



Manoharbhai Shikshan Prasarak Mandal's

**MAHATMA GANDHI ARTS, SCIENCE  
&  
LATE NASARUDDINBHAI PANJAWANI COMMERCE COLLEGE**

**ARMORI**  
Distt. Gadchiroli  
Maharashtra - 441208



**RE-ACCREDITATION REPORT**

**VOLUME II**

**Part - II**

**Institutional Data**

- Executive Summery
- Criteria-wise Evaluation Report
- Evaluative Report Of The Departments
- Annexure

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## A. Executive Summary

This is a multidisciplinary institution with Arts, Science and Commerce streams. With 1069 students strength, 46 lecturers and 15 non-teaching staff ours is the largest college in this notified tribal and backward district. We offer 19 UG courses, 3 PG self-financed courses and 5 career-oriented courses.

The strength of the Institution is its teaching staff. Eight of our teachers have Ph. D, two have submitted their Ph.D. thesis for evaluation, and ten are pursuing Ph.D.

**Criterion-1 Curricular Aspects:** Our vision is to reach the unreached and inclusion of the excluded in the main stream of education. Presently 98% of our students are from socially backward & economically weaker section. Being an affiliated college, adhering to the framework of our University, we offer courses which will make our students competitive. Besides we run add-on-courses to make our students mployable or self-employed. To make sure that our programmes are well received and to rectify drawbacks, if any, we collect feedback from stake-holders.

**Criterion-2 Teaching Learning and Evaluation:** To ensure that our courses reach all including the disadvantaged community we make the admission process transparent and extend preferential treatment to them as is evident from our enrollment profile. To make our teaching student-centric, the teachers prepare micro and macro teaching plans and execute them effectively, supplement them with unit tests, home assignments, student-seminars, guest-lecture series; use modern teaching aids and use feedback mechanism for corrective action. To keep abreast of recent developments the teachers participate in seminars/ conferences in large numbers, use internet facilities. During last three years 3 National Level and 4 State Level seminars/ conferences were organized.

**Criterion-3 Research, Consultancy and Extension:** To promote research activities a research committee is constituted. To encourage research, teachers are given study leave for FIP, duty leave for attending and financial support for presenting papers in conferences. They are exhorted to avail of research schemes offered by UGC (2 Major & 6 Minor projects are on going, 6 MRPs completed.) Many of them are engaged in collaborative work with University departments and four are recognized Ph.D. supervisors.

Through NSS and Adult Education Club the Institution does extension activities for the community around here. People's Bio-diversity Register programme pursued

by us is a unique one in environmental studies in the University. Various surveys done by different departments integrate our extension activities with the curricula. Many of our extension activities are through collaboration with NGOs, local bodies & Govt. agencies.

**Criterion-4 Infrastructure and Learning Resources:** Institution has comfortable physical facilities that include 20 class rooms, 10 laboratories, central computer facility with broadband internet connectivity, a spacious playground, women's common room, women hostel, a garden, and a gym. This is supported with two electricity generators and modern electronic gadgets. The partially computerized library has 10800 books and subscribes to 13 journals, 09 periodicals and 09 news papers.

**Criterion-5 Student Support and Progression:** Socio-economic profile of students indicates the Institution's efforts to fulfill its vision and mission. Efforts are being made to minimize dropout rate through various steps. We give our students guidance for employment, higher education and competitive examinations. We also culture leadership qualities and organizational capacities in them besides gender sensitization. Through our prospectus we disseminate various concessions, welfare schemes & financial support available. We have career oriented add-on- courses & also programmes to promote ICT capabilities. Our Alumni Association is active & supportive.

**Criterion-6 Governance and Leadership:** The College is the flagship institution of "*Manoharbai Shikshan Prasarak Mandal, Armori*" which was founded to take education to masses. The college is governed through a 'Local Management Committee' with majority representation from the *Mandal* whereas Principal is an implementing authority. Staff-Council and other committees help Principal in the implementation of programmes. There is a constant interaction between the management & the staff members.

**Criterion-7 Innovative Practices :** Internal quality assurance is done through committees on research, result, library besides feedback from students. We do take special efforts to sustain incremental growth of students from underprivileged section. To create climate conducive to learning we seek co-operation from all stake-holders, strengthens neighbourhood relationship and promotes social responsibility among students.

## **B. Criterion-wise Evaluative Report**

### **Criterion-1 : Curricular Aspects**

#### **1.1 Curriculum Design and Development**

1.1.1 State the vision and mission of the institution, and how it is communicated to the students, teachers, staff and other stakeholders?

##### **Our Vision**

- **Inclusion of the excluded**
- **Education for self-reliance**
- **Promotion of national integration**
- **Commitment to community**
- **Creation of environmental awareness**

##### **Our Mission**

- To open the portals of higher education to a class of students who are the victims of social apartheid, political apathy, and educational discrimination;
- To turn an educationally disadvantaged and socially discriminated tribal youth of this remote area into persons of confidence, courage and commitment;
- To develop in them a sense of belonging and inclusiveness;
- To groom them into responsible citizens committed to the general will of the larger community;
- To establish strong and healthy linkages with the community and organizations around our institution so that we can take education to the threshold of the hamlets and garner their co-operation for the benefit of the institution in general and students in particular;

- To infuse our students with the philosophy of Mahatma Gandhi and Rashtrasant Tukadoji Maharaj so that they may disseminate the ideals of humanity.

1.1.2 How does the mission statement reflect the institution's distinctive characteristics in terms of addressing the needs of society, the students it seeks to serve, the institution's traditions and value orientation?

- Our action states our mission. At present 98% of our students belongs to socially backward, educationally weak and economically staggering sections of the society. The main beneficiaries of our mission are the youth, with a good proportion of girls, of this backward region mainly from the underprivileged sections of the society comprising SC, ST, NT, VJT and OBC communities.
- The co-curricular activities of our college aim at the personality development of our target group. Such activities cultivate tolerance, co-operation and rational approach to the problems of the society. They also foster solidarity among them, build up self-confidence, and make them self-reliant.
- Cultural activities conducted to mark notable days/events ensure preservation and promotion of cultural heritage.
- Our institution interacts with the villagers around here under the banner of various activities such as NSS, adult education, women's right movement, right to education activities, counseling and reconciliation committee and movement against superstition.
- For our second year students from all streams at undergraduate level we have People's Biodiversity Register programme . Under this the students in groups study the ecological/ environmental issues of a study area / hamlet through

people's interaction. In the process they culture good relationship with villagers.

1.1.3 Are the academic programmes in line with the institution's goals and objectives? (If yes give details how the curricula developed /adopted address the needs of the society and have relevance to the regional/ national and global trends and development needs?)

Yes, to meet the institution's goals and objectives that align with the regional demands as well as the national and global we have introduced a spectrum of courses in science and humanities.

- The basic sciences such as Chemistry, Physics, Mathematics, Zoology, Botany and Geology make our students eligible to compete with city bred students at national level; humanities- Marathi and English Literature, Economics, Commerce, History and Politics- make our students sensitive to national and global issues /interests.
- Microbiology, Computer Science and Computer Application meet the national and global demands.
- Sericulture, Herbal Medicine and Maintenance of Home Appliances meet the regional/local needs.
- Recently introduced Environmental Studies meets regional and national interests.
- The ICT courses for UG level science stream and Computer Application at UG level commerce stream enhance the job prospects of our students in banking and IT sectors that are gathering steam.
- Our Add-on-Courses such as Herbal Medicine, Maintenance of Home Appliances, Sericulture, Spoken-English and Office-Automation are both

career and employment market oriented. They enhance the chances of self-employment and self-reliance.

1.1.4 How does the curriculum cater to inclusion/integration of Information and Communication Technology for equipping students to compete in the global employment markets?

- We introduced computer education in our college in 2002-03 to train our students in ICT to make them suitable for the global demands.
- We go on updating facilities to keep our students abreast of the developments in ICT.
- We set up internet services in the year 2005 particularly for the benefit of our students.
- The courses offered in B. Sc Computer Science, and Tally and IT in Commerce take into account global employment market in ICT.
- The training programme in basic and advanced skills in computer application, office-automation and add-on-courses make our students competent in the global employment market.

1.1.5 Specify the initiatives and contributions of the institution in the curriculum design and development process. (Need assessment, development of information data base, feed back from faculty, students, alumni, employees and academic peers, and communicating the information and fed back for appropriate inclusion in the statutory academic bodies,...)

We respond pragmatically after reading the pulse of our students and their guardians/ parents. Suggestions of teaching fraternity, on our formal meetings at workshops and conferences/seminars, are also considered. Remaining within our domain we plan and design new courses. We start need-based

courses after getting prior approval from the university. Members of the Board of Studies from our college pursue the case in the academic bodies once the proposals are submitted to the university. We designed courses such as Spoken English, Herbal Medicine and Maintenance of Home Appliances which are being taught here for the past two years. The Add-on-Courses we have in our college are the outcome of our deliberations and interaction with all concerned.

## 1.2 Academic Flexibility

### 1.2.1 What are the ranges of programme options available to learners in terms of Degrees/ Certificates/Diplomas?

There are nineteen programme options in our college for undergraduate and three at post graduate level that comply with Nagpur university directives/ rules.

Sr. no	Faculty	UG level	PG level	Add-on-course
1	Arts	01	02	
2	Commerce	01	00	
3	Science	01	01	
	Total	03	03	05

### 1.2.2 Give details of the following provisions with reference to academic flexibility, value addition and course enrichment:

- a) Core options, b) Elective options, c) Add-on-courses, d) Interdisciplinary courses, e) Flexibility to move from one discipline to another, f) Flexibility to pursue the programme with reference to the time frame(flexible time for completion).

Core option: English and Marathi.

Elective options: All UG and PG courses have elective options. Undergraduate students may opt for any three subjects having equal prominence from a range of subjects. But this is restricted to opting groups.

**A.i** Undergraduate programme (BA) offers English and Marathi as core options (languages) along with any three subjects as elective options as grouped below:

- a) History/ Economics/Geography
- b) Sociology/ Home-economics /Political Science
- c) Marathi literature/ English literature

In addition to these papers the second year students have Environmental Science as core subject.

**ii** Undergraduate programme (B. Sc) offers English and Marathi as core options (languages) for the first years along with any three subjects as elective options as grouped below:

- a) Physics, Chemistry and Mathematics
- b) Physics, Geology and Chemistry
- c) Chemistry, Botany and Zoology
- d) Chemistry, Microbiology and Zoology
- e) Chemistry, Microbiology and Botany
- f) Physics, Computer science and Mathematics

**iii** Undergraduate programme (B. Com) offers English and Marathi as core options (languages) in the first and second years along with any three subjects as elective options for the programme as grouped below:

I B. Com: Financial Accounts, Basic of Computer & Statistics, Economics, and Principles of Management, with Marathi and English as core options.

II B. Com: Financial Accounts, Economics, Cost & Management Accounts and Company Law and Secretarial Practices with Marathi and English as core options.

III B. Com: Financial Accounts, Economics, Business Communication & Management and Auditing & Income Tax.

All have to opt for any one from the following.

1) Human Resource Management

2) Information Technology

**B. i** Postgraduate studies (Humanities) offers History and Economics as core options.

**ii** Postgraduate programme (Science) offers Mathematics as core option.

(PG courses have no elective options)

**C.** Add-on-Courses:

Herbal Medicine,

Maintenance of Home Appliances,

Sericulture,

Spoken-English and

Office-Automation

**D.** Interdisciplinary courses: Add-on-courses are interdisciplinary courses.

**E.** Flexibility to students to move from one discipline to another:

The university system provides limited flexibility. Students cannot do more than one course simultaneously. Those desirous of doing a different/more

course may do so only after completing the course they chose initially. There is no bar on students pursuing Add-on-Courses simultaneously with their core/elective options.

**F. Flexibility to pursue the programme with reference to the time frame.**

It is mandatory for us to offer courses in accordance with the rules and regulations of Nagpur University to which our college is affiliated. As per the university regulations students enrolled in the university course through affiliated colleges have to complete the course within the time frame stipulated by the university: three years for UG course and two years for PG course. Those who fail may continue their studies as private/ external students.

**1.2.3 Give details of the programme available for international students**

(if any).

No exclusive programmes are available for international students. However, all the existing programmes are available to international students.

**1.2.4 Does the institution offer any self-financial programmes in the institution? If**

yes, list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification and salary etc.

Yes, the institution has three fully self-financed (PG level) and three partially self-financed (UG level) courses.

Fully self-financed courses:

- 1) M. A (History)
- 2) M. A (Economics)
- 3) M. Sc (Mathematics)

Partially self-financed courses:

1) Computer Science

2) Microbiology

3) IT in Commerce

The difference is only with regard to the fee structure and teachers' salary and appointments. All other things such as admission, curriculum, and teachers' qualification are the same as in government funded programmes.

Fee structure:

Since PG and Add-on-Courses are self-financed fee charged is proportionate to the expenditure incurred in running the course.

Salary: Salary to teachers in self-financed and Add-on-Courses is paid as per the contract entered into or on clock-hour basis.

### 1.3 **Feedback on curriculum**

1.3.1 How does the college obtain feedback on curriculum from students, alumni, parents and community, and employers and industries?

a) Feedback on curriculum from students:

We have a set of feedback proforma supplied by NAAC and modified by our teaching staff to obtain feedback on teaching, learning, facilities at college, support-services and other related issues. At the end of the academic year the proforma is distributed to a sample of ten percent students randomly to record their observations; the filled in forms are collected from them for analysis.

b) Feedback on curriculum from Alumni:

In the formal and informal meetings held with our old students we seek their suggestions and observations regarding the functioning of the college and the courses offered. Their suggestions and observations are taken note of in the development of the institution in academic and non-academic matters.

c) Feedback on curriculum from parents and community:

We get feedback from parents through a mechanism designed (Parent-Teacher Association) for the purpose. From community we receive feedback in the form of news-paper reports, letters/ oral communication to the Principal/ the management.

d) Feedback on curriculum from Employers and Industries:

After the project work/visits to the industries around here (Rice Mills, Paper Mills etc) our project officers approach the employers and get feed back on our students' performance, demands of the market, the skills to be developed, and the courses that may be introduced. This is reflected in the Add-on-Courses we designed and started in our college.

1.3.2 How is the above feedback analyzed and the outcome /suggestion used for continuous improvements and communicated to the affiliating university for appropriate inclusion?

We have set up special committees such as Feedback Mechanism Committee, Infrastructure Development Committee, and Result Improvement Committee to analyze the feedback. Relevant and feasible suggestions are considered for implementation after due discussion in the College Staff Council, and in the Local Management Committee of the college. In cases where the university's prior approval is required, the same is pursued in the university statutory bodies by our representatives in such bodies.

#### 1.4 **Curriculum update**

1.4.1 What is the frequency and the basis for syllabus revision and what are the major revisions made during the last two years?

Our institution follows the university norms. So whatever changes/revisions are made at the university level in the curriculum are followed by this institution. However, after considering the regional needs and the general demands on students we introduce career oriented programmes after informing the University. In the last two years we introduced programmes such as Herbal Medicine, Sericulture, Home Appliance Maintenance, Office-Automation and Spoken English.

1.4.2 How does the institution ensure that the curriculum bears a thrust on core values adopted by NAAC?

The curriculum of R.T.M Nagpur University contains the core curriculum recommended by the UGC and adopted by NAAC. The University curriculum ensures that the curriculum bears a thrust on core values by NAAC. We follow the university curriculum.

The pedagogy and the curriculum we have adopted promote the use of technology and quest for knowledge, develop global competencies, inculcate value systems among students, and contribute to the national development.

These are the very core values NAAC has adopted.

1.4.3 Does the institution use the guidelines of statutory bodies (UGC/AICTE/State Council of HE and other bodies)?

Yes, by virtue of being affiliated to R.T.M Nagpur University that follows the guidelines of UGC/AICTE/ State Council of HE and other bodies for developing and restructuring the curricula, we also follow the guidelines of

UGC/AICTE/ State Council of HE and other bodies for developing and restructuring the curricula.

- 1.4.4 How are the existing courses modified to meet the emerging/changing national/global trends?

Feedback from the stake-holders and interaction with teaching fraternity during various academic and non-academic events help us to formulate our thoughts on modifying/expanding the existing courses taking into consideration national and global demands. These are then communicated to appropriate body of the University for consideration.

## 1.5 **Best Practices in Curricular Aspects**

- 1.5.1 What are the quality sustenance and quality enhancement measures undertaken by the institution during the last five years in curricular aspects?

