

**JAGAT ARTS, COMMERCE AND
INDIRABEN HARIHARBHAI
PATEL SCIENCE COLLEGE,
GOREGAON-441801**

DIST.-GONDIA (MAHARASHTRA)

TRACK ID-12388



AQAR-2010-11

**ANNUAL QUALITY ASSURANCE
REPORT
(Prepared by IQAC)**

***Submitted to,
NAAC, BANGLORE***

The Annual Quality Assurance Report (AQAR) of the IQAC

Name of Institution: Jagat Arts, Commerce & Indiraben Hariharbhai

Patel Science College Goregaon, Dist: Gondia (Maharashtra)

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Year of Report: - 2010 -2011

Section A:

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement.

A meeting of IQAC was held on 1st September 2010 and following plan of action chalked out by the IQAC for the current session 2010-11.

- (1) To propose short term certificate/diploma courses in some disciplines.
- (2) To organize workshop, conference and seminar at any level.
- (3) To propose minor and major research projects for funding from different agencies.
- (4) To motivate the research activities from faculties.
- (5) To conduct development program for non-teaching staff.
- (6) To purchase text and reference books of various subjects and new journals in library.
- (7) To purchase ceiling fans and fit window span for classrooms.
- (8) To purchase quality furniture for classrooms.
- (9) To maintain gardening and beautification of college premise.
- (10) To construct gymnasiums hall.
- (11) To improve sport activities and construct volleyball ground.

- (12) To start remedial classes for slow learners of S.T., S.C., O.B.C. (non-creamy layer) and minority students.
- (13) To organize guest-lecture series in different disciplines
- (14) To construct new library building with special reading room.
- (15) To construct girls hostel in college premise.
- (16) To improve facilities in girls common room.
- (17) To extend computer facilities for students with internet.
- (18) To routine program under the banner of N.S.S., population education club, women service and learning centre and work experience project.
- (19) To establish career and counseling cell.
- (20) To construct two classrooms from the UGC assistance

Section B:

Details in respect of the following.

1. Activities reflected goals and objectives of the institution: -

Our institution is continuously trying to maintain the quality education for the stakeholders of this rural area. Beside the general transmission and generation of knowledge, college arranges social services and community work, which reflect through regular and camping NSS activities. To bring orientation activities in community under R.T.M. Nagpur University, continuous adult education and extension department, our college continued population education club, woman service and learning center and work experience project as worthwhile activities.

In this session 'Sadbhavana Pandharwada' was organized from 20th August to 08th September 2010. During this pandharwada, programmes arranged like Lecture series, Plantation and beatification, Debate compitition, Rangoli compitition, Sadbhavana rally, Teachers day and Literacy rally. Aids awareness rally was organized on 6th December 2010.

From 14th December to 20th December 2010, College arranged NSS camp at Hirapur for doing social work and has given many social services. Experts gave guidelines to the villagers on National Integration and Indian culture, Modern

farming, Gramgeeta and samajprbadhan, Blood group checking and blood donation camp, Biofertilizer and irrigation, Andhashradha nirmulan etc.

Population education club, Women services and learning center arranged many community development programme at Hirapur. Programmes were organized like Drama, Kalapathak, Pathnatya, Dances, Group dances etc. by the students in camp for the villagers.

2. New academic programmes initiated (UG and PG): - Proposals are sent to R.T.M. Nagpur University, for short term certificate courses along with UG courses in (a) dyes, colour and constituent, (b) survey and map making and (c) auditing and accounting as per the need of pupils.

3. Innovations in curricular design and transaction: -UGC recommended syllabi were implemented for all degree classes.

4. Inter-disciplinary programmes started: - Nil.

5. Examination reforms implemented: - As a regular process.

6. Candidates qualified: - NET/SLET/GATE etc.: - Nil.

7. Initiative towards faculty development programme: -Faculty members attended state level and national level workshop, conferences, symposia as well as seminars. Faculty members attended orientation programmes and refresher courses conducted by Academic Staff Colleges/Refresher course center. In the direction of faculty development, research work published in national and International journals by faculty members.

