhi Software. Computerization of office consists of the following things-

Computers	:	15
Printers	:	06
Scanner	:	01

Admission process has been computerized, the correspondence, various lists, Reports, Certificates, etc. are being computerized.

**25. Increase in the infrastructural facilities:**

1. New laboratory for Electronics.
2. New laboratory for Computer Science is erected.
3. Renovation of Microbiology and Biotechnology lab is done.
4. Garden development is much nursed.
5. Improved Smt. Anusayabai Salunkhe Auditorium.
6. Drinking water facility kept more refined for students and staff.
7. Ladies Hostel funded by UGC.
8. Two class room with toilet facilities for Gents and Ladies.

**26. Technology upgradation:**

The College has geared up the LCD Projector, office computerization and expansion of intercom system for fast and accurate work.

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

Open & free access to Internet facility for students, teaching and non-teaching staff.

**28. Financial aid to students:**

- Earn and learn scheme.
- Poor Boys' fund
- Various Scholarships from State Government
- Scholarship to physically handicapped students are provided.
- Scholarship Minority Section Students.

**29. Activities and support from the Alumni Association:**

1. Meeting of Alumni is organized every year in Diwali Vacation.
2. Meeting of Geography alumni is also organized every year separately by the Geography Department.

**30. Activities and support from the parent –teachers Association;- Nil**

**31. Health Services:-**

The College runs:

- a. Compulsory medical checkup for every student in the college .
- b. Free treatment to students by the former President of M.G.S.M., Dr. Suresh G. Patil
- c. Gymnasium facility is made available.
- d. Playground is made available.
- e. Yoga shibir is held at the college.

**32. Performance in sports activities:- 2008-2009**

<b>Sr. No.</b>	<b>Level of Activity</b>	<b>Name of Activity</b>	
1	Intercollegiate	Kabbadi (Girls)	Third
2		Volley Ball (Boys)	Third
3		Kabbadi (Boys)	--
4		Volley Ball (Girls)	First
5		Handball (Girls)	Third
6		Badminton (Girls)	Winner
7		Cross-country (Boys)	--
8		Foot ball (Boys)	Runner
9		Athletics (Boys)	--
10		Kho – Kho (Girls)	--
12		Basket ball	--
13		Badminton (Boys)	third
14		Athletics (Girls)	--

**33. Incentives to outstanding sports persons:-**

- Sports kit and fee concession is provided to the sport students.
- TA &DA are provided to the students as per university rules.
- Inspiration is given to the students by honoring them from time to time.
- Training programme is being organized for students.
- Preference is given to sports person at the time of recruitment in the institution for various posts and services.
- Grade points are awarded to the students participating in the sports activities.

**34. Students achievements and awards:-**

**Sports Rankers -**

Volley Ball(Girls)	--	First
Volley Ball(Boys)	--	Third
Bad minton (Boys)	--	Third
Hand Ball (Girls)	--	Third
Kabbadi	--	Third

**35. Activities of the Guidance and Counselling Unit:**

Lectures of renowned personalities are organized for the guidance & Counselling of the students for Competitive Examinations by Carrier guidance Centre.

**36. Placement services provided to students:**

Campus interviews were organized by the College in association with different Companies for the third year graduate students.

**37. Development Programme for Non-teaching Staff:**

- 1) MS-CIT course & meetings are held for personality development.
- 2) Organization of workshop on "Personality Development" for Non-Teaching staff.

**38. Any other relevant information the institution wishes to add:**

1. Educational Tours and Industrial visits were organized by various departments.

## **Part- C**

### **Plan of the Institution for the Academic year 2009-10**

- a) To send the proposal of Women Study Center.
- b) To hold Smt Sharadchadrika Patil State level debating competition.
- c) To hold college level Essay Competition.
- d) To introduce various websites of Marathi & English subjects to the students.
- e) To hold poster presentation of 84<sup>th</sup> all India Marathi literature congregation.
- f) To organize national seminar by the mahatma Gandhi, Nehru and Dr. Ambedkar research & study center
- g) To hold university level student personality development programme.
- h) In Yuvati sabha –1 self-reliant programme ,judeo karate & marshal art shibir.
- i) To arrange deliberations –series in the memory of Hon, ble late Akkasaheb Sharadchandrika Patil
- j) 3 Days workshop for the H. S.C .Teachers based on their syllabi.
- k) University level Quiz Contest by the Dept of Computer.
- l) To hold inter-college football competition.
- m) To organize save the tiger programme.
- n) Counselling lecture by Yuvati sabha
- o) Tree plantation by N. S. S. & N.C.C.
- p) To arrange parents' meeting.
- q) University level Poster & Model presentation by The Dept of Micro-biology & Biotechnology.

**(Dr. S. K. Borse)**  
**IQAC- Co-ordinator**

**(Dr. D. D. Patil)**  
**Chairperson IQAC**