With a view to sustain and enhance the quality in curricular aspects we have introduced some new Degree/Diploma/Certificate courses at postgraduate and undergraduate level.

### **New Courses:**

At postgraduate level- M. Sc (Mathematics) and M. A (History and Economics);

At undergraduate level- Microbiology, ICT based course in B. Sc Computer science, and Tally-Accounting software in Commerce.

### **Career oriented and interdisciplinary courses:**

- Add-on-Courses (Herbal Medicine, Sericulture, Maintenance of Domestic Appliances, Office-Automation and Spoken English.),
- Environmental Studies,

### **Other related measures to sustain and enhance quality in curricular aspects:**

- Set up new computer laboratories;
- Established linkage with *Amhi Amachya Arogyasathi*, an NGO for herbal medicine course;
- Completed feedback from all stakeholders; its analysis done to the satisfaction of all.
- Renewed focus on computer and internet accessibility and availability to students particularly;
- Established a continuous evaluation of students through internal assessments;
- Organized several national and state level seminars, conferences, and workshop, and
- Drew academic work plan/diary to plan and monitor the pace of teaching.
- Conducted a training programme for the staff in Basic/Advanced Skill in Computer Application.

1.5.2 What best practices in curricular aspects have been planned /implemented by the institution?

We have planned to introduce some new self-financing undergraduate courses such as

- BCA, BBA, B.COM (IT), Biotechnology, and two more PG courses;
- ICT based courses like PGDCS, PGDCA, computer hardware certificate and diploma courses and some career oriented courses, and intent to
- Start research centre for Botany, Mathematics, Physics and Chemistry.

## **For Re-accreditation**

1. What are the evaluative observations made under curricular aspects in the previous assessment report and how have they been acted upon?

Evaluative observations made in previous assessment report are:

- a) The college may constitute a subject sub-committee to recommend the changes in the course curriculum so that these could be forwarded to the University for Consideration.

### **Measures undertaken:**

Since most of the departments in humanities are one-man departments formal subcommittees were not constituted. However, teachers were asked to give recommendation for changes in their respective course curriculum. Our teacher representatives took it up with the university/academic statutory bodies. .

- b) The college authorities should take necessary steps to introduce sericulture, microbiology, fashion designing at UG level, some postgraduate programmes; coaching centre for the benefit of the students taking competitive examination such as UPSC and MPSC examinations; NCC unit.

### **Measures undertaken:**

At the undergraduate level the college started microbiology in the year 2006-07;

- The college started in 2005 need based and job-oriented certificate and diploma courses, termed as Add-on-Courses, to meet local needs. So far the college has introduced five Add-on-Courses: Herbal Medicine, Sericulture, Maintenance of Domestic Appliances, Office-Automation and Spoken English. We do not charge any fees from students attending Spoken English

class since most of our students are from poor families. Our dedicated teachers do it without claiming any remuneration for it.

- At the postgraduate level the college has started three programmes: M. A History, M.A Economics and M. Sc Mathematics.
- The college has submitted the proposals to the UGC for starting ‘Coaching Classes for Entry in Services’ with the intention of starting coaching classes and guidance centre for competitive examinations particularly for services such as MPSC, Banking and UPSC.
- The college has also established Employment and Guidance Centre. The centre organizes seminar, informs our students of career opportunities and prepares them for future challenges.

The college has already applied for an NCC unit. But we are yet to get any response.

- c) The college will do well in developing self-financing courses like home appliances repairing, farm machine repairs, office-administration, courses and IT courses including computer application.

**Measures undertaken:**

The college has started these courses under the nomenclature ‘Add-on-Courses’; IT and Computer Application are in degree level.

- d) A well-structured communication channel should be established for collecting feedback from academic peers and employers which can be utilized for enhancing functional efficiency of the college.

**Measures undertaken:**

We obtain feedback from the local employers and industry. It informs us of the suitable jobs/skills and the job market. Based on this the college designed and started job- oriented Add-on-Courses such as Herbal Medicine, Maintenance of Home Appliances, Sericulture, Office Automation and Spoken English.

Feedback is also obtained from academic peers through formal and informal interaction with them at various academic and non-academic events.

- e) The college should take steps to implement the suggestions offered by students, parents and the alumni.

**Measures undertaken:**

Students, parents and alumni demanded Mathematics, History and Economics at PG level, Microbiology at UG level and certificate courses in office automation as a multi-disciplinary course. The college considered their demands and started these courses in right earnest after due process.

- f) What are the other quality sustenance and enhancement measures undertaken by the institution since the previous assessment and accreditation with regard to curricular aspect?

**Measures undertaken:**

- Started PG courses in science (Mathematics) and humanities (History and Economics),
- Career oriented courses/ interdisciplinary programmes like Herbal Medicine, Maintenance of Domestic Appliances, Sericulture, Office-Automation and in Spoken English,
- ICT based course in B. Sc Computer Science and Tally in Commerce;

- Introduced environmental studies as a compulsory subject at UG second year course in all the three streams;
- Established linkages with an NGO *Amhi Amchya Arogya Sathi*;
- Renewed focus on computer and internet accessibility/availability;
- Put thrust on the development of the existing courses;
- Started collecting feedback from the stake holders, and
- Hold continuous evaluation of students through internal assessment.

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## Criterion- 2 : Teaching-Learning and Evaluation.

### 2.1 Admission process and student profile.

#### 2.1.1 How does the institution ensure wide publicity to the admission process?

(Prospectus, Institutional website, advertisement in regional/national newspaper, any other specify.)

We give wide publicity to the courses offered through the college prospectus, institutional website, and through advertisements in regional/national newspapers as follows:

- The prospectus we supply to students along with the application form also serves as an advertisement of the admission process and the courses offered. Aspiring students can get the prospects on payment of Rs 20/- during the office hours after the publication of the results of the qualifying examination. We have set a time limit for the distribution of the application forms. The prospectus contains detailed information on the courses offered, the date of submission of application forms, course fee, selection process, reservation of seats, scholarships available, the facilities at the college, and the list of faculty with their academic qualifications.
- Admission notification is also posted on the college website [www.mgcollegearmori.org](http://www.mgcollegearmori.org).
- We advertise the same in leading local/regional dailies in English and Marathi.
- To reach villages we send out handbills announcing the admission to various courses offered in our college.
- Our teachers approach prospective students and their parents informing them of the course, the admission process and financial assistance available to poor students.

2.1.2 How are the students selected for admission to the following course? Give the cut off percentage for admission at the entry level? General, Professional, Vocational.

Our portals, in principle, are open to all those desirous of continuing their studies. But, in UG courses, when the number of aspirants exceeds the number of seats allotted to different programmes, we screen the aspirants by adopting merit system (based on the percentage of marks obtained by the candidate in the qualifying examination subject to a minimum of 35% of marks.)

For the PG courses the admission is based on merit.

For vocational courses (COPS) we follow merit-criteria.

The reservation policy of the government of Maharashtra/India is applied in admission to all courses.

2.1.3 How does the institution ensure transparency in the admission process?

- The institution follows the admission schedule fixed by the university giving details of the admission process: cost of application form, fee structure, courses offered, date of admission, and the availability of seats in different courses.
- The institution issues prospectus and the application form to students on request on payment of Rs 20/- during the office hours honouring the time schedule fixed by the university.
- We process the application and come out with a list of selected candidates and a wait list, based on the marks scored in the qualifying examination.
- Names of the selected candidates are displayed on the notice board with the percentage of marks scored and the admission criteria followed (reservation category).

- Request for interdisciplinary transfer is entertained if seats are available in the course/s to which a student seeks transfer.
- Transparency is ensured from the stage of notification till the completion of admission process.
- In case of grievance, the aggrieved student may approach the college principal for redressal.
- On completion of the admission process, necessary information along with the relevant records is sent to the University for approval.

2.1.4 How do you promote access to ensure equity? (Students from disadvantaged community, women, differently-abled persons, economically weaker section, sports personal, any other specify)

- At the time of admission we inform students of the various financial assistance and other facilities available to them particularly to girl students and unprivileged students.
- We ensure access to HE to these students by meticulously following the preferential treatment/affirmative action of the state government and the policy/regulations of the university.
- We see that the financial assistance they deserve reach them in time.
- The status of students who enjoy the affirmative action/preferential treatment of the state government and the university are as follows:

SC 15 %, ST 7.5% OBC 19%, SBC 2% NT / VJ 11%, Women 33%

However, it is observed that more percentage of these categories are admitted; example in the year 2009-2010 the percentage was as follows:

- a) Disadvantaged Community: Reservation for the students from disadvantaged community is as per the state government/university norms.

- b) Women: There is no reservation policy exclusively for girl students at the admission stage. But we have hostel accommodation exclusively for girls, free of cost, next to the college campus that acts as an incentive for girl students to pursue college education.
- c) Differently-abled persons: We follow the government directives that reserves 3 % seats to such students. Apart from this we make their stay in the campus comfortable by shifting their classes to the ground floor when such students find it hard to negotiate elevators.
- d) Economically weaker section: The government affirmative action is extended to the economically weaker section of the society/students also. In addition to this the institution reaches out to them by giving concession in the admission fee; sometimes to the extent of waiving admission fee to deserving candidates.
- e) Sports personal: Students who excel in sports at national and regional level are given preference in admission at the first stage.

The benefit of reservation extended to all at all levels of the course (UG/PG) ensures students' accessibility to all the courses.

## **2.2 Catering to Diverse needs.**

- 2.2.1 Is there a provision for assessing the students' knowledge and skill before the commencement of the programme? If yes give details on strategies of the institution to bridge the knowledge gap of incoming students for enabling them to cope with programmes to which they are enrolled.

There is no formal provision for assessing students' skill at the entry level. However teachers during their regular classes at the commencement of the

programme, assess the skill and the basic knowledge of students in the subject to formulate their strategy.

2.2.2 How does the institution identify the advanced learners? Give details on strategies adopted for facilitating slow and advanced learners.

The advanced and slow learners are identified by the teachers concerned based on their performance in the class-room activities: testing four skills in language classes and by holding 'entry test' in science.

- Advanced learners- Teachers assign topics of study to advanced learners to make their study challenging, and give them titles of reference books and other relevant books to widen their knowledge on the subject/topic. Occasionally teachers spare their books from their personal library. Advanced learners are also assigned some tasks such as work on a seminar topic, a project, and field survey. We allow them to use internet to collect data on selected topics for discussion/seminar.
- Slow learners- For the slow learners it is mostly class-room exercise: teaching the structure of language in language classes, explanation of concepts/terms, topics, discussion, and revision in subject classes. This is done mainly to build up confidence in students and to prepare them for the course work.

We have submitted a proposal to the UGC for remedial coaching classes for the disadvantaged community of students.

2.2.3 Does the institution have a provision for tutorials for students? If yes, give details.

Yes, there is a provision for tutorials in compulsory languages and science subjects. We hold it as per the university norms: 1/4<sup>th</sup> of total periods/hours allotted for a subject / language is for tutorials (4 lecture/theory hours/periods

+1 tutorial). A tutorial class is a batch of 20 students. In a class of 80 students, there are 4 tutorials.

2.2.4 Is there a provision for mentoring of students or any similar process? If yes, give details.

There is no formal provision for mentoring of students. But for the environmental study project work we divide the second year students into thirty batches of 10-12 students each with a teacher to guide. This helps him to strike a rapport with students. As a result students take their teacher/s into confidence. Apart from this, teachers heading various bodies such as Employment and Guidance Cell, Adult Education Committee, Women Welfare Wing and NSS Unit interact with students beyond the academic world.

2.2.5 How does the institution cater to the needs of differently-abled students?

Apart from following government directives on affirmative action in admission for differently-abled students we see that they are made comfortable in the campus, class-rooms and in the laboratories.

- The Institution on its own offers them sufficient concession in admission fees on request;
- Classes are shifted to ground floor;
- A mentor looks into their problems related to the course work, library facility and examinations;
- Additional books from the library are given to them for long-term use;
- During the university examinations special arrangements are made for such students remaining within the norms;

- To make their stay in the campus more comfortable we have submitted proposals to UGC for buying screen reading software, low-vision aid scanners, and constructing ramp/ rails, and special toilet rooms.

### **2.3 Teaching – Learning Process**

2.3.1 How does the institution plan and organize the teaching–learning and evaluation schedule (academic calendar, teaching plan and evaluation blue–print etc)

- Institution follows an academic calendar for all its academic programmes. The academic calendar is prepared by a committee of faculties in-charge headed by the principal. The committee considers the Feedback from students and parents and directions of the management. The committee follows UGC/ University guidelines/circulars regarding academic working days.
- Teaching plan is prepared at the beginning of the scholastic year taking into account the general teaching schedule, examinations, seminars, and other academic related activities of the college. The college council monitors teaching schedule. The heads of departments review teaching schedule.
- At the beginning of the academic session, teachers are given academic diary where they record both macro and micro plan of teaching that helps them plan the course giving due importance to different segments.
- As a part of evaluation process we have unit tests after the completion of units in all classes. Evaluation is a routine process, say after every lesson or segment. Comprehensive questions in the class ensure students understanding of and their participation in the class. We also conduct terminal and final examinations to give students a taste of and prepare them for their annual examination.

- First terminal examination is held before the college closes for Diwali vacations.
- Model examination is held a month before the annual examinations.
- To make winter vacation worthwhile we give home assignments to be done during the vacation. These are evaluated and returned to students with comments/directions.
- The result of the unit tests/ model examinations is handed over to students along with answer sheets with comments/remarks.
- We also take appropriate remedial measures to rudder students in the proper direction.

2.3.2 What are the various teaching–learning methods (lecture method, interactive method, project based learning, computer assisted learning, experimental learning, seminars and others) used by teachers? Give details.

- All the Undergraduate and Postgraduate courses in the institution use lecture method to introduce the topic, theories, and concepts.
- Some of the courses have study tour programmes, practical session, and project work. Group project work/survey, and home assignments are also given to develop team spirit.
- We use modern electronic teaching aids (CD /DVD player, LCD projector, OHP, and computers) in some departments such as language (English) Physics, Computer Science, Botany, Zoology and Mathematics.
- Special lectures are organized and experts from other institutions address students and teachers under the programme of external lecture series
- Use language laboratory

- Students' seminars on select topics are also held to encourage/ensure their participation.

2.3.3 How is learning made student–centric? What are the institutional strategies which contribute to the acquisition of life skill, knowledge management skill, and life long learning?

Considering the 'status' of students we restrict lecture method to minimum. In its stead, we elaborately use explanation of the text. It is supplemented with project work/assignments, group discussion, student seminar/ symposium, essay competitions (in all subjects), and collecting materials related to the course. Teaching sessions outside class-rooms (visits to local industries, Bengali settlements, forest nurseries, local wildlife sanctuaries, study tours, and PBR studies) demand greater participation of students in gathering information on their own. In such sessions teachers remain as observers/supervisors. In programmes like PBR (People's Biodiversity Register) students in groups are entrusted with the task of collecting data related to environment/ecology. Departments of Sociology and Home-Economics have formed student bodies that organize programmes related to course work and conduct field-work to collect data on socio-economic, and women and child health.

2.3.4 How does the institution ensure that the students have effective learning experiences (use modern teaching aids and tools like computers audio–visuals/multimedia, ICT, CAL, internet and other information / materials)

The college has a modest stock of modern teaching aids like LCD, VCD player, OHP and computers. These are at the disposal of teachers.

- Modern teaching aids like LCD, OHP and computers (desk top and lap top) are extensively used in science classes. They are used in language and literature classes also. Some teachers bring their own lap tops as a matter of convenience. In language and literature classes laptop is used to give a taste of Elizabethan theatre and Elizabethan drama and to give them a lesson on English speaking. Useful materials are downloaded for better preparation and delivery.
- Laptops are used for presentation in classes to give a hi-tech atmosphere in the class.