8. Total number of seminars/workshops conducted: - Nil.

9. Research projects a) Newly implemented: - Ongoing-UGC- MRP-03.

b) Completed: - Nil.

10. Patents generated, if any: - Nil.

11. New collaborative research programmes: - Nil.

12. Research grants received from various agencies: - Research grant received from UGC of total 4,10,000/-outlay for minor research projects.

13. Details of research scholars: - Nil.

14. Citation index of faculty members and impact factor: -

Some of the teacher has published research papers in national and international journals.

Teacher's Name	Title of the Research Paper	Name of the Journal, vol.no.&page no.s	Impact factor, ISSN/IBN
Dr.S.S. Rahangdale	1.Electrical conductivity studies of 2, 2'-dihydroxybiphenyl - biuret - formaldehyde terpolymers, 2.Synthesis, Structural and Thermal Study of Copolymer Resin Derived from p-Cresol, Adipamide and Formaldehyde, 3.Synthesis, characterization and chelation ion-exchange studies of a resin copolymer derived from 2, 4-dihydroxyacetophenone-formaldehyde-biuret,	<i>Arch. Appl. Sci. Res.</i> , 2(6) , 53-58 (2010). <i>National Institute of Technology, Hamirpur (H. P.), 22-24 Oct. (2010).</i> <i>Jammu University Campus, Jammu, 18-20 Nov. (2010).</i>	ISSN-0975-508X - -
Dr.V.I.Rane	1. Indol Acetic Acid (IAA) of Rice (<i>Oryza sativa</i> Linn.) infecting fungi studied by <i>Avena</i> coleoptiles & colorimetric method. 2. Climate influence on Rice (<i>Oryza sativa</i> Linn.) Mycoflora of east Vidarbha (India)	<i>Botanique13 (2)-49-56. 2009</i> <i>National Seminar Souvenir-36-37Feb. 2011</i>	ISSN-0257-800X -
Dr.B.G.Suryawanshi	1. Indol Acetic Acid (IAA) of Rice (<i>Oryza sativa</i> Linn.) infecting fungi studied by <i>Avena</i> coleoptiles & colorimetric method. 2. Climate influence on Rice (<i>Oryza sativa</i> Linn.) Mycoflora of east Vidarbha (India)	<i>Botanique13 (2)-49-56. 2009</i> <i>National Seminar Souvenir-page no.36-37(2011)</i> <i>2009</i>	ISSN-0257-800X -
Prof. V.T.Gajbhiye	1. Climate influence on Rice (<i>Oryza sativa</i> Linn.) Mycoflora of east Vidarbha (India)	<i>National Seminar Souvenir- page no. 36-37(2011)</i>	-
Prof. S.T.Nandeshwar	1. Study of optical characteristics' of BiOI thin film deposited using CBD technique.	<i>In proceeding of (SAMA) organized by N.H.College Bramhapuri. Page no. 56-62(2010)</i>	-
Prof.E.V.Chandankhede	1. Use of technology and devices in library. 2. Increasing effect of Information Technology.	<i>State level Seminar at G.W.College, Nagbhid.</i> <i>State level Seminar at B.A.College, Bramhapuri.</i>	- -
Dr. C.T.Rahule	1.Educational technique of Dr. Babasaheb Ambedkar.	<i>Contribution of Dr. Babasaheb Ambedkar in the contemporary social systym. page no. 18-20(2011)</i>	-

One of the teachers of our college has published reference books for mathematics for Indian universities.

Name of Author	Name of the Books	Publications
Dr.S.H.Bhairam	Principle of Marketing Manegment	Anuradha Prakasan, Nagpur - 10-10-2010.

All these have a great impact on community and nation. The students are benefited and many of the teachers and students are inspired to do research work and publications.

15. Honours/awards to the faculty: - Dr.C.T.Rahule awarded by 'Dr.Babasaheb Ambedkar Shiksha Seva Puraskar' on 14th April 2011 at Gondia and 'Late B.S.Mardhekar Kavyespardha 2011' consolation prize at Bhandara.

16. Internal resources generated: - Nil .

17. Details of Department getting SAP, COSIST (ASSIST)/DST/FIST, etc. Assistance/recognition: - Nil.

18. Community services: -

(a) Under NSS banner: - Plantation programme, Blood donation camp, AIDS awareness rally were arranged.