2.3.5 How do student and faculty keep pace with the recent developments in the various subjects?

The faculty keeps pace with the recent developments

- by reading/subscribing various professional and non-professional standard / international magazines (National Geographic Magazine, Time, Voices, English Teaching Forum, Journal of Indian Literature, Prerana, Journal of Bio-sciences, Current Science, Resonance Journal of Science Education, Bulletin of Material Science, Journal of Chemical Science, Journal of Earth System Science, Proceedings Mathematical Science, Journal of Astrophysics and Astronomy, Sadhana (Academic Proceedings in Engineering Science, and Journal of Genetics) and possessing/reading new titles
- by participating in seminars/conferences of various level
- by keeping their membership live in different academic and non-academic international and national bodies
- Some of our teachers are members of National Geographic Society (USA), International Association of Teachers of English as a Foreign Language (UK),

Thermal Stress (USA), Indian Science Congress, Indian Aerobiological Association, Indian Chemical Society and Godwana Geological Association (India). Teachers pass the information on to their students and exhort students to be in touch with the world around them by reading/watching/ surfing internet/ TV programmes news papers/magazines. For the benefit of students seminars are held with guest teachers from other colleges addressing them.

2.3.6 Are there departmental libraries for the use of faculty and students? If yes how effectively are they used for the enhancement of teaching and learning?

College does not have department libraries due to various constraints. However, teachers use their discretion in loaning their personal collection to advanced learners to do/complete assignments.

2.3.7 Has the institution introduced evaluation of teachers by students? If yes how is feedback analyzed and implemented for the improvement of teaching?

- Yes, the institution has introduced evaluation of teachers by students. We have a set of questionnaire, supplied by NAAC (modified by our teachers to elicit more information from students) for the purpose. At the end of the course feed back forms are supplied to 10% of students randomly for them to record their remarks on teachers/teaching/ course content. The forms then are collected and the IQAC analyses the feed back forms.
- The outcome/ analysis of evaluation is intimated to teachers individually for them to know their strength and weakness and thus to improve their performance.

## 2.4 Teacher quality

2.4.1 How are the members of faculty selected? Does the college have the required number of qualified and competent teachers to handle all the courses? If not how does the institution cope with requirements?

- The institution follows the UGC/ Nagpur University and Maharashtra Government rules and regulations in selecting teaching staff. Whenever a vacancy arises, the institution submits the proposal to the university and the government (Joint Director of Higher Education, Pune) for approval. On getting the approval form both to go ahead, the post is advertised in national and regional news papers (English and Marathi) with full details regarding required educational qualification, nature of the vacancy and salary. Applicants are shortlisted and supplemented with the names of eligible candidates supplied by the university. A selection committee is constituted as per the UGC, the government and the Nagpur University rules/stipulations (GR. No. NGC-1228/946190/UNI, 4, 11<sup>th</sup> DEC, 1999 and University Direction no.45 of 2001). Date of personal interviews is fixed, and call letters are sent to shortlisted candidates, giving them reasonable time, asking them to appear for an interview. The selected candidates are appointed on a temporary basis, and their papers along with the selection committee's minutes are sent to the university and the government for approval. On getting the approvals appointment is finalized.
- Because of a strict government regulation on recruiting fresh candidates the college is short of a few NET/SET qualified hands. To such posts temporary/guest/contributory appointments are made purely on clock-hour/contract basis in exigencies to run the course. However, even for these temporary/ad-hoc appointments due sanction from the university is obtained.

2.4.2 How does the college appoint additional faculty to teach new programmes / modern areas of study (biotechnology, IT etc)? How many such appointments were made during the last three years?

When new courses are introduced the government sanction for filling new post takes time. Till such a time government sanction comes, the institution appoints guest teachers purely on temporary/ contributory/ clock-hour basis. The management meets the expenses of the teachers thus appointed. Even for the temporary appointment the post is advertised in regional and national dailies (One English and one Marathi) to invite candidates from other universities/states. The selection committee for such appointments comprises the president of the institution, the principal, the head of the department/s and subject experts from other colleges.

During the last three years – four appointments on contract basis were made.

2.4.3 What effort are made by the management for professional development of the faculty (eg research grants, study leave, deputation to national / international conferences / seminar training programs, organizing national and international conferences etc) ? How many faculties availed of these facilities during last three years?

The management gives all support in organizing national/international seminars/ conferences. It even foots the bills if the UGC financial assistance is not sufficient to meet the bill.

The management encourages teachers to take up major/ minor research projects with UGC financial assistance.



2.4.4 Give details of the awards/ recognition received by the faculty during the last five years?

1) Dr S. B Rewatkar (Chemistry)

- State level ‘Mahtma Jotiba Fule Award’ sponsored by Dr Panjabrao Deshmukh Rashtriya Shikshak Parishad, Beed in 2007-08.
- University Level Ideal Teacher (College Category) Award on 4 August 2008

2) Dr L. H Khalsa (Mathematics) National Vidya Saraswati Award by Indian Solidarity Council on 11 February 2008.

3) Mr Kalbandhe (Superintendent) ‘The Best College Employee Non-Teaching Category Award’ from RTM Nagpur University in August 2007.

4) Mr Nomesh Meshram (English) His *Vedaneche Abhal Jhale*, a collection of poems fetched a number of awards:

- a) *Warnecha Wagh* a state level award by *Dnyan Probhodini Sahitya Parishad*, Kolhapur 21 Dec. 2008.
- b) B. Akram Hande State Level *Grantha Nirmiti* Award -2008 at Islampur Sangli on 19 April 2009.
- c) Sarvodaya Best Book of Poetry Award-2008 by *Sarvasamaveshak Mandal Jalgaon* on 9 August 2008.
- d) *Vushwendu Jaibhim Ambedkar Kavi Puraskar* On 25 Dec 2008
- e) *Ankur Sahitya Sammelan Akola Puraskar* 2008

2.4.5 How often does the institution organize training program for the faculty in the use of

- a) Computers
- b) Internet

- c) Audio-visual aids
- d) Computers aided packages
- e) Material development of CAL, multimedia etc.

The institution organizes training programmes for the staff, both teaching and non-teaching, on new technologies at the Computer Center of the Institution. But most of our teachers are computer literate and are familiar with the existing teaching aids.

## **2.5 Evaluation process and reforms.**

- 2.5.1 How are the evaluation methods communicated to students and other institutional members?

The institution displays the university notification/notice regarding the course, examination pattern, maximum marks, time allotted and the minimum marks required for passing the examination. In addition to this teachers inform students of the methods adopted in evaluation (theory and practical) at the university examinations. To prepare students for the annual/final year examinations the institution holds unit/terminal/model examinations on the pattern of university examination. The answer sheets/books are returned to them with remarks/ suggestions on how to improve their results. Teachers guide students on the method of writing the university examinations.

- 2.5.2 How does the institution monitor the progress of the students and communicate it to them and their parents?

The institution monitors the performance of students by assessing their activity in the class/campus: comprehensive question/ answer sessions, class/home assignments, project work, unit tests, seminars and by assessing

their performance in other college activities such as extension, cultural and literary activities. We write to their parents regarding the performance of their wards at college. To students we give assessment report, orally, regarding their activities other than curricular. On curricular activities, we show their answer sheets/books with comments/ suggestions on how to improve. Formal and informal contact with the parents also ensures better attendance of students in college.

2. 5.3 What is the mechanism for redressing grievances regarding evaluation?

Teachers give a sympathetic hearing to the grievance of students regarding evaluation. After counseling with the subject teacher the student may challenge the valuation.

RTM Nagpur University has a provision for the same.

2.5.4 What are the major evaluation reforms initiated by the institution /affiliating university? How does the institution ensure effective implementation of these reforms?

The institution has introduced some modern internal evaluation reforms/systems such as continuous assessment of students. For the evaluation of students' performance we hold unit/terminal examinations, laboratory/library work, assignments, group activities, and project work. The teachers encourage students to work systematically. Attendance /initiative/interest in seminar is also considered. The institution takes into consideration students' performance in co/extra-curricular activities also such as sports and games, and other socio-cultural/literary activities.

## **2.6 Best Practices in teaching–learning process.**

2.6.1 Detail any significant innovation in teaching/ learning /evaluation introduced by the institution.

- Use modern teaching aids such as OHP, LCD projector, computers, internet browsing are used in teaching- learning process.
- Organize seminar/workshop/conference both for students and teachers separately.
- Arrange project work, study tours and assignments.
- Hold external lecture series both for students and teachers with guests from other colleges/retired persons.
- Give thrust to faculty development programmes, encourage teacher participation in seminars, conferences, workshops, Ph. D programmes
- Prepare micro teaching plan is prepared at the beginning of the academic year.
- Use language laboratory
- Use internet surfing and downloading useful study materials.

### **For Re-accreditation**

1. What are the evaluative observations made under teaching-learning and evaluation in the previous assessment report and how have they been acted upon?

Evaluative observations made in previous assessment report are:

- a) The teaching departments should participate in programmes like COSIP / COHSSIP / COSIST with the assistance of the UGC.

#### **Measures undertaken:**

These programmes are not applicable to us.

- b) The college is advised to establish Language Laboratories.

#### **Measures undertaken:**

The college has established a modest language-laboratory exclusively for the use of students of both language and Spoken-English classes.

- c) Multi-media projection facilities could be used by the teachers to improve upon their teaching.

#### **Measures undertaken:**

The college has a modest arrangement of modern teaching aids like LCD, VCD player, OHP and computers. Teachers avail of these facilities to improve upon their teaching. These are extensively used in science classes and moderately in language and literature classes. Some teachers bring their own lap tops as a matter of convenience.

- Laptops are used in science classes for presentation in classes to give hi-tech atmosphere in the class.
- Useful materials are downloaded for better preparation and delivery.

d) Remedial coaching classes for the educationally disadvantaged and well-defined structured programmes for the advance learners should be properly provided.

**Measures undertaken:**

- As for remedial teaching there is a provision for tutorials in compulsory languages and science subjects. We hold it as per the university norms  $1/4^{\text{th}}$  of total periods/hours allotted for a subject/language is for tutorials (4 lecture/theory hours/periods +1 tutorial). A tutorial class is a batch of 20 students. In a class of 80 students, there are 4 tutorials.
- As a part of the remedial measure we monitor the progress of students. Where we find them weak, we give all our help to improve their standard by taking special care of them; loaning books from teachers' personal collection, and by suggesting them to culture reading habit that improves their general perception of the world around them.
- We take care of differently-abled students also.
- Advanced learners are assigned some tasks such as work on a seminar topic, a project, and field survey. We allow them to use internet to collect data on selected topics for discussion/seminar.

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## Criterion- 3 : Research, Consultancy and Extension

### 3.1 Promotion of Research

- 3.1.1 Is there a research committee to facilitate and monitor research activity? If yes, give details on its activities, major decisions taken (during the last year) and composition of the Committee.

Yes, there is a research committee of three teachers to coordinate the research activity in various departments. The committee consists of Dr S.G Kukreja, Dr S. B Rewatkar, and Dr L.H Khalsa. The committee guides teachers in presenting papers/ publishing journals /registering for Ph. D and submitting major and minor research projects and sending progress report to U.G.C. The committee recommends for subscription in the library research journals/periodicals for the benefit of the research scholars, assesses the work and sends periodic reports to the UGC, deliberates on the needs of the major and minor research projects, and recommends equipment to be bought. Last year the committee deliberated on the request of Mr Chavan of Zoology and Mr Dorliker of Geology for study leave under FIP and recommended their cases to the college management which in turn granted their request.

- 3.1.2 How does the institution promote faculty participation in research? (Providing seed money, research grants, leave, other facilities)

The institution encourages teachers to undertake research activities and to submit research proposals to various funding agencies. In deserving cases, teachers engaged in research work are granted both short and long term leave to facilitate their research work. In the academic sessions 2004-06, 3 teachers were granted 2 years' study leave under FIP. In the current session 2009-10, 2 teachers are granted study leave under FIP for two years. The institution grants

duty leave for doing work outside campus, encourages their participation in research conference, gives financial assistance to those who present papers national/international conferences, gives secretarial assistance to fellows, and grants internet facility to them.

3.1.3 Does the institutional budget have a provision for research and development? If yes, give details.

Yes, the institutional budget has a provision for research and development. It is given below:

S.No.	Allocation Head	Amount
1	Traveling Assistance	1,00,000
2	Journals	40,000
3	Equipment	1,00,000
4	Contingency	20,000

Other Source for research activity through financial Assistance from UGC for

- 1) Minor Research Project
- 2) Major Research Project
- 3) Organizing Conferences and seminar
- 4) Career oriented courses

3.1.4 Does the institution promote participation of students in research activities? If yes, give details.

The institution promotes participation of students in research activities. We allow research scholars to use our laboratories on some nominal fees. Last year three M. Phil research scholars availed of the facilities available in the college.

3.1.5 What are the major research facilities developed on the campus?

We have the following equipment/facilities for conducting research work:

Autoclave, Air-Sampler, Petrological – Microscope, Microtome- Rotatory, Microtome- Rocking, Software: Mathematics, Spectrophotometer, Bacteriological Autoclave, Bacteriological Hot-air Oven and Colony Counter Chamber.

3.1.6 Give details of the initiatives taken by the institution for collaborative research (with national/foreign universities/ Research/Scientific organizations/ Industries / NGOs)

We encourage the teaching staff to carry out research work in reputed institutes.

The following faculty members are involved in collaborative research work with reputed institutes.

1. Dr. L.H. Khalsa is a co-investigator in the major research project entitled “Some Direct and Indirect Thermoplastic Problems”. This investigation is being carried out at the Department of Mathematics, R.T.M. Nagpur University, Nagpur. The project is funded by UGC to the extent of Rs 6,52,000/- and Dr. N.W. Khobragade, Professor, Dept of Mathematics is the Principal Investigator.

Outcome: The work is in full swing; they have published ten research papers so far in various journals.

2. Dr. S.G. Kukreja is actively involved in the research work on “Diversity of Micro Fungi” in collaboration with Professor (Mrs) A.A. Saoji, Ex. Director of the Institute of Science, Nagpur at the Institute.

Outcome: They have presented one research paper in national conference at Nagpur 2008-2009

3 New collaborative research work:

The details of the faculty members involved in research work in 2008-09

Sr. No.	Subject	Name of the faculty	Name of Collaborator and Department
1	Physics	Mr. R.M. Thombare	Dr. Suryavanshi: Institute of Science, Nagpur
2	Physics	Mr. S.B. Gedam	Dr. Suryavanshi: Institute of Science, Nagpur
3	Physics	Mr.C.D. Mungmode	Prof. S.V. Mohril: Dept. of Physics R.T.M Nagpur University, Nagpur.

- 4 The college works in the area of Herbal Medicine in collaboration with an NGO *Amhi Amchya Arogyasathi* Kurkheda for which an MoU has been signed.
- 5 We held a Workshop on Maharashtra Gene Bank in collaboration with Agharkar Research Institute, Pune and *Vrikshmitra*, Chandrapur on 25 January 2008

### 3.2 Research and Publication Output

- 3.2.1 Give the details of the research guides and research students of the institution (Number of students registered for Ph. D and M. Phil, fellowship/ scholarship, funding agency, Ph. Ds and M. Phils awarded during the last five years, major achievements, etc)

Supervisor	Department	Programme	Number of students	Remarks/ Thesis
Dr L.H. Khalsa	Mathematics	Ph. D and M. Phil RTM Nagpur University		
Dr S .B. Revatkar	Chemistry	M. Phil, Vinayaka Mission University	03	Submitted

Dr S. G Kukreja	Botany	Ph. D & M. Phil RTM Nagpur University	01	Submitted
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3.2.2 Give details of the following:

a) Departments recognized as research centers

Nil

b) Faculty recognized as research guides

Supervisor	Department	University	Programme
Dr L.H. Khalsa	Mathematics	RTM Nagpur University	Ph. D & M. Phil
Dr S .B. Revatkar	Chemistry	Vinayaka Mission /RTM Nagpur University	M. Phil/ Ph D
Dr S. G Kukreja	Botany	RTM Nagpur University	Ph. D & M. Phil
Dr R.M Thombre	Physics	RTM Nagpur University	Ph. D

c) Priority areas of Research

Sr. no	Faculty	Priority areas of Research
1	Dr. L.H Khalsa	<ul style="list-style-type: none"> <li>- Boundary value problem in heat conduction (AMS )34B05,34B07</li> <li>- Partial differential equations (AMS 35J25, 35J67, 35K0535K20, 35K35, 35K50)</li> <li>- Integral transforms ((AMS44A05,44A10)</li> <li>- Special functions (AMS33C10)</li> <li>- Thermo-elasticity</li> <li>- Operation research</li> </ul>
2	Dr S.G Kukreja	Aerobiology, Mycology, Algae
3	Mr J.N Papadkar	Reproductive Endocrinology
4	Mr R. N. Chavhan	Limnology Iqneous Petrology
5	Mr C. P. Dorlikar	Geology and Geo-chemistry of Mafic Rocks

6	Mr H.W. Khandare	Economic-Geology
7	Dr R.M Thombre	-Optical and Electrical Properties of Binary and Ternary Thin Films using CBD and Spray Pyrolysis - Crystal Growth Micro-wave Studies
8	Mr S.B Gedam	Dielectric Measurement of Liquid and Gases Material
9	Mr C. D Mungmode	Inorganic luminescent Materials
10	Dr V.S Edlabadkar	Peoples' Participation in Conservation of Biodiversity
11	Mr G. P Juare	Synthesis, Characterization and Ion Exchange Preparation of Tarcopolymers and Thermoset
12.	Dr S.B Rewatkar	Kinetics and Water Sapling
13	Mr S.M Sontake	Spectroscopy, Environment Chemistry
14	Dr K.J Francis	Advancement of Learning English (Middle and High school teachers)
15	Mr N.N Meshram	Study of Problematic Factors Affecting English Learning of Undergraduate Marathi Medium Students from Gadchiroli District

d) Ongoing faculty Research Projects (minor, major, funding from the Government, UGC, DST,CSIR,AICTE, Industry, NGO, or international agencies)

Sr. No	Principal Investigator/ Co- Investigator	Department	Research Project	Funding Agency	Outlay	Year	Status
1	Dr. Dadve. J. V.	Geography	Minor	UGC	60,000	17-01-05	Completed
2	Dr. Khalsa L.H.	Mathematics	Minor	UGC	65,000	21-12-06	Completed
3	Dr. Dadve. J. V	Geography	Minor	UGC	30,000	21-12-06	Completed
4	Mr.Tamgale G. S.	Sociology	Minor	UGC	73,000	30-12-06	Completed
5	Mr. Ghonmode R.V	History	Minor	UGC	75,000	30-12-06	Completed
6	Dr.Kukreja S.G.	Botany	Minor	UGC	1,00,000	17-01-07	Completed
7	Dr. Khalsa L.H. (co-investigator)	Mathematics	Major	UGC	5,56,000	5-08-07	On Going
8	Mr.Khandare H.W.	Geology	Minor	UGC	60,000	29-12-07	On Going
9	Dr. Francis K.J.	English	Minor	UGC	40,000	05-02-08	On Going
10	Mr.Sontakke S. M.	Chemistry	Minor	UGC	65,000	05-02-08	On Going
11	Mrs.Wanjari V.P.	Marathi	Minor	UGC	65,000	22-10-08	On Going
12	Dr. Khalsa L.H	Mathematics	Minor	UGC	30,000	22-09-09	On Going
13	Mr. Papdkar J.N.	Zoology	Minor	UGC	90,000	05-10-09	On Going
14	Dr. Khalsa L.H	Mathematics	Major	UGC	10,68,000	18-01-10	On Going
15	Mr. N. N. Meshram	English	Minor	UGC	70,000	4-4-2010	On Going

e) On going Student Research Projects (Title, duration, funding agency, total funding received for the project).

Nil

3.2.3 What are the major achievements of the research activities of the institution (findings contributed to subject knowledge, to the industry needs, community development, parents etc) ?

Sr. no	Faculty	Major achievements/findings
1	Dr S.B Rewatkar (Chemistry)	The work provides very precise method to determine very low concentration of arsenic in polluted water. It gives important method to environmentalists to measure arsenic in drinking water.
2	Dr K.J Francis (English)	i) Established that there is thematic unity in the poetry of William Wordsworth and Rabindranath Tagore. (Ph. D) ii) Established from internal evidence that 'Dejection Ode' rings of joy and hope as against the popular theory to the contrary. (Research Paper)
3	Dr V.P Wanjari (Marathi)	Established that the woman as depicted by Vijayabai Rajyadhyaksha stands for cohesive family as well as society as against the one depicted by extreme feminist authors previously.
4	Mr R.V Ghonmode	The great Maratha General Sadashivrao Bhau is held responsible for the defeat at Panipat by most of the historians. The investigator has brought into light

5	Dr Kukreja	<p>many aspects which try to demolish this widely accepted claim of historians.</p> <p>i) By controlling the fungal spore at the time of paper manufacturing the durability of paper can be increased.</p> <p>ii) <i>Aspergillus</i>, <i>Pencillium</i>, <i>Curvularia</i>, <i>Cladosporium</i>, <i>Trichoderma</i>, <i>Chaetomium</i>, <i>Alternria</i> are mainly present in library environment and are recognized as paper deteriorators.</p> <p>iii) <i>Azadiraehta indica</i>, <i>Cassia tora</i>, <i>Ficus religiosa</i>, <i>Lantana camara</i>, <i>Ocimum Sanctum</i>, <i>Mangifera indica</i>, Garlic extract, Neem Powder extract shows the antifungal properties against thirteen fungal species which are common paper deteriorating fungi reported in library environment.</p>
6	Dr Khalsa (Mathematics)	<p>Analyzed thermo-elastic problems of various solids with or without heat source with a mathematical view so as to be beneficial in computer programming, industrial applications and developed other approaches for such problems particularly boundary value problems which provide invaluable check on the accuracy of numerical or approximate schemes parametric studies.</p>

7	Dr W.D Golait  (Commerce)	<p>i) The author has shown that successful and progressing Banks in Vidarbha region have approximately maintained following proportion for profit to working capital, corpus fund, total deposit, external loan, advances, 12%, 75%, 5%, 25%, 65% and 1% respectively. Also if the interest &amp; other income is approximately 90% and 10%, then the profit increases.</p> <p>ii) The financial position of five Co-operative banks that were given schedule status by Reserve Bank of India has improved significantly. Their image amongst people has also improved.</p>
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3.2.4 Are there research papers published in referred journals by the faculty? If yes, give details for the last five years including citation index and impact factor.

Name / Faculty	Topic	Journal	Impact Factor
Dr Khalsa (Mathematics)	i) Steady state thermo-elastic problem of a thin annular disc in MarchizGrablich transform domain	i) Bulletin of Pure & Applied Sciences India Review in Bulletin of American Mathematical Society USA	1.878
	ii) Steady state thermo-elastic problem of finite length hollow cylinder in MarchizGrablich transform domain.	ii) Bulletin of Pure & Applied Sciences India Review in Bulletin of American Mathematical Society USA	1.878
	iii) Solution of Field Equation $R_{ij}=0$ (write details manually)	iii) The Journal of Indian Academy of Mathematics. Review in Bulletin of American Mathematical Society USA	1.878
Dr S.B Rewatker	Chemistry Determination of very low concentration of arsenic in polluted water.	Jr. of Industrial Pollution Control	

3.2.5 Give the list of publications of the faculty.

a) Books

1) *Vedana Abhal Jali* ( A collection of Marathi poetry) 2008 By N. N

Meshram

2) Marathi Poetry- An Anthology Ed. N. N Meshram

b) Articles

‘Dejection: An Ode that rings of joy and hope’ K. J Francis (e-journal: Journal of Teaching and Research in English Literature’ vol.1 No.3 - Chennai)

Faculty	Department	Conference/ Seminar	Paper presented
English	English	National	Proceedings (of the UGC National Seminar) 2008
M.R Bawane	English	State Level	Developing Communicative Competence in English for Rural Students
K.J Francis	English	International Chennai-Aug 2009 National Jan 2009	i) ‘Managing Mixed-Ability Classes’ ii) ‘Integrating Technology with Language Teaching’
R.V Ghonmode	History	National Kerala Dec 2008	‘ <i>Sanagola Somzola Mey Sadashivarao Bhau Ki Bhumika</i> ’

<p>S.B Rewatkar &amp; R.N Chawan</p>	<p>Chemistry &amp; Zoology</p>	<p>National Dec 2009</p>	<p>i) A Co-relative Among Some Water-quality Parameters in Aheri, Allapalli and Nagepalli Villages of Gadchiroli District (MS)</p> <p>ii) Physico- chemical Assessment of the Pollutants in Ground water of Aheri of Gadchiroli District (MS)</p> <p>iii) Aquatic Macro invertebrate Diversity in Shegaon-Toli Lake in Armori, Gadchiroli Distirct. (MS)</p>
<p>C.D Mungmode</p>	<p>Physics</p>	<p>National Jan 2009</p>	<p>Luminescence of Eu 2<sup>+</sup>in Some Alakline Iodides</p>
<p>Dr.L.H.Khalsa</p>	<p>Mathematics</p>	<p>International conference on Current Trends In Industrial And Applied Mathematics. by Faculty of Technology &amp;Engineering The Sayajirao Maharaja</p>	<p>Analysis of Stress Function In Thin Annular Disc Due To Partially Distributed Heat Supply.</p> <p>Thermoelastic Deformation In circular Annular Fin Due To Partially distributed Heat Supply.</p>

		<p>Of Baroda Jan,2007</p> <p>7th International Congress On Thermal Stresses (TS2007) At Taipei (Taiwan) June 04-07,2007</p> <p>International Conference of Mathematical Modeling In Engineering And Biosciences. AGRA Jan. 2008</p> <p>8<sup>th</sup> International Congress On Thermal Stresses (TS2008) At Urbana-Champaign from June 1 through 4, 2009 by the Department of Mechanical Sciences and Engineering of University of Illinois, USA</p>	<p>Dynamic Transient Response of Pyroelectric Functionally Graded Pressure vessels.</p> <p>Transient Thermoelastic Response Of A Thick Disc With Heat Sources</p>
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c) Conference/Seminar Proceedings

The list of publications of different departments

Faculty	Department	Journal	Research Paper
Dr L.H Khalsa	Mathematics	1 Bulletin Of Calcutta Mathematical Society INDIA. 2006	An Inverse Transient Thermoelastic Problem Of a Circular Annular Fin
		2 Journal Of Mathematics Education INDIA Mar. 2007	Transient Thermoelastic Problem of finite length Hollow cylinder in MarchizGrablich transform domain.
		3 The Journal Of Indian Academy Of Mathematics INDIA, June 2007	Study of direct Steady state thermoelastic problem of a thin annular disc in MarchizGrablich transform domain
		4 Journal Of Mathematics Education INDIA Mar. 2007	Transient Thermoelastic Problem of a thin annular disc in MarchizGrablich transform domain .
		5 Acta Cnencia, INDIA.2008	An Inverse Stead State Thermoelastic Problem Of a Thick Rectangular Plate

d) Course materials (Distance Education- for high school teachers)

1) Advancement of Learning English (for High school teachers, participants of the UGC sponsored programme) by Dr K.J Francis (Department of English)

2) Spoken English by Dr K.J Francis (Department of English)

e) Software packages or other learning materials

Nil

f) Any other (specify)

Nil

### **3.3 Consultancy**

3.3.1 How does the broad areas of consultancy services provided by the institution during the last five years (free of cost and/ or remunerative). Who are the beneficiaries of such consultancy?

During the last five years we have not provided any consultancy services.

3.3.2 How does the institution publicize the expertise available for consultancy services?

Expertise available, if any, will be posted on the website.

3.3.3 How does the institution reward the staff for the consultation provided by them?

Seventy percentage of the income generated will be given to the concerned expert.

3.3.4 How does the institution utilize the revenue generated through consultancy services?

The revenue thus generated will be used for the development of infrastructure facility.

### **3.4 Extension Activities**

3.4.1 How does the institution promote the participation of students and faculty in extension activities? (NSS, NCC, YRC and other NGOs)

We have a contingent of 200 NSS volunteers.

At the beginning of the session NSS programme officers send notices to classes inviting students to join NSS. They inform students of the advantages of joining NSS viz grace marks in the university examination, certificates of participation on attending NSS special/annual camps, chances to attend state and national level camps, Republic Day parade, and the opportunity to work with villagers in executing various NSS programmes. Their public activities are very much publicized to the great delight of NSS volunteers. The college management committee authorizes the faculty to co-ordinate extension work/outreach programmes in association with NGOs and other local bodies such as gram/village panchayats. Committees are formed with the teachers heading them for the execution of the activities among villagers garnering their support against violence on women, dowry and superstition. NSS volunteers are roped in for conducting such programmes.

NSS maintains a list of blood donors who donate when a call comes.

3.4.2 What are the outreach programmes organized by the institution? How are they integrated with the academic curricula?

Some of the major outreach programmes organized by the institution are:

- Bio-diversity programme (People's Bio-diversity Register), ground water replenishing/conservation and basic hygiene,
- Family & Socio-economic survey,
- AIDS awareness camps/weeks,

- Courtesy call to poor patients in the local government hospital with food packets on certain occasions,
- Blood-donation & Rh- grouping camps in association with local government hospital,
- Demographic survey,
- Observing ‘Violence against Women Week’, ‘Road Safety Week’ and
- Holding NSS camps in villages

Outreach programmes are integrated with the academic curricula. Family & Socio-Economic Survey is conducted with the assistance of Economics, Sociology and Political Science departments; Geography department assists in demographic survey; Blood-donation & Rh- grouping and AIDS awareness camps/weeks are held with the assistance of Micro-biology department; Environmental issues, Bio-diversity and basic hygiene are taken up by Botany and Zoology departments, ground water replenishing by Zoology department and Observance of ‘Violence against Women Week’ is conducted under the guidance of Sociology department. The respective departments have academic interest in the outreach programmes they hold.

3.4.3 How do the institution promote college-neighbourhood network in which students acquire attitude for service and training, contributive to community development?

All our outreach programmes/extension activities are directed towards villagers’ welfare/ development particularly NSS sponsored activities such as the construction of approach roads and embankments to conserve and harvest rain water; conservation of natural resources; organization of medical/blood donation camps, women and child health camps, adult education programmes,

and participation in *Nirmal Gam Yojana* (a state government programme aimed at sensitizing people of public hygiene). All these programmes are held in neighbouring villages. We also involve villagers in these programmes to create a bonding and networking. In holding these programmes our students are in the forefront; with teachers giving logistic support, giving students the responsibility of conducting surveys/programmes. It gives students a chance to cultivate leadership and culture solidarity with the villagers and sensitivity to their needs.

3.4.4 What are the initiatives taken by the institution to have a partnership with University/Research institutions/Industries/ NGOs etc. for extension activities?

- We conducted intercollegiate/university level NSS camps from 10-01-2010 to 17-01-2010
- We send proposals for annual NSS camps and organize them;
- We collaborate with *Amhi Amchya Arogyasathi*, an NGO in the field of traditional medicine and have signed an MoU with it. The organization promotes health awareness programmes, rural technology and traditional medicine.

3.4.5 How has the local community benefited by the institution? (Contribution of the institution through various extension activities, outreach programmes, partnering with NGOs and GOs)

In the last five years in five villages the following work was done:

- Removal of encroachments
- Construction of *kutchha* drain and approach roads,
- Leveling of ground to be used for village assembly cum playground,

- Holding of blood donation/medical camps.
- Literacy drive
- AIDS Awareness campaign
- Awareness against superstition
- Propagation of *Nirmal Gram Yojana*

Villagers are the ultimate beneficiaries of these activities

#### 3.4.6 How has the institution involved the community in its extension activities?

(Community participation in institutional development, institution-community networking etc.)

- All NSS/Extension activities are done in collaboration with the villagers where such camps/activities are held. Villagers give logistic support to programmes/camps and they even host a dinner on the final day of the NSS camp in honour of the campers/institution. They also volunteer to do manual work in the camp.

- At NSS camps, in the evening, social/hygienic/health awareness programmes are held for the villagers; men and women gather to hear us. In such programmes, guest speakers are invited from outside to impact the villagers. At night, cultural programmes are held to entertain/inform villagers. The cultural programmes are laced with messages for the villagers such as the irrationality of superstitions, evil effects of liquor, tobacco and other psychotropic substances upon the general health of the society; the dangers involved in farmers taking money loans from the private money lenders, the right of girl child for education, the sanity of taking modern medicine to treat tuberculosis, malaria etc and the need to observe personal and public hygiene. These are conveyed through skits/one act plays.

- As a mark of recognition to the services the institution renders to the local community occasionally citizens of the area reciprocate. Donation of water cooler to the institution is such a gesture from one of the citizens from a neighbouring village.

3.4.7 Any awards or recognition received by the faculty/students/ institution for the extension activities?

1) NSS unit of the college was adjudged the best NSS unit for its selfless, innovative work at district & University level for the year 2007-08 by R.T.M. Nagpur University Nagpur.

2) The programme officer of the college Prof. S. B. Gedam is adjudged as the best programme officer for his selfless, excellent, and innovative services at the district and university level by R.T.M. Nagpur University for the year 2007-08.