(b) Under Adult Education and Extension Service, Population Education Club: - Our college students with the help of villagers arranged various activities like Drama, Kalapathak, Pathnatya, etc. reflecting its aim.

(c) Mahila Sablikaran programme was held for the awareness about right of women's.

19. Teachers and officers newly recruited: -

During this session total ten (one in Zoology, one in Botany, two in Geography, two in Marathi, two in English and two in Commerce) contributory lecturers were appointed in UG. Total twelve (four in Marathi, three in History and five in Geography) contributory lecturers were appointed in PG.

20. Teaching - Non-teaching staff ratio: -

Total no. Of college teacher (24 + 22) = 46

Total no. Of non-teaching = 16

Therefore ratio is approximately = 3:1

21. Improvements in the library services: -

Following improvements are made in college library.

- (i) Computerization (only book accession) of library with standard digital software is done. Internet facility is started.
- (ii) Reprography (Xerox) service is started in the library.
- (iii) Current Journal services are improved by subscribing more journals.
- (iv) Book Bank service is continued.
- (v) DDC system is employed in the library.
- (vi) Extra Book Cell for toppers students is opened.
- (vii) Books Reservation facility is available for students and teachers.
- (viii) Employment guidance service is given.
- (ix) New Book Exhibition facilitates.
- (x) Old question papers service is given.
- (xi) Reference service is given.

22. New Books/Journals subscribed and their value: -During the session 2010-2011, 1005 books were purchased and staff members donate some books. Total cost of these books is Rs. 3,88,784/-. There are 45 Journals/Magazines continued in our library. Total cost of these Journals/Magazines is Rs. 26,131/-. There are 09 newspapers made available in library (Dated-20 Nov.2011).

Stream	Books	Amounts
Arts	338	1,28,895/-
Commerce	169	68,950/-
Science	217	64,970/-
Reference	69	77,720/-
M.A. Marathi	44	9,140/-
M.A. History	43	8,140/-
M.A. Geography	14	11,780/-
Envs. Studies	66	8,250/-
Others	45	10,939/-
Total	1005	3,88,784/-

23. Courses in which student's assessment of teachers is introduced and action taken on student feedback:

Student's assessment of teacher is introduced in Arts, Commerce and Science streams. The feedback given by the students is analyzed and proper directions and Guidance to the teachers is given.

24. Feedback on stakeholders:

The feedback given by the stakeholders is analyzed and proper directions are applied in the development of the college.

25. Unit Cost of Education: - Rs. -----/- approximately.

26. Computerization of administration and the process of admissions and examination results, issue of certificates: -

During the session 2010-2011, new Desk P.C provided to the office staff for smooth administration and computerizes the office work. The needful software's are installed. Internet facility is provided to administrative staff. As per requirements the update in software is done. Issue of fee paid slip and certificates by process of computer is started.

Admission is given to students on the merit basis and personal interview. The category wise admission is given in each faculty. Admission committee is formed at the beginning of academic session to look after admission process in each faculty. Effective steps were taken to computerize the examination result and issue of the certificates.

27. Increase in the infrastructure facilities: -

In this session infrastructure facilities added in institution are like water purifier, generator, air conditioner, television, automatic timer ringing bell, laptops, computers, and biometry machine. During the session, building is whitewashed.

28. Technology up gradation: - Nil.

29. Computer and Internet access and training to teacher and students: -

Sufficient numbers of computers are available in the college and are made able to access the Internet services to them. The teachers and students are allowed to attend the workshop/training programme based on computer literacy.

30. Financial aids to students: - The eligible students received financial aids as such:

(a) GOI'S for SC, ST, NT and OBC students.

- (b) EBC concession for students belonging to economically backward class.
- (c) PTC concession for children's of primary teachers.
- (d) Handicapped and Bidi scholarship for the handicapped students and the children of Bidi workers.
- (e) SBC concession for students belonging to special backward class.