3) Shri. S. P. Jengathe, student of B.Sc. III (07-08) was awarded prize of best NSS Voluntary by R.T.M. Nagpur University

### **3.5 Collaboration**

3.5.1 Give details of the collaborative activities of the institution with the following organizations:

- Local bodies/ community

All our extension activities /outreach programmes are accomplished in collaboration with the local authorities such as panchayat samiti/zilla parishad. We first approach the local bodies with our proposal. On getting their assent, we move in with the NSS volunteers and pitch in with the locals to do the work they wish to have in their area. The local administration arrange for the infrastructural facility for the team to stay for a week or two and the local

people give us logistic support. The removal of encroachments, the construction of *kutch*a drain and approach roads, the leveling of ground to be used for village assembly cum playground, and organizing blood donation/medical camps are as per the requirement of the villagers.

- State

Whenever called to discharge, we also collaborate with the state government.

The government seeks our cooperation to carry out various government programmes such as *Nirmal Gram Yojana (Hugandari mukta village)* ie to wean the villagers away from the habit of defecating in open places; campaign against terrorism and road safety awareness campaign (in collaboration with the police and the road transport officials), and the use of tobacco and other psychotropic substances (in collaboration with the local Public Health Centre); campaign for reforestation (in collaboration with the social forestry department). We also respond to the call for blood for needy patients from the PHC in Armori.

- National

- International

- Industry

We collaborate with the local industries when called to assist them in conducting survey on their employees.

- Service sector

- Agriculture sector

We held a gene-bank workshop in agriculture sector involving agricultural officers, forest department personnel and farmers. The theme of

the workshop was to document in-situ conversation efforts by farmers or breeders.

Administrative agencies

- Any other (specify)

We collaborate:

- With an NGO *Amhi Amchya Arogyasathi* that promotes traditional medicine and rural technology;
- With *Vrkshamitra*, a Chandrapur city based organization that promotes reforestation;
- with Sankutal Memorial Society that spreads awareness on sickle-cell treatment.
- with the university sub-centre at Gadchiroli for guest lectures;
- with Dr Ambedkar College Bramhapuri for guest lectures;
- with the Institute of Science Nagpur and the Dept. of Mathematics Nagpur University in research work,
- with the state government in giving infrastructural facility whenever called in for state/ local body elections centres/booths, exhibitions or complete examinations.

### 3.5.2 How has the institution benefited from the collaboration?

#### a) Curriculum development

As the result of collaboration with an NGO *Amhi Amchya Arogyasathi* we could start a new course in Herbal Medicine Preparation in the academic year 2008-2009.

#### b) Internship

Two B. Lib students are doing internship in our library as a part of their course work.

- c) On- the –job training
- d) Faculty exchange and development

Some of our teachers are teaching at the neighbouring colleges as a part of faculty exchange and development programme. Mr M.R Bawane (English), Mr. U. T Kamble (Commerce) at the University sub-centre, Gadchiroli and Mr D.M Ghonmode (Marathi) at Dr. Ambedkar College Bramhapuri.

- e) Research

Research activity has enhanced our academic environment. Three of our teachers are currently doing research work in collaboration with other departments.

- f) Consultancy

During the last five years we have not provided any consultancy services.

- g) Extension

Our extension activities directed towards the villages/ers around the college draw sympathy from the beneficiaries. The activities, apart from announcing our mission and advertising the institutions' standard, culture good relationship with the locals. The villagers feel that the institution reaches out to them to assist them in their basic facilities. Their good will is the strength of our institution.

- h) Publication

Research papers published in collaboration with other institutions advertise the quality of the institution that attracts students from distant places even though those places have colleges.

- i) Student Placement

3.5.3 Does the institution have any MoU/MoC mutually beneficial agreements signed with

- Other academic institutions – Not any so far.
- Industry- Not exactly, but we have a working arrangement with some of the industries in the area by which our students are sent there for practical work/work experience.

Other agencies- Yes we have a working arrangement with an NGO *Aamhi Amchya Arogyasathi* we could start a new course Herbal Medicine and Preparation in the academic year 2008-2009, people from the organization visit our institution to guide our students/staff.

### 3.6 **Best Practices in Research, Consultancy and Extension**

3.6.1 What are the significant innovations/good practices in Research, Consultancy and Extension activities of the institution?

#### **Significant innovations/good practices in Research**

- Our research committee coordinates the research activity of various departments, guides teachers in registering for Ph. D, presenting/ publishing papers, and in submitting major and minor research projects. Nine research papers are published so far. On the recommendation of the committee five teachers were relieved under FIP to pursue their doctoral studies.
- Recommends research journals/periodicals for subscription in library that may be useful to the research scholars and recommends equipment to be bought;
- Assesses the work and sends periodic reports to the UGC; and
- Deliberates on the needs of the major and minor research projects. On the recommendation of the committee seven minor research projects are underway.

### **Significant innovations/good practices in Consultancy**

During the last five years we have not provided any consultancy services.

### **Significant innovations/good practices Extension Activities**

- Hold Bio-diversity programme (People's Bio-diversity Register). Students in batches of 10-12, under the supervision of their teacher, visit villages to conduct ecological and environmental survey; Family & Socio-economic survey is another,
- Conduct AIDS awareness camps/weeks,
- Make courtesy call to poor patients in the local government hospital with food packets,
- Conduct Demographic survey,
- Hold NSS camps in villages,
- Take up environmental issues with local administrative bodies,
- Propagate *Nirmal Gram Yojana* (a state government programme aimed at sensitizing people of public hygiene,
- Involve villagers in these programmes to create a bonding with and networking in villages.
- Give students a chance to cultivate leadership quality and culture solidarity with the villagers and sensitivity to their needs,
- Create awareness against superstitions,
- Maintains a list of blood donors
- Inform village farmers of the dangers involved in taking loan from private loan sharks,
- the right of girl child to education, the sanity of taking modern medicine to treat tuberculosis and malaria, and the need to observe personal and public hygiene,
- Strike up a rapport with the villagers by working with and for them.

### **For Re-accreditation**

1. What are the evaluative observations made under Research, Consultancy and Extension in the previous assessment report and how have they been acted upon?

No evaluative observation was made in this regard.

2. What are the other quality sustenance and enhancement measures undertaken by the institution since the previous Assessment and Accreditation with regard to Research, Consultancy and Extension?

### **As regards research**

- Constituted a research committee to encourage all types of research activities,
- Procured equipment helpful in conducting research work,
- Initiated collaborative research work with GOs and NGOs
- Nine teachers were awarded Ph.D degree
- Five teachers were given leave under FIP
- Twelve have registered for Ph.D
- Three teachers are engaged in supervising research scholars
- Held national and state level seminars/conferences
- Presented papers in international/national conferences
- Some teachers have undertaken UGC assisted research work

### **As regards extension work**

- Worked among villagers to educate them with thrust on social issues
- Started bio-diversity programme addressing environmental issues
- Established neighbourhood network
- Ensured community participation in extension activities
- Collaborated with NGOs and GOs in the execution of extension activities
- Held inter-college NSS camp

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## Criterion - 4 : Infrastructure and Learning Resources

### 4.1 Physical Facilities

#### 4.1.1 What are the infrastructure facilities available for?

- a) Academic activities
- b) Co- curricular activities
- c) Extra- curricular activities and sports

#### a) For Academic Activities

- The Institution has 20 furnished class rooms, 10 laboratories including a language laboratory and a conference hall and a staff room,
- A central library accessible to all departments,
- Audio - visual Aids: LCD projector, OHP, Computers with internet facility,
- Electricity back-up: two gas/ kerosene based generators for practical work/classes and the conference hall, and
- Class rooms for YCMOU (Yashwantrao Chavan Maharashtra Open University) study center.

#### b) For Co- curricular activities

- Public Address system
- Auditorium/ Conference Hall
- Electronic gadgets like LCD Projector, OHP
- Laboratories for add-on courses like Herbal Medicine, Electrical Maintenance and Spoken English

#### c) For Extracurricular activities and sports

- Auditorium/ Conference Hall
- Gymnasium with the following major equipment: tread mill, sixteen-state multi-gym, vibrator belt.

- Play ground for cricket, basket ball, volley ball and hand ball,
- Sports kits for cricket, hockey, volley ball, basket ball, kho-kho, kabaddi,
- Equipments for carrying out manual labour , kitchen utensils for camp activities,
- Garden equipment
- Class room are also used for to hold various competitive examinations conducted by the state authorities
- Digital Camera
- Public address system
- LCD projector
- Computers
- Generators -02 for electrical back-up

4.1.2 Enclose the Master Plan of the college campus indicating existing physical infrastructure and projected future expansions.

Annexure – 1

4.1.3 Has the institution augmented the infrastructure to keep pace with its academic growth? If yes the facilities and the amount spent during the last five years?

Yes. To keep pace with needs and requirement the institution has added additional infrastructure to the existing one. In the last five years following buildings were constructed:

- class rooms at a cost of Rs 4.17 lakhs,
- Three classroom for Arts faculty at a cost of Rs 10.5 lakhs,
- A new floor to house Botany, Zoology, Microbiology and Physics laboratories at a cost of Rs 7.17 lakhs,
- A girls' hostel at a cost of Rs 22.00 lakhs,

- Three class rooms (temporary construction) at a cost of Rs 3.00 lakhs,
- A separate room for the Department of Physical Education at a cost of Rs1.0 lakhs;
- Developed playground at a cost of Rs 2.00 lakhs;
- Installed cold and purified drinking water supply system at a cost of Rs 3.00 lakhs;
- Modified/renovated Home-Economics laboratory at a cost of Rs 25, 000/-
- Extended water supply system at a cost of Rs 1.3 lakhs;
- Refitted electric fixtures and installed three phase meter connection at a cost of Rs 1.5 lakhs;
- Bought green and black boards for various teaching departments at a cost of Rs 0.16 lakhs;
- Developed a garden with a fountain at a cost of Rs 5.00 lakhs;
- Dug bore wells for continuous water supply at a cost of Rs 1.00 lakhs;
- Erected the statues of Rastrasant Tuktoji Maharaja, and late Wanmanraoji Wanmali the source of our inspiration at a cost of Rs 3.00 lakhs;
- Extended Computer lab at a cost of Rs 1.00 lakhs,
- Extended Chemistry lab at a cost of 0.80 lakhs, and
- Extended Physics lab at a cost of 0.80 lakhs

The newly built rooms as well as the existing rooms were furnished with adequate furniture and equipment. Besides the above mentioned major infrastructure facilities, several minor alterations / renovations were completed during the last five years.

4.1. 4 Does the institution provide facilities like common room, separate rest room for woman students and staff ?

Yes, the institution provides separate common room for women students and staff.

4.1.5 How does the institution plan and ensure that the available infrastructure is optimally utilized?

The infrastructure facilities available at various departments are kept open for students and faculty during working hours and extended period of work.

The infrastructure facility of the institution is availed of by other academic and administrative agencies such as governmental and non-governmental agencies such as:

- District and state administration to house election booths, during general elections
- District Education, police, revenue, and welfare departments to hold seminars, workshops and exhibitions. The same facility is extended to NGOs to hold programmes of general public interest.
- Yesvantrao Chavan Maharashtra Open University Study Center (for its office, class rooms and library)
- To conduct competitive examinations (of the state government)
- Schools (both private and government) around here are allowed to use our play ground to conduct sports activities at block level; private sports clubs are also allowed to use our play ground for sports activities.
- The play ground and our auditorium are also given for social purposes.

The infrastructure facility is optimally made use of without hampering the regular work of the institution.

4.1.6 How does the institution ensure that the infrastructure facilities meet the requirements of differently-abled students?

- The institution ensures that some of the existing structures are made differently-abled friendly.
- Class rooms having such students are shifted to ground floor for the convenience of the differently-abled students.
- The institution has submitted a proposal to UGC for financial assistance to create/ construct special facilities such as ramps/ rails, special toilets and make other necessary changes to suit the special needs of the differently-abled persons.
- Institution also needs assistance for special equipment for the differently-abled persons like computers with screen reading software, low-vision aids scanners, and mobility devices.

## **4.2 Maintenance of Infrastructure**

4.2.1 What is the budget allocation for maintenance of (last year's data)?

- a) Land ?
- b) Building?
- c) Furniture?
- d) Equipment?
- e) Computers?
- f) Vehicles?

The institution has adequate budget for maintenance of land, building, furniture, equipment and computers.

The table shows the details of the budget allocation for 2008-2009

Items	Allocation in Rupees	Expenditure in Rupees
a) Land (Road, garden, play ground )	25,000.00	11,140.00
b) Building	2,70,000.00	2,72,000.00
c) Furniture	91,000.00	1,20,177.00
d) Equipment	1,41,000.00	1,56,183.00
e) Computers	-----	-----
f) Vehicles	-----	-----
Total	<u>5,27,000.00</u>	<u>5,59,500.00</u>

#### 4.2.2 How does institution ensure optimal utilization of budget allocated for various activities?

Based on the requirement and maintenance needed for equipment, furniture, laboratories, class rooms, computer and garden the institution plans a budget and submits it to the Local Management Committee for ratification.

- The requirements suggested by staff, students, alumni and parents is considered on priority basis while making allocation for various heads/projects.
- Budget allocation to various departments/heads is made at the beginning of the financial year.

- Maintenance/ construction is done as per the budget for the proper/optimal utilization of the budget/fund.

4.2.3 Does the institution appoint staff for maintenance and repair? If not how are the infrastructure facilities, services and equipment maintenance?

- No separate staff is appointed for maintenance and repair work. But the institution has a mechanism to look into it. It sets up a special committee 'Infrastructure Maintenance Committee' comprising teaching and non-teaching staff that looks into the maintenance and repair work and the other requirements such as class rooms, equipment, furniture, and computers and prepares estimates and recommends to the principal's office. The principal in consultation with the committee invites rate contacts from local agencies and negotiates the deal.

### **4.3 Library as Learning Resource**

Does the library have library advisory committee? What are its major responsibilities?

Yes, the institution has a library advisory committee that looks into the system of the library and it gives advice to the Principal/LMC on various issues-

- Deliberates on the up gradation proposals and budget allocation;
- Considers the budgetary plan/allocation; informs the various departments of their budgetary allocation, and invites recommendations from them for new titles;
- Finalizes the requirements and places orders for new titles through the librarian;

- Monitors the functioning of the library with regard to lending books to students, students' access to the library stack room, library net-working, book-bank and computerization of the library;
- Frames guidelines concerning the general discipline around the library, and issuance of general reading materials to students.
- The committee also makes sincere efforts to mobilize funds from the UGC/ the state government, and donors.

#### 4.3.2 How does the library ensure access, use and security of materials?

The library allows open access only to teaching staff. Students using the borrowers' card issued to them can loan books from the library from the issue-counter. As for the reference books, they can directly approach the librarian with a request. Students can even take home periodicals/ magazines. During the examination period students can take home additional books after depositing the cost of books in the library. The money is promptly refunded on returning the books once the examination is over.

As to the security of the library materials, firstly, the library is housed in a reinforced concrete building with steel doors and windows with steel shutters and grills with padlock on them. Secondly, the library is never left unattended during working hours despite manpower limitations.

#### 4.3.3 What are the various support facilities available in the library? (Computers, internet, and width, reprographic facilities etc.)

For the library users all these facilities are available. But as a matter of convenience internet facility is at the central computer laboratory where a trained staff can help students search for e-books/journals, and reprographic

facility is arranged in a room close to the computer lab where again a trained staff can help students make photo-copies of books/pages if need be.

- Lib-Soft package for accession register.
- Net-library, a working arrangement with libraries of the neighbouring colleges by which we exchange/loan books from these libraries.
- The book-bank facility for poor students who cannot afford to buy books. Only needy students are allowed to avail of the facility.
- Notice/display board for new arrivals and other relevant information.
- News-stand for more students to read the same news papers without any hitch.
- Question bank/model university examination question paper sets for the benefit of students.

4.3.4 How does library the ensure purchase and use of current title, important journals and other reading materials? Specify the amount spent on new books and journal during last five year?

The library advisory committee sends budgetary allocations to the department heads. Remaining within the budgetary allocation, departments prepare a list of titles from the catalogues of leading publishers and distributors. The committee short lists them and the librarian does the process for procuring. The journals concerned are also procured on the recommendation of the teaching staff. The process of procurement of titles is done at the beginning and the end of the academic sessions.

Apart from the books and journals, standard magazines and news papers are bought/subscribed directly from the publishers/distributors.

The library subscribes Marathi, Hindi and English news papers/ magazines.

Amount spent on new books and journal during last five years.

Year	Item	Value (Rs/-)	No. of books/ journals	Total amount (Rs/-)
2004-05	Books	1,66,930.00	894	1,72,780.00
	Journals	5850.00	16	
2005-06	Books	1,87,489.00	469	1,93,339.00
	Journals	5850.00	15	
2006-07	Books	3,06,545.00	497	3,13,811.00
	Journals	6226.00	22	
2007-08	Books	94506.00	313	1,00,766.00
	Journals	5500.00	20	
2008-09	Books	85295.00	534	91495.00
	Journals	6200.00	22	
Grand total				

4.3.5 Give detail on the access of on line and internet service in the library to the students and faculty? (Hours, frequency of use, subscriptions, licensed software etc)

The internet is open between 10:00 am and 2:30 pm on all working days. Interested student use the facility. The service is free of cost.

4.3.6 Are the library services computerized? If yes, to what extent?

Yes, the library service is computerized to the extent of installing Lib-soft package for accession register.

4.3.7 Does the institution make use of INFLIBNET/DELNET/IUC facilities? If yes, give details.

The library does not have these facilities. However, we are using LIBMEN for general library work. Broadband internet connection through BSNL provides increased speed for quick access for reading on-line books.

4.3.8 What initiatives are taken by the library staff to enrich the faculty and students with its latest acquisition?

- The library staff displays new arrivals
- Yearly book exhibitions to attract students to the library,
- Informs the departments of the arrival of new titles,
- Gives additional information on enquiring upon reference materials, and
- Internet search to motivate the use of library resources.

4.3.9 Does the library have inter-library borrowing facility? If yes, give details?

Yes, the library has a working arrangement with the neighbouring colleges for inter-library borrowals. We had transactions with the following colleges in recent years-

- 1) Vidhyabharati College Kukheda
- 2) Rashtrapita Mahatma Gandhi College, Naghbir.

4.3.10 What are the special facilities offered by the library to visually and physically challenged persons?

- For the physically challenged persons additional book borrowing facility is arranged on long term basis.
- The staff assist such persons in obtaining relevant materials.
- The college ensures that all the existing structures as well as the future construction projects are made differently-abled friendly.

4.3.11 List the infrastructural development of the library over the last two years.

Following is the list of infrastructural development:

- Lib-man software for computer,
- Reprographic facility,
- Internet access,
- E-books access,
- More space in stack room,
- More reading-room space,
- Inter-library borrowings,
- More research journals,
- Increase in the number of reference books, and
- More furniture for reading room section.

#### 4.3.12 What other information services are provided by the library to its users?

The library provides following services:-

- Provides information to students with regard to higher studies and job opportunities through Employment News and university/institution bulletins,
- Displays on its notice board the following literature-
- Various scholarship schemes,
- Competitive examinations of central and state governments and other agencies
- Courses offered by various agencies, and
- Information on armed services,

#### **4.4 ICT as Learning Resources.**

4.4.1 Does the institution have up-to date computer facility? If yes give detail of the available hardware & software (Number of computers, computer student ratio, stand alone facility, LAN facility, configuration, licensed software etc.)

- In all there are 27 computers.

- The computers are also interfaced with LCD presentation for research papers and lectures.
- All the computers in central computer lab are connected in two separate LANs.
- Configuration of computer is as follows-

Pentium IV Computer -22

Celeron dual core computer - 5

- The licensed software LIBMEN, ADMINE are installed
- Computer: student ratio is 1:50.

4.4.2 Is there a central computing facility? If yes how is it utilized for staff and students?

- Yes, the institution has a central computing facility for the faculty and students with 10 PCs.
- Qualified and experienced staff is appointed to maintain the systems and to provide technical assistance to the students and the staff.
- Broadband internet connectivity through BSNL is provided.
- It is open from 10 am to 2.30 am on all working days.

4.4.3 How are the faculty facilitated to prepare computer aided teaching/ learning materials? What are the facilities available in college for such efforts?

- The institution encourages the faculties to go high-tech in teaching by going for power point presentation wherever required.
- Computer interfaced LCD projector is accessible to the faculty for computer aided teaching/ learning.

4.4.4 Does the institution have a website? How frequently is it updated? Give details.

Yes, the institution has a website [www.mgcollegearmori.org](http://www.mgcollegearmori.org). It is updated as and when new information is to be loaded such as admission notices, events of the year (related to the institution) and information regarding the university examination, changes in faculty etc.

4.4.5 How often does the institution plan and upgrade its computer system? What is the provision made in the annual budget for update, deployment and maintenance of the computers in the institution?

The institution upgrades its computer system annually. However, whenever a need arises it is upgraded without waiting for annual schedule. In the annual budget Rs. 1,00,000/- is allocated for up gradation and maintenance of computers.

4.4.6 How are the computers and their accessories maintained? (AMC etc,)

Computers and their accessories are maintained on rate contract basis by local hardware technicians.

#### **4.5 Other Facilities**

4.5.1 Give details of the following facilities:

- a) Capacity of the hostel (to be given separately for boys and girls)
- b) Occupancy
- c) Rooms in the Hostel (to be given separately for boys and girls)
- d) Recreational facilities
- e) Sports and games (indoor and outdoor) facilities
- f) Health and Hygiene (Health Care Centre, Ambulance, Nurse, Qualified Doctor- full time part time etc)
  - a) A women's hostel-Capacity is for twelve girls.

- b) Occupancy is 100%
- c) Rooms in the Hostel: Five rooms for sleeping, a hall for recreation, and a common study room (in the living area). The present accommodation is only for 18 girls. So the institution has submitted a proposal for extending hostel facility to accommodate more girls as there is a demand for it.
- d) Recreational facilities: A recreation hall with a TV and news papers, 'Loodo' and badminton. It is also used for recreation for events like film shows.
- e) Sports and games facilities: Physical and infrastructural facilities available for sports and games and playground for cricket, hockey, volleyball, handball, *kho-kho* and a for minor events like long jump, high jump, and short put. For indoor games the institution has chess and caroms. The physical education department has well qualified staff to guide sport persons. The institute has developed a modern gymnasium for those students and teachers interested in physical fitness and body building exercise.
- f) Health and Hygiene: The institution arranges health services for staff and students through Public Health Center (Government Rural Hospital), which is a stone's throw away from the institution, where the services of doctors and nurses are available round the clock. For health checkup and treatment apart from the said hospital, the services of the private practicing doctors (Dr R.N Kumbhare and Dr (Mrs) S.S Supare), who are in the neighbourhood of the institution, are also sought.

4.5.2 How does the institution ensure participation of woman in intra and inter-institutional sports competitions and cultural activities?

The institution ensures participation of women in intra and inter-institutional sports by arranging intramural tournaments like shot put, minor track events,

skipping and *kabadi*, *kho-kho* and hand ball. The institution also sends woman teams to play *kabadi*, *kho-kho* and hand ball in inter-university tournaments. The institution promotes participation of women in the events by giving full financial support and prizes for the promising woman sports persons. As for the cultural activities they are offered a platform on marked days to compete and perform in events such as dance, vocal music, *rangoli etc.* This is apart from sending them to compete/present their programmes in intra-institutional cultural activities.

Students participating in National and State level meets are provided with T.A., D.A., registration fees and boarding allowances.

4.5.3 Give details of the common facilities available with the Institution (Staff room, day care centre, common room for students, rest room, health centre, vehicle parking, guest house, canteen, telephone, internet café, transport, drinking water etc)

The common facilities are:-

- The college is situated a few meters away from the state highway. With public transport system the college is easily reachable for students by road.
- The college has a canteen in its premises with beverages hot and cold, and snacks fresh and packaged at modest rate.
- The college provides an automatic telephone set for the use of students close to the front office (to check students from misusing it)
- The institution has a well manicured garden with enough plants to turn the campus into a green campus.
- The college has enough parking space for staff and students to park their vehicles.

- There is a common room for girls with toilet room next to it.
- The college has an internet resource centre.
- The college arranges annual medical examination for students.
- There is arrangement for clean drinking water for staff and students.
- There is a spacious staff room,
- A retiring room for guests/visitors to relax.
- There is a suggestion box for students to give their suggestions on the facilities at the college.
- The college has submitted a proposal for a Day Care centre to the UGC in the XI<sup>th</sup> plan.

#### **4.6 Best Practices in Infrastructure and Learning Resources.**

4.6.1 What innovations best practices in ‘Infrastructure and learning resources’ are in vogue or adopted/adapted by the institution?

- Serious efforts are made to provide adequate infrastructure facilities to staff and students.
- Created central computer facility,
- A central reprographic facility;
- Extended reading and stack room space;
- Computerized the library;
- Constructed a hostel for girls from the weaker sections of the society; and
- Maintain an excellent indoor and outdoor sports facilities and a gymnasium.

## **For Re-Accreditation**

1) What are the evaluative observations made under Infrastructure and Learning Resources in the previous assessment report and how have they acted upon?

a. The office must have its own computer so that the office work including accounts of the college is computerized.

### **Measures undertaken**

The college office is partially computerized: student admission, fee receipts, salary payment, scholarship, student record, examination records and other records are computerized. Accounts and library are partially computerized.

b. The college may approach the Sports Authority of India for financing the college by way of better playground and for the construction of multi-purpose gymnasium hall. The coaches for different games be provided.

### **Measures undertaken**

- A hall for gym was constructed out of grant from ZP sports authority.
- Using UGC grants the college purchased a multi- station gym
- Coaches from outside are called to train/coach sports persons in different games viz handball, hockey, volley ball, kabbadi and kho-kho from college funds

c. The library system needs to be upgraded. The library should be connected to other libraries through the internet. The library should start using the computer for cataloguing and other library services. The college should for its library subscribe standard periodicals.

### **Measures undertaken**

- The library uses LIBMEN for general library working
  - Internet facility is available at the central computing system
  - Catalogue is computerized
  - The library subscribes standard periodicals
  - Reading room space and stacking capacity is increased
- d. Taking into purview the fact that it is a co-education college, due care has to be taken in respect of the common room facilities provided to girl students.

### **Measures undertaken**

Girl students are given a spacious common room with basic amenities.

2) What are the other quality sustenance and enhancement measures undertaken by the institution since the previous Assessment and Accreditation with regard to infrastructure and Learning Resources?

- Four class rooms at a cost of Rs 4.17 lakhs,
- Three classroom for Arts faculty at a cost of Rs 10.5 lakhs,
- A new floor to house Botany, Zoology, Microbiology and Physics laboratories at a cost of Rs 7.17 lakhs,
- A girls' hostel at a cost of Rs 22.00 lakhs,
- Three class rooms (temporary construction) at a cost of Rs 3.00 lakhs,
- A separate room for the Department of Physical Education at a cost of Rs 1.5 lakhs;
- Developed playground at a cost of Rs 2.00 lakhs;
- Installed cold and purified drinking water supply system at a cost of Rs 3.00 lakhs;
- Modified/renovated Home-Economics laboratory at a cost of Rs 25,000/-;

- Extended water supply system at a cost of Rs 1.3 lakhs;
- Refitted electric fixtures and installed three phase meter connection at a cost of Rs 1.5 lakhs;
- Bought green and black boards for various teaching departments at a cost of Rs 0.16 lakhs;
- Developed a garden with a fountain at a cost of Rs 5.00 lakhs;
- Dug bore wells for continuous water supply at a cost of Rs 1.00 lakhs;
- Erected the statues of Rastrasant Tuktoji Maharaja, and late Wanmanraoji Wanmali the source of our inspiration at a cost of Rs 3.00 lakhs;
- Extended computer lab at a cost of Rs 1.00 lakhs,
- Extended Chemistry lab at a cost of 0.80 lakhs, and
- Extended Physics lab at a cost of 0.80 lakhs

The newly built rooms as well as the existing rooms were furnished with adequate furniture and equipment. Besides the above mentioned major infrastructure facilities, several minor infrastructure development projects alterations/ renovations were completed during the last five years.

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## Criterion- 5 : Student Support and Progression

### 5.1 Student Progression

5.1.1 Give the socio-economic profile (General, SC/ST, OBC etc.) of students of the last two batches.

The profile of students for the last two batches is as follows:

Session	No.of SC Students	No.of ST Students	No. of OBC (non- Crea my layer) Stude nts	No.of from Minorit y Commu nities	No. of Gener al catego ry Econo micall y Depriv ed and/or physic ally challe nged Studen ts	No. of Gener al Categ ory Studen ts Who are not Econo micall y Depriv ed/ Physic ally Challe nged	Total number of Students		
							Men	Women	Total
09-10	214	152	486	28	114	72	550	517	1067
08-09	279	172	508	24	117	89	616	573	1189
07-08	213	157	521	22	111	81	611	494	1105

5.1.2 What are the efforts made by the institution to minimize the dropout rate and facilitate the students to complete the course?

We have taken a number of measures to check the 'dropout' rate.

- To those who are very poor, we give financial assistance. This is in addition to the government financial assistance they receive.
- We give other assistance such as study materials free of cost, and hostel facility for girl students.
- We give information related to placements to students to encourage them to pursue the course
- Our lady teachers interact with female students and try to solve their problems, particularly of married students who are likely to shift their residence.
- Teachers counsel students in academic and personal matters and try to make them see reason.
- To slow learners we give remedial teaching. Those who find it really hard to make it we suggest a change of course.
- Tutorial classes and revision help such students to stay in the course.
- We have submitted a proposal to the UGC to for conveyance allowance to BPL students.

5.1.3 On an average what percentage of the students progress to further studies and for employment? Give details for the last two years. (UG, PG to Ph. D and/ or to employment)

We offer PG courses in Mathematics, History and Economics. The random survey shows that some 30 - 40 percentages of our UG students join PG courses elsewhere. We recommend students for placement as and when there

are enquiries from neighbouring industries, institutions and business firms/establishments.

Student Progress	Class	2007-08	2008-09
No of student passed in UG Final exam	B.A	123	76
	B. Sc	86	51
	B. Com	03	01
No of students for further studies	B.A	72	41
	B. Sc	35	28
	B. Com	03	01

Employment placement of the graduate students:

In science faculty is about 4%

In arts faculty is about 2%

In commerce faculty is about 3%

In case of M.Sc. (Maths) 2%

In case of MA (History) 1%

In case of MA (Economics) 1%

5.1.4 How does Institution facilitate the placement of its outgoing students? What proportion of the graduating students have been employed (average of last five years)

The college does not offer any professional programmes. So there is no campus selection as such. However, the Employment Guidance Bureau of the college arranges programmes for students. In such programmes, the bureau

informs students of the employment opportunities in various government/semi-government and non-government organizations. The bureau displays employment news/paper clippings on the bill board. The bureau/the college also invites companies to interact with our students. Last year the college invited Videocon Wipro and Infotech. The college also invited local mills-Jejani paper mill, Gaurav paper mill and rice mill- computer institutes, cooperative societies, private banks and educational institutions to interact with our students.

Students are motivated to find their own employment. A large number of our students seek self-employment. The college/bureau holds awareness camps/meetings for this.

5.1.5 How does the institution facilitate and support students for appearing and qualifying in various competitive examinations? Give details on the number of students coached; appeared, qualified in various competitive examinations (Average of last five years) (UGC-CSIR-NET, SLET, GATE, CAT, GRE, TOFEL, GMAT, Civil services-IAS, IPS, IFS, Central/State services etc.)

At present there is no mechanism to keep track of the students appearing/qualifying in the (UGC-CSIR-NET, SLET, GATE, CAT, GRE, TOFEL, GMAT, Civil services-IAS, IPS, IFS, Central/State services etc as the college does not have any coaching classes to prepare students to any of these examinations. Since the students apply directly to these agencies, the information about the progress of our students is inferred from the random check of alumni on their welfare.

To give our students a stable platform the Institution has submitted a proposal for coaching classes for NET/SET and other state/ central public service examinations to the UGC in the XI<sup>th</sup> plan.

- 5.1.6 Give a comparative analysis of the institutional academic performance with reference to other colleges of the affiliating University and the university average. (Pass percentage, Distinctions, Gold medals and University Ranks, Marks obtained in relation to university average etc. (Last five years' data)

The comparative analysis is given in Annexure -2

## **5.2 Students Support**

- 5.2.1 Does the institution publish its updated prospectus, handbook and other student information material annually? If yes, what is the information disseminated to students through these publications?