31. Activities and support from the Alumni Association: -

Meeting of the Alumni was called on 25th September, 2010 at 10.00am. Active members from the Alumni were selected for the organization of Alumni association 2010-11. They gave information about advanced studies for the development of students in the meeting. They promised to fulfill some requirements for the college.

32. Activities and support from the parent-teacher Association: -

Meeting of the parent –teacher association was called on 25th September, 2010 at 02.00 pm. Active members from the parents and teachers were selected for the organization of Alumni association 2010-11. In this association, teachers explain the various difficulties faced by the students in teaching and learning and try to reduce it with the support of parents. The similar kinds of difficulties of parents regarding their wards can also be reducing with the help of teachers.

33. Health services: -

During this session, blood donation camp, blood group checking camp was organized. Also authorized medical officer Dr. Puja Deshmukh and Dr. Yogesh Harinkhede took medical test for students. Physical department took physical efficiency test of all students. For medical treatment of college students, first aid facility is provided.

34. Performance in sports activities: -

During this session, our college participated in R.T.M. Nagpur University sports competition in Kabaddi, Kho-kho, Volleyball, Chess, Cricket and Athletics. On 27th September 2010, Kabaddi team of our college was participated in inter- collegiate tournament at R.T.M. Nagpur University playground Nagpur. Inter-collegiate athletic meet of our university was held on on 13th Oct. to 15th Oct. 2010 at R.T.M.

Nagpur University playground Nagpur. Thirteen athletes were participated in this meet.

In this year Miss. B.C.Bisen (B.A.I) represented R.T.M. Nagpur University women's cricket team in 'All India Inter-University Tournament' held at Jiwaji University Gwalior from 21st to 25th December 2010. Students also participated in cultural activities during Social Gathering.

35. Incentive to outstanding sports person: -

Tracksuits were given to outstanding sports man. Bats and shoes were presented to cricketers.

36. Student achievements and awards: -

Students were participated in college, inter-college and inter-university sport activities. In this year Miss. B.C.Bisen (B.A.I) represented R.T.M. Nagpur University women's cricket team in 'All India Inter-University Tournament' held at Jiwaji University, Gwalior from 21st to 25th December 2010. Students also participated in social gathering and honored by mementoes.

37. Activities of the guidance and Counseling unit: -

Guideline was given to the passed students through Career counseling and placement cell College teachers are fully devoted to this work.

38. Placement services provided to students: -

Guideline for placements of successful students is carried out by placement cell. Campus interviews also were taken for science graduates, with Ruchi group of agriculture and Biotech. Industries, Gondia on 17th May 2011. Five students are appointed in this industry.

39. Development programme for non-teaching staff: -

For smooth conducting of the work, Principal organized a meeting of non-teaching staff and gave better suggestions for improvement of their activeness for computer work and internet access.

40. Good practices of the institution: -

- (a) To inspire the college students, college awards to the topper students of all streams by giving medals.

(b) To inspire the college students, staff member's awards to the topper students of all streams by giving prizes as under.

(1) Late Mukunda Badal Roy Memorial Prize to (i) two students of B.Sc.II securing highest marks in B.Sc. I (ii) one student of B.Sc. III for securing highest marks in Mathematics (501/-each).

By- Mr. B.M.Roy (Assitt. Prof. in Mathematics)

(2) Late Sayatrabai Kewalramji Parashuramkar Memorial Prize in B.Sc.III for securing highest marks in Zoology (500/-).

By- Mr.B.B.Parashuramkar (.Assitt. Prof in Zoology)

(3) Late Bhagratabai Yadoraoji Lanje Memorial Prize in B.Sc.III for securing highest marks in Physics (500/-).

By- Dr. N.Y.Lanje (Principal)

(4) Late Insaramji Rane Memorial Prize in B.Sc.III for securing highest marks in Botany (500/-).

By-Dr. V.I.Rane (Assitt. Prof. in Botany)

(5) Late Tarachandji Rahangdale Memorial Prize in B.Sc.III for securing highest marks in Chemistry (500/-).

By- Dr. S.S.Rahangdale (Assitt. Prof. in Chemistry)

(6) Late Hemrajji Patle Memorial Prize in B.A.III for securing highest marks in History (500/-).