Yes, the institution publishes every year its updated prospectus. The information contains the admission procedure, date of submission of the application forms, selection process, reservation of seats; programmes offered, fee structure, scholarship available, fee concessions, rules and regulations of the college, code of conduct in the campus, facilities at the college, the list of faculty with their degree/diploma, and the university academic calendar.

- 5.2.2 Does the institution provide financial aid to students? If yes, specify the type and number of scholarships/free-ships given to the students during the last academic year by the institution (other than those provided by the social welfare departments of the State or Central Governments).

The institution gives financial support to deserving poor students who cannot afford to pay the fee for the self-financing courses like post-graduate

programmes, IT (in B.Com), and B. Sc (computer science) by waving/reducing the course fee.

Apart from this, the college makes books available to such students through the Book-Bank. Last year fifty students benefitted from the Book-Bank scheme. Students of the government aided programmes also benefit from the Book-Bank scheme.

5.2.3 Give details of schemes for student welfare? (Insurance, subsidized canteen facilities, special diets, student counseling support, 'earn while you learn' scheme etc.)

A student safety insurance policy is given to students at a very low premium of Rs 8/- annum.

The college has a subsidized canteen for the benefit of students.

The college gives counseling support to student (Employment Guidance Bureau counsels with respect to their job prospects; Women Development Committee headed by lady teachers takes care of girl students and their problems). There is no 'earn-while-you-learn' scheme. However, students are given an opportunity to assist in the library and in setting up laboratory and they are rewarded.

5.2.4 What type of support services are available to overseas students?

So far there are no overseas students.

5.2.5 Give details of the placement and counseling services for the students?

Since the college does not have an employment cell data on placement cannot be furnished. However, a random survey shows that our students find their way into state (*Zilla Parishad*, police, teaching and law) and other services including banking service. But we have an Employment Guidance Bureau that

guides/counsels students regarding job prospects and self-employment. The bureau also counsels students as to the course they may offer for higher studies.

5.2.6 How does the institution encourage and develop entrepreneurial skill among the students?

To encourage and to develop entrepreneurial skill among students the institution has started some add-on-courses. These courses shall make our students competent to start some venture on their own. They are:

Herbal Medicine, Maintenance of Home Appliances, Office-Automation and Spoken English.

5.2.7 Does the faculty participate in academic and personal counseling? If yes, give details on services provided during the last academic year?

Yes, the faculty does academic and personal counseling informally. The faculty, on assessing their aptitude, suggests the course they may take after graduation. On the suggestion of the faculty some go for post-graduate course, some join professional courses like law, business administration, MCA, B. Ed and B. Phy. Ed. Two of our students started a computer institute on their own with the counseling.

5.2.8 Is there a separate guidance and counseling centre for women students? If yes, enumerate the activities of the centre.

Yes, there is a separate guidance and counseling centre viz Women Development Committee headed by lady teachers for women students. The main activities of the committee are:

- To hold meetings in college to inform girl students of their status in class, in family and in the larger society- to improve their self-respect,

- To conduct seminars in villages in association with the NSS to inform village women of their rights and roles in the family and in the society- to inform them on how to stand against violence on them, to infuse them with the high ideals of Savitribai Fule, a notable woman social worker of Maharashtra of yester year, to instill confidence in them, and to prepare them for the future task of a housewife and/or of an employee in an institution.
- To inform them on how to be on guard against sexual discrimination/harassment in work-place,
- To hold essay competitions exclusively for girl students on topics/subjects related to women,
- To organize a fortnightly meeting to create awareness among women on how to stand against domestic violence against women and to inform them of the forum they approach for redressal, and to inform them of the various state government schemes exclusively for women, and
- To arrange a platform to girl students to air their views of vexing issues like sexual discrimination/ harassment/violence at home and at work place.

5.2.9 Is there a Cell/Committee constituted for prevention/action against sexual harassment of women students? If yes, detail its constitution and enumerate its activities (issues addressed during the last two years)

As per the Nagpur University guidelines No.NU/ORD/ATA/02/946 dated 23 May 2002 a Cell against Sexual Harassment & Gender Violation is constituted in the college. The committee consists of five members including non-teaching staff with the principal as its head. The committee studies the complaint, if any, addressed to it. It tries to solve the issue speedily. If not resolved, the committee may approach the competent authority.

Till now the committee has not received any complaint. We have a healthy atmosphere in the college campus.

5.2.10 Does the institution have a grievance redressal cell? If yes, what are its functions? Detail the major grievances redressed during the last two years.

The college has a working Grievance Redressal Cell comprising the principal and the three heads of faculties- Arts, Science and Commerce.

The complaints are classified into two types: individual and collective eg. on courses or on infrastructural facilities.

- The cell looks into the complaints (of employees and students) received and takes appropriate action to the satisfaction of the aggrieved.
- The cell interacts with aggrieved persons to find a solution to the issue/ grievance.
- If a solution is not reached the cell may approach or direct the party/ies affected to approach the higher authorities -the management/the university as the case may be.
- There was a longstanding demand from students of Gadchiroli for a change in bus schedule to enable them to reach college in time. The grievance cell approached the state transport authority and got the early morning schedule changed to suit students' college hours.

In the last two years there was no major grievance to be addressed/redressed.

5.2.11 Is there a provision for acquiring computer skills/literacy for all students in the curriculum? If yes give details on how it is imparted and level of proficiency.

Yes, there is a provision for computer education at B.Sc. Level (Computer Science) and at B.Com. (IT). For the rest of the student MSCIT (A course on

computer basics/literacy) and add-on-course 'Office-Automation' are offered.

Interested students may take admission to these courses.

5.2.12 What value- added courses are introduced the institution to develop life skills; career training; community orientation; good citizenship, and personality development of students?

The institution offers a few new skill-based, career oriented courses aimed at personality development of students and to meet the local demands. They are termed as add-on courses.

- The courses are aimed at developing career training skills for employment.
- Language lab is provided for training in Spoken-English.
- The students are awarded Certificate /Diploma along with the degree in Science / Arts/ Commerce.
- The activities of NSS, Women Development Committee, Adult and Population Education, and Extension Services are community orientated. They culture a sense good citizenship in students. These activities bring students and the public in direct contact; addressing their needs/practical problems instills some responsibility in them and a sense of commitment to the society.

The value added courses are:

- 1) Herbal medicine
- 2) Maintenance of domestic appliances
- 3) Office Automation
- 4) Spoken English

5.2.13 How does the institution ensure safety and security of the students, faculty and the institutional assets?

The institution is encircled by six feet high compound wall. In addition to this the institution has a guard during working hours and a night watchman

### **5.3 Students Activities**

5.3.1 Does the institution have an alumni association? If yes

- 1) List its current office bearers?
- 2) List its activities during the last two years?
- 3) Give the details of top ten alumni occupying prominent position?
- 4) Give details of the contribution of alumni to the growth and development of the institution.

Yes, the Institution has an alumni association.

1) The list of office-bearers of the alumni-association

- 1 Mr Hiralal Yerme - President
- 2 Mr Shashikant Gedam – Working president
- 3 Mr Arun Nimbekar - Vice-president
- 4 Mr Vilas Dhore – Secretary
- 5 Mr Sanjay Donadkar – Joint-Secretary
- 6 Mr Hiraji Banpurkar – Member
- 7 Mr Vijay Sorte – Member
- 8 Ku Alka Hemke – Member
- 9 Dr Sangita Raut - Member
- 10 Mr Ramesh Dhote- Member
- 11 Dr Lal Singh Khalsa – Convener

2) Organized conference which provided a forum for exchanging ideas of alumni, the faculty and the present students.

- Academic and financial contributions

- The alumni association has developed goodwill between faculty and alumni

3) Top ten alumni of the institution:

- |    |                        |                  |
|----|------------------------|------------------|
| 1  | Dr Yuwaraj Selokar     | Principal        |
| 2  | Dr L.H Khalsa          | Lecturer         |
| 3  | Mr Subhash Banpurkar   | Fire Engineer    |
| 4  | Mr Bhaskar Dange       | Business man     |
| 5  | Mr Ajay Meshram        | Engineer BSNL    |
| 6  | Mr Chandrakant Darekar | Advocate         |
| 7  | Mr Rakesh Nakade       | Pilot            |
| 8  | Mr Dilip Jajani        | Industrialist    |
| 9  | Mr Aravind Selokar     | Deputy Tahsildar |
| 10 | Mr Hiralal Yerne       | Social worker    |

4) Alumni contribute to the development of the institution is marginal mostly in the form of reading materials for the library. But their feedback that helps the institution reconsider its development policy is commendable. Some of the add-on-courses are the suggestions of the alumni.

5.3.2 How does the institution encourage its students to participate in extra curricular activities including sports and games? Give details on the achievements of students during the last two years.

The institution gives financial/material assistance to students to encourage them in extra curricular activities including sports and games to encourage them remaining within its means.

- Meets the travel support bills,
- Gives additional, sports kit including blazer

- The academic loss is made up by giving personal guidance by subject teachers.
- Encourages students' participation in intra- and inter collegiate level, university/ divisional/ state/international level.
- Organizes annual cultural/ sports meet to help develop their talents at college level.

### **Achievements of students in cultural and extension activities**

#### **Awards won during the year 2007-08**

Sr. No	Name of Student & Class	Event's Name	Venue	Prize	Date
1	Mr. Santosh Jengathe B.Sc. II	Best NSS Volunteer	R.T.M. Nagpur University	1 <sup>st</sup>	2007-08
1	Ku. Priyanka Ambatwar B.Sc. II	Inter-collegiate Debate "SEZ is essential or not"	Bhartiya Shikshan Sanstha, Navargaon.	2 <sup>nd</sup>	28.08.07
3	Ku. Deepa Samarth B.Sc. II	Inter-collegiate Elocution Contest- "Contribution of co-operative movement"	Gadchiroli Dist. Co-operative Mandal.	2 <sup>nd</sup>	20.09.07
4	Ku. Jyoti Bhattacharya B.Sc.III	District level Essay Contest – "Increase in Accidents – a challenge"	District Police Deptt. & Police Station, Armori.	1 <sup>st</sup>	05.01.08
5	Ku. Priyanka Ambatwar B.Sc. II	District level Essay Contest – "Increase in Accidents – a challenge"	District Police Deptt. & Police Station, Armori.	2 <sup>nd</sup>	05.01.08
6	Ku. Priyanka Ambatwar B.Sc. II	Inter-collegiate Debate Competition	Dr. Ambedkar College, Chandrapur.	2 <sup>nd</sup>	07.01.08

7	Ku. Priyanka Ambatwar B.Sc. II	Inter-collegiate Elocution Contest	Social forestry Deptt. Nagpur.	1 <sup>st</sup>	08.02.08
8	Pradip G. Tamgale B.Sc. II	Intercollegiate students Seminar	Shivaji Science College, Nagpur.	3 <sup>rd</sup>	17.12.07
9	Ku. Jaydevi Kawandar B.Sc. II	Inter-collegiate Poster Presentation	Shivaji Science College, Nagpur.	1 <sup>st</sup>	17.12.07

**Awards won during the year 2008-09**

Sr. No.	Name of the student & class	Event's Name	Venue/Organizer	Prize
1	Ku. Deepa Samarth B.Sc. III	Inter- collegiate Debate	Gadchiroli Dist. Co- Operative Mandal	2 <sup>nd</sup>
2	Ku. Priyanka Ambatwar B.Sc. III	Inter- collegiate Elocution	Fule Ambedkar Social work college, Gadchiroli	1 <sup>st</sup>
3	Ku. Priyanka Ambatkar B.Sc. III	Inter- collegiate Dance	Prajapita Vishwavidyalaya, Chandrapur	1 <sup>st</sup>
4	Ku. Deepa Samarth B.Sc. III	Inter- collegiate Elocution	Social Forestry Deptt. Nagpur	2 <sup>nd</sup>
5	Ku. Priyanka Ambatkar B.Sc. III	Inter- collegiate Debate	Dr. Ambedkar College, Chandrapur	3 <sup>rd</sup>
6	Ku. Priyanka Ambatwar B.Sc. III	Inter- collegiate	Adarsha Arts, Commerce College,	1 <sup>st</sup>

		Debate	Wadsa	
7	Ku. Priyanka Ambatwar B.Sc. III	Inter- collegiate Elocution	Dr. Ambedkar Research and Training Institute, Gadchiroli	2 <sup>nd</sup>

5.3.3 How does the institution involve and encourage students to publish matters like catalogues, wall magazines, college magazine, and other material? List the major publication/ materials brought out by students during the previous academic session.

The institution has a bill/presentation board meant for budding writers in the library. Selected items are displayed on the board for their satisfaction. It is known as *Sahitya Yatri*

5.3.4 Does the institution have a student council or any similar body? Give details on its constitution major activities and funding?

Yes, the institution has a student council as per the university regulations/state government Universities Act 1994 Section 40 (2 b). Every year selection to this body is done at the beginning of the academic year as per the norms set up by the said Act. Details in Annexure-3

Activities of the student council:

- Conveys the grievances of students to the Principal,
- Organizes sports/cultural meet every year,
- Gives suggestion regarding the development of the institution, and
- Reports to the principal/disciplinary committee of any untoward incident in the campus.

5.3.5 Give details of the various academic and administrative bodies and their activities (academic and administrative), which have student representation on them.

Student Representative Council is a body with students' representation. They may give suggestion on administrative/academic matters to the Principal.

5.3.6 Does the institution have mechanism to seek and use data and feedback from its graduates and from employers, to improve the growth and development of the institution?

Yes, the institution has a mechanism to collect feedback from final year and P.G students. IQAC analyses the feedback collected. The inputs from graduates are applied in improving the support services like central library, hostel, sports and, cultural activities as well as self-corrective measures by teachers

- The Institution collects the addresses of the employers, obtains feedback from them regarding the skills required. They also point out deficiencies if any. Based on the input the institution modifies or revises the policy and tries to start some new need based programmes/add-on-courses.

#### **5.4 Best Practices in Student Support and Progression**

Give details of institutional best practices towards student support and progression.

The best practices towards student support and progression are:

- The institution cares for the underprivileged as is evident from the student social profile (95% of our students are from backward society). About 45% of our students are women indicating a rise in the social status of women.

- Various welfare schemes are implemented (Student Safety Insurance Policy, subsidized canteen, employment guidance and counseling)
- Makes effort to retain students enrolled
- Ensures good student support (academic, financial)
- Offers add-on-courses to promote entrepreneurial skill
- Students have moral support from teachers by way of counseling
- Gives computer training to its students
- Keeps constant vigil against ragging
- Cultures good relationship between staff and students

\* The institution has

- a cell to be on guard against sexual harassment and a grievance redressal cell;
- scope for sports and games and cultural activities for their development,
- forged good relationship with villagers through NSS and extension activities;

**For Re-accreditation:**

1. The evaluative observation under student support and progression: Establish an employment and placement cell.

The institution has an Employment Guidance Cell. The Cell assists/ guides students regarding higher courses to be taken and informs them of job prospects/opportunities in the job market and guides/assists them on how to approach/apply the prospective employers.

2. Quality sustenance measures undertaken by the institution since the last Assessment and Accreditation are:

- The institution has added a few value based courses;
- Promoting ICT
- Encourages entrepreneurial and computer skill.

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## Criterion- 6 : Governance and Leadership

### 6.1 Institutional Vision and Leadership

6.1.1 State the Vision and Mission statement of the institution and give details on how the institution-

- a) ensures that the vision and mission of the institution is in tune with the objective of the Higher Education policies of the Nation?
- b) translates its vision statement into its activities?

Our vision is

- to bring the marginalized into the mainstream,
- to give right and best education to our students and make them self-reliant, self-confident and employable,
- to promote and inculcate the spirit of national integration in them,
- to commit ourselves to the services of the society,
- to create environmental awareness among the mass.

Our mission is

- to make higher education accessible to a discriminated mass of students to make them educationally competent to meet the demands of the world,
- to groom them into honest citizens committed to the general well being,
- to infuse in them the ideals of our great leaders so that they fend off the marauding forces of parochialism and divisiveness.

In our view our vision and mission explicitly pronounces our commitment to the nation and the national policy on education.