By-Smt.Dr. C.P.Patle (Assitt. Prof. in History)

(7) Late Anuradha Deshpande Memorial Prize in B.A.III for securing highest marks in Geography (500/-).

By-Ku Manisha Deshpande. (Assitt. Prof. in Geography)

(c) The college authority relieves teachers for orientation/refresher courses conducted by various Indian universities and Academic staff colleges.

(d) For encouragement of girls towards higher education, first preference in admission is given to them irrespective of their pass percentage.

41. Linkages developed with National /International, academic/Research bodies: -

Research papers are published in reputed journals by some of the faculty members. Dr.N.Y.Lanje, Dr.V.I.Rane and Dr.B.G.Suryawanshi registered as supervisor for giving guidance to the research scholars. Almost all of the college teachers have registered their names for research work (Ph.D.). Three teachers are submitted their thesis for the degree of Ph.D. Two teachers are awarded by Ph.D in this session. Dr. V.I.Rane elected as member on board of studies of Botany(as a member of examination board) in R.T.M. Nagpur University, Nagpur.

42. Action Taken Report on the AQAR of the previous year:

IQAC has taken the action as per the AQAR of previous session 2009-10.

Action Taken Report is prepared as follows.

Flooring of remaining classroom No. 14, 16, 17, 18, 19, 26 and 27 was completed. Common hall is innovated with permanent sound system. Water cool machine was repaired and shifted at proper place with protection. Proposal was sent to the management for required classroom furniture. Electricity supply in classroom was repaired. Computer facility is made available for teaching staff in departments of Chemistry and Botany. Botanical garden is improved with addition of some plants. The college premise is maintained and increases the beautification

Conference on “Recent Advancement in Material Science” on 25th Feb. 2010 was organized by department of Chemistry. Guest lecture series is conducted by few departmental societies on related topics by inviting experts from other institutions.

Alumni association meeting was held on 3rd January 2010 in the conference hall at 2.00 p.m. Parent-teacher association meeting was also held on 3rd January 2010 in the conference hall at 11.00 a.m.

Guideline was regularly given to the pass out students through employment cell. Medical checkup of students, by the authorized Medical officers was regularly conducted. Under health services blood donation camp, blood group checking camp has been arranged in this session.

Students were participated in college and inter-college sport activities. In this year Volley-ball team was participated on 30th September 2009 at Waingangā College of Physical Education, Sakoli Dist:-Bhandara, and played zonal semifinal. Kabaddi

team was participated on 3rd Oct.2009 at N.M.D. College Gondia, Dist: - Gondia for inter-collegiate kabaddi tournament. Cricket team was participated on 24th November 2009 at Wainganga College of Physical Education, Sakoli Dist:-Bhandara for inter-collegiate cricket tournament and reach up to zonal final.

Some research papers published by the faculty members in various journals, proceeding of conferences. Three research projects are sanctioned by UGC of total 4,10,000/- outlay. Three teachers V.I. Rane, B.G.Suryawanshi and S.S.Rahangdale are awarded by Ph.D. degree. Six teachers, V.I.Rane, B.B.Parashuramkar, R.M.Gahane, V.T.Gajbhiye, C.T.Rahule and C.S.Rane worked as master trainer in census of India-2010-2011.

All the decided activities under the banner of NSS, Population education club, Women service and learning center and work experience project for this session have done in time.

43. Any other relevant information the institution wishes to add: -

- 1) College receiving different type of grants from UGC in 11th plan.
- 2) College re-accredited in this session by B grade with 2.11 CGPA.
- 3) Four faculty members, Assitt. Prof. R.M.Gahane, Assitt. Prof. B.B.Parashuramkar, Assitt. Prof. V.T.Gajbhiye and Assitt. Prof. V.I.Rane, worked as master trainer in census of India-2010-2011.

Section C:

Outcomes achieved by the end of the year.

Our college authority has tried to implement the plan for the session 2010-11 and the outcome received at the end of the session are given below.

1. Proposals are sent to R.T.M. Nagpur University, for short term certificate courses in (a) dyes, color and constituent, (b) survey and map making and (c) auditing and accounting as per the need of pupils.
2. Proposals are sent to UGC for getting financial assistance in favor of organizing national conference in Commerce and Geography
3. Two faculty members are awarded by Ph.D. in this academic session and few papers published by faculty members.

4. Office staff is updated in computer, to do work with office software.
5. Text books, reference books are purchased of about 17,52,174/- rupees and journals, periodicals of about 26.131/- rupees for this session. Bookshelves are also added in library.
6. Ceiling fans and window spans are fitted in some classrooms and laboratories.
7. Quality furniture added for students as well as for office and staff.
8. Plants were looked after regularly by the plantation committee and also maintain the playground.
9. Remedial classes started for slow learners, S.T., S.C., O.B.C. (non-creamy layer) and minority students in Deptt. Of Botany, English and Commerce.
10. Guest lecture series was organized in all departments and eminent personalities were invited for respective talk.
11. Proposal is prepared for the construction of girl's hostel in college premise.
12. Proposal is sanctioned for the construction of library building with reading room and two class rooms in college premise.
13. Guideline given to the passed students through Career counseling and placement cell is established. Campus interviews also were taken for science graduates with Ruchi group of agriculture and biotechnology. Industries, Gondia. Five students are appointed in this industry.
14. Total twenty one contributory teachers are appointed on clock hour basis to share the workload of UG and PG.
15. In this session infrastructure facilities added in institution are like water purifier, generator, air conditioner, television, automatic timer ringing bell, laptops, computers, and biometry machine.
16. Alumni association meeting was held on 25th September, 2010 in the conference hall at 10 a.m. and suggestions were taken for development of the college.
17. Parent-teacher association meeting was also held on 25th September, 2010 in the conference hall at 2.00 p.m. and suggestions were taken for all-round development of the college.

18. Dr. Puja Deshmukh and Dr. Yogesh Harinkhede had conducted medical checkup of students from 20th January to 1st February 2011. Under health services blood donation camp, blood group checking camp has been arranged in this session.
19. Students were participated in college, inter-college and inter-university sport activities. In this year Miss. B.C.Bisen (B.A.I) represented R.T.M. Nagpur University women's cricket team in 'All India Inter-University Tournament' held at Jiwaji University Gwalior from 21st to 25th December 2010. Students also participated in cultural activities during Social Gathering.
20. Three research projects are in outgoing position of 4,10,000/-outlaty.
21. Two faculty members, Dr.V.I.Rane and Dr. B.G.Suryawanshi, are recognized for Ph.D. and M.Phill. Supervisor by R.T.M.Nagpur University, Nagpur.
- 22.Four faculty members, Assitt. Prof. R.M.Gahane, Assitt. Prof. B.B.Parashuramkar, Assitt. Prof. V.T.Gajbhiye and Assitt. Prof. V.I.Rane, worked as master trainer in census of India-2010-2011.
23. One faculty member Dr. V.I.Rane, is elected as member of Board of studies in Botany in R.T.M.Nagpur University, Nagpur.
24. All the decided activities under the banner of NSS, Population education club, Women service and learning center and work experience project for this session have done in time

Section D:

Plans of the Higher Education Institution for the next year.

The details of the future plan for the session 2011-12 are as under.

- (1) To proposed job oriented short term certificate courses.
- (2) To increase internalize process and system of quality education by ICT based teaching and learning. Increase computer literacy in students and staff.
- (3) To provide better game facility for student and achieve best position in sports.
- (4) To make sustained efforts for resource generation mobilizing funds from state and national agencies.
- (5) To increase facilities for sustained research, extension and consultancy activities for student and staff.

(6) To increase facilities of library, like automation, e-journal, internet and INFLIBNET.

(7) To increase soft- skill in English language.

(8) Strengthen career counseling and placement cell.

(9) Maintain all infrastructure facilities like, student furniture, office furniture, laboratory facilities, parking shade, drinking water, door and window span, beautifications of college premise etc.

(10) To propose girls hostel in college premise for outsider students.

(11) To propose renovation of girls common room.

(12) Routine programmes under the banner of NSS, Population education club, Women service and learning center & work experience project etc.

Name & Signature of the
Coordinator, IQAC

Name & signature of the
Chairperson, IQAC