- b) To realize our vision of bringing the underprivileged class of students on par with their privileged counterparts in matters quality and employability we

- admit them into our institution without stringent conditions of higher percentage, who otherwise would be left out from higher education. This is in tune with the national policy of reaching the unreached.
- give them the right and best education possible,
- train them in computer and the related field,
- give them the need based skills to boost their entrepreneurial inclination,
- guide them in extension activities in villages and to develop leadership quality in them,
- instill in our students sensitivity to the needs of the community,
- remind them of their cultural heritage at a time when our culture is eroding fast.

6.1.2 Enumerate the Management's commitment, leadership-role and involvement for effective and efficient transaction of the teaching-learning processes.

It was the vision of the late founder president to make higher education accessible to the poor tribal youth. Taking inspiration from him the management

- sees that new and useful courses are added to the existing ones
- offers financial assistance to deserving students
- gives moral support to the staff and students in their enterprise
- appoints teachers in due time to meet academic obligations
- sends teachers for professional improvement programmes
- arranges for the modern electronic teaching-aids and materials for a better delivery of the academic programmes
- holds periodical meetings with the staff to assess the working of the institution

- evinces a keen interest in the academic activities such as admission, status of course and university results
- encourages the staff to take up research projects
- exhorts the staff to live up to the expectations of the founder of the institution by working together in the spirit of a joint-family
- reminds the staff the ideals of great leaders like Gandhi and Tukdoji Maharaj to boost their morale.

6.1.3 How does the management and the Head of the institution ensure that responsibilities are defined and communicated to the staff of the institution?

The management has framed a code of conduct for the staff that gives a healthy atmosphere in the college. To sustain this

- The members of the management visit the institution regularly
- interact with students to show their patronage.
- The principal, on his part, has assigned portfolios to teachers so that the institution functions like a well greased machine. It has a collateral benefit: it keeps the flocks together.
- He also asks for the reports from various committees to take stock of the situation from time to time.

6.1.4 How does the Management/Head of the Institution ensure that adequate information (feed back and personal contacts etc.) is available for the management, to review the activities of the institution?

- The institution has a mechanism to get feedback on curriculum, co-and extra-curricular activities and infrastructure from the stake-holders.
- The feedback is analyzed and summary of it is informally communicated to the management.

- the management also holds meetings with the staff to learn of the activities of the college, to hear grievances, if any
- Through the Local Management Committee meetings also the management gathers information on the functioning of the college/staff and plans the course of action.

6.1.5 How does the management encourage and support involvement of the staff for improvement of the effectiveness and efficiency of the institutional process?

The management takes various steps to encourage and support involvement of staff to improve the effectiveness and efficiency of the working of the institution:

- The management takes the staff into confidence and assigns various responsibilities/ duties such as organization of conferences/ seminars/ workshops/NSS camps.
- If financial assistance is not forthcoming from the funding agencies (Government/ UGC) the management steps in to tide over the situation.
- The management places orders for the equipment needed for the college in consultation with the staff;
- seeks the suggestion of the staff regarding major work: new courses and development to be done in the college;
- gives study/duty leaves to avail of FIP and encourages them to avail of any such chances for the general development of the institution
- shows keen interest in the extra/extension activities of the college and participates in such programmes/activities particularly NSS camps/ activities
- offers all possible assistance to make such programmes a success.

6.1.6 Describe the leadership role of the Head of the institution, in governance and management of the institution.

The Principal as the head of the institution

- holds regular meetings with the staff to assess the situation and to inform the staff of the new directives/strategies and developments in the state /University/UGC policy on higher education
- holds meetings with the heads of departments/different committees to monitor, to brief them and to plan/discuss strategies or course of action on different curricular and co-curricular activities in the college;
- has appointed heads for three faculties who monitor course related work, evaluation, and development of the faculties;
- delegates power to committees formed expressly to conduct/hold of conferences/ seminars/ workshops. The committees in consultation with the principal execute it;
- publicly appreciates the members of the committees assigned for the job on successfully conducting major events;
- involves the staff in the workings of the institution by entrusting them with various responsibilities such as the general discipline of the college, admission, starting of new courses, maintenance/ development of infrastructure and public relations;
- gives his suggestions/ recommendations, in the LMC meetings, as the ex-officio member, that are vital to the functioning/development of the institution;
- serves as a link between the staff and the management.

## 6.2 Organizational Arrangements

6.2.1 Give the organizational structure and details of the academic and administrative bodies of the institution. Give details of the meetings held, and the decisions taken by these bodies, regarding finance, infrastructure, faculty recruitment, performance evaluation of teaching and non-teaching staff, research and extension activities, linkages and examinations held during the last two years.

The organizational structure of the institution has four tiers:

- The Board of Trustees of *Manoharbai Shikshan Prasarak Mandal* Armori is an apex body (The college is the flagship of the *Mandal*),
- The Local Management Committee (consisting of 6 representatives of trustee, three teaching staff and one non-teaching staff elected members from amongst themselves with the President of board of trustee as Chairman and the Principal as the ex-officio member secretary)
- The Principal looks after the day today academic and administrative activities of the college.
- Various bodies/committees (appointed by the Principal on which certain powers are delegated assist the principal).

Details of the meetings of the various bodies: LMC, Staff Council

### LMC

The committee met seven times in the academic years 2007-09 beginning from 18-04-07 to deliberate on academic matters. The major decisions taken in the meetings are to-

- Authorize the newly appointed principal to do the bank transactions
- Approve the financial budget for the year 2008-09
- Decide the admission policy for the year 2007-08 and 2008-09

- Give ascent to organize national/state level seminars/conferences
- Sanction lien to Dr Singh and Dr Wankhade
- Discuss the university results and the corrective measures to improve the result
- Review the admission position
- Grant study leave (lien) to Mr Dorlikar and Mr Chavhan (FIP)
- Refuse to extend the application of Dr Singh for the extending lien
- Modify Physics and Computer labs and set up Micro-biology lab
- Felicitate principal Dr V.S Edlabadkar on his inclusion in the NCERT board and Dr L.H Khalsa on his presenting a paper at an international conference in Bulgaria
- Fill up the vacancy if Dr Dadve does not join after the expiry of his lien
- Accept the resignation of Dr Singh on the expiry of his lien

### **The Staff Council**

The staff council met three times in the academic years 2007-09. The major decisions taken are

- Plan the academic management of the year
- Maintain discipline in the campus
- Discuss the introduction of environmental studies in second year degree level
- Plan workshop on PBR
- Ensure regular attendance of students
- Review the status of admission
- Review the previous years' university results

6.2.2 To what extent is the administration decentralized? How does the institution improve the quality of its educational provisions?

- The college has a system that ensures responsibility, coordination and accountability in the various activities of the college.
- The devolved and delegated powers are well defined.
- The proposals and suggestions come from the lower rung going up the ladder but without much 'bureaucratic' spokes.
- Heads/Members of different departments/committees/associations such as staff council, admission committee, non-teaching staff body, infrastructure committee, discipline committee, women's redressal cell, NSS, IQAC, NAAC and library advisory committee sit with the principal to plan for the development of the concerned sections.
- The quality maintaining mechanism (IQAC) meets regularly to monitor the academic activities to ensure and enhance the quality in higher education as defined by NAAC.
- The recommendations of the various academic and non-academic bodies go to the LMC through the Principal from there to the governing body for deliberation and final action.
- The decisions of the higher hierarchy are implemented through various committees/ bodies.

6.2.3 Does the institution have effective internal coordination and monitoring mechanisms? If yes, specify.

Yes, the institution has effective internal coordination and monitoring mechanism. Various bodies (staff council, admission committee, examination committee, infrastructure committee, discipline committee, women's redressal

cell, NSS, IQAC, NAAC and library advisory committee) constituted with powers devolved to them look into the work assigned to them. The Principal co-ordinates the activities of these different committees.

6.2.4 Does the institution have a Grievance Redressal Cell for its employees? If yes, what are its functions? List the number of grievances redressed during the last two years.

Yes, the institution has a Grievance Redressal Cell for its employees. The aggrieved members of the staff approach the cell for relief. The cell through the principal forwards it to the LMC if need be. Generally, grievances are redressed at the initial node, and disputes, if any, settled speedily.

In the last two there weren't any grievance to be addressed by the LMC.

6.2.5 How many times does the management meet the staff in an academic year? What are the major issues discussed during the last meeting?

The scheduled meetings of the management take place two times a year: at the beginning of the academic session and towards the end of the session. If the management has some other important issues to inform/discuss with the staff that needs urgent attention, then there are unscheduled meetings with the staff.

The major issues discussed during the last meeting were:

- Review of the university result of 2009 March
- Organization of History and Biology seminars
- Preparedness for the NAAC re-accreditation
- Review of minor/major research programmes

Further the management shares its views on the policy of the institution.

Apart from these academic and administrative appraisal meetings, the management meets the staff on 2<sup>nd</sup> October, 14<sup>th</sup> July & 13<sup>th</sup> February, the

birth and death anniversaries respectively of the founder president of the *Shikshan Prasarak Mandal*. In these meetings the management shares their piece of mind with the staff.

6.2.6 Is there a Cell to prevent sexual harassment of women staff? How effective is the functioning of the Cell?

There is a cell to prevent the sexual harassment of women staff with the Principal as chairman and two lady teachers as members. Fortunately, no complaints were received so far.

### **6.3 Strategy Development and Deployment**

6.3.1 Describe the procedure of developing the perspective institutional plan. How are the teachers, students, and administrators involved in the planning process?

The management of the institution has a clear idea about the future development of the college. It executes it democratically:

- The plan is discussed thread bare in the Local Management Council meetings.
- Inputs from the Principal of the college, staff council, students' council and feedback from students are considered in the deliberations.
- Reports/observations of the teachers representing different bodies/ committees are also taken into consideration in formulating the strategic plan and budgetary provisions. It also helps mobilization of resources.
- The Local Management Council deliberates on it to carry out the development work.

6.3.2 How are the objectives communicated and deployed to all levels, to ensure individual employee's contribution for the institutional development?

The management and the Principal inform the staff of the policy decisions and the objectives of the institution and exhort/direct them to contribute to the cause by giving their unstinted support in the enterprise.

- The management involves the senior members of the staff in decision making meetings/bodies.
- The staff, teachers in particular, is deputed to execute plans related to academic and other activities.
- The management and the principal analyze the work done and complement the staff for the cooperation they extended.

6.3.3 List the different committees constituted for the management of different institutional activities? Give details of the meetings held and the decisions taken, regarding academic management, finance, infrastructure, faculty, research, extension and linkages, and examinations held during the last two years.

The committees constituted for the management of different institutional activities are:

- A) Academic: co-curricular, science association, time-table, library, result improvement and LMC
- B) Finance: purchase committee and LMC
- C) Infrastructure
- D) Research
- E) Extension & linkages: NSS and adult education
- F) Examination

A summary of the meetings held is given as an annexure- 4 at the end of this report.

6.3.4 Has the institution an MIS in place, to select, collect, align and integrate data and information on the academic and administrative aspects of the institution?

Yes, the institution has an MIS in place.

- For administrative purposes we have 'ADMIN' package which maintains data on students' admissions, scholarships, student receipts, students' performance record in different periodic tests, salaries and partly accounts.
- For the library purpose we have the software 'LIBMAN' which takes care of all transactions in the library
- The data is entered at one point and the integration is automatically done by the software to produce different reports.

6.3.5 Does the institution use the various data and information obtained from the feedback, in decision-making and performance improvement of the faculty? If yes, give details.

Yes, the institution uses the feedback from students, parents and alumni to formulate its plan of action and assess the performance of the faculty.

- The principal studies the feedback and gives due direction to teachers regarding their performance. The principal also considers suggestions (a suggestion box is kept in the library expressly for this purpose) and requests from students. .
- Observations of the Parent-Teacher Association and Alumni Association are also considered for the overall development of the faculty and the institution.
- The action taken on feedback/ inputs is reflected in the introduction of the following new courses

- Micro-biology and PG (in Mathematics, Economics and History),
- Add-on-Courses (Herbal- Medicine, Office-automation, and Spoken English),  
and in
- the organization of academic activities (seminars/ conferences/ workshops),
- sending the faculty on FIPs
- developing the infrastructure facilities.

6.3.6 What are the institution's initiatives for promoting co-operation, sharing of knowledge, innovations and empowerment of the faculty? (Skill sharing across departments, creating/providing conducive environment, etc.)

The institution has cultured a healthy atmosphere of camaraderie among teachers.

- The institution through staff council meetings urges teachers to work together.
- At the initiation of the college teachers organize get-together
- The institution felicitates those who receive awards/honours and superannuated employees on retiring.
- The institution, on different occasions, invites teachers to give their views on issues related to college.
- The institution encourages teachers to give lectures on their subjects in the college as well as in the neighbouring colleges.

#### **6.4 Human Resource Management**

6.4.1 What are the mechanisms for performance assessment (teaching, research, service of faculty and staff? (Self-appraisal method, comprehensive evaluation by students and peers). Does the institution use the evaluations to improve teaching/ research of the faculty and service of the faculty by other staff? If yes, how?

The existing performance assessment mechanisms are self-appraisal method, students' assessment of teachers, and suggestions/remarks by other teachers and the principal of the institution.

- As to the self-assessment: teachers submit their self-assessment report to the principal for appraisal. The report specifies his contribution to teaching/learning process, the innovative practices he has devised, his academic improvement efforts/programmes and his participation in the activities related to college.
- As to students' report on teachers: a summary of students' assessment of teachers is submitted to the principal for his comments.
- The principal in the course of the year, whenever needed, gives guidance to teachers.
- Observation of teachers visiting to our institution is considered for evaluation of our teachers.

The institution uses the evaluation report to improve the quality of teacher by pointing out his strong as well as weak points.

6.4.2 What are the welfare measures for the staff and faculty? (Mention only those which affect and improve staff well-being, satisfaction and motivation)

We have a slew of welfare measures for the staff (both teaching and non-teaching):

- Staff Benefit Fund turned Credit Cooperative Society (a registered body) is the first. The staff can avail of loans, including emergency loan, from the society
- The staff raises a fund for an employee in distress to tide over the situation.
- Medical reimbursement is done for employees and dependants.

- The staff may apply for home-loan/consumer loans to different banks with the guarantee by the Principal that the refund will be done by installments from the salary payment
- The staff enjoys leave travel concession.
- Teachers on accepting some degree/recognition are felicitated in public functions held in the college.
- Birth day greetings which are reciprocated with a treat mark the healthy relationship among the staff.
- Spiritual discourse/*bhajans* on commemorating the birth-day of Tukdoji Maharaj to instill moral/spiritual values in the staff.
- Occasional *Yoga* sessions for the staff.
- Staff vs student cricket match or volley-ball match on sports week.

6.4.3 What are the strategies and implementation plans of the institution to recruit and retain faculty and other staff who have the desired qualifications, knowledge and skills?

The college has to follow a procedure as laid down by university act to recruit the faculty as follows:

- To get the right candidates the institution follows a transparent selection process by advertising the post in a national and a regional news papers apart from posting it on the website.
- In the advertisement and selection process the institution follows UGC/ government/ Nagpur University norms.
- On being selected the institution gives the appointment letter (on probation/ temporary) depending on the nature of the vacancy.

To retain the qualified staff

- We give full benefit of all government/UGC schemes.
- We encourage them to apply for various schemes to enhance their qualification and skills.
- We felicitate staff members whenever they achieve new degrees/awards/honours.
- On completion of the probation, the services of those teachers are confirmed if found satisfactory.

6.4.4 What are the criteria for employing part-time /ad hoc faculty? How are the recruitment conditions of part-time/ ad-hoc faculty different from that of the regular faculty? (eg. Salary structure, workload, specializations).

- Qualified candidates on contributory basis are selected as per the government/ UGC/ Nagpur University rules by a committee constituted for the purpose.
- The committee will not have any government or university representative as in the case of regular appointments.
- Their salary is as per the university rules on clock hour basis. A maximum 7 periods a week may be allotted to them.
- The salary is borne by the management.
- Teachers on ad-hoc basis do not enjoy any other financial benefits the regular teachers enjoy.

Transparency is observed in the selection of part-time/ad-hoc appointment of faculty, too.

6.4.5 What are the policies, resources and practices of the institution that support and ensure the professional development of the faculty? (eg budget allocation for staff development, sponsoring for advanced study, research, participation in seminars, conferences, workshops, etc and supporting membership and active

involvement in local, state, national and international professional associations).

As a matter of policy, the institution encourages and supports activities that aim at faculty improvement. The institution uses its meager resources to partially fund such activities.

- Budgetary allocation for staff development programmes is limited to the extent of meeting the TA/DA bills of the staff on presentation of research papers in national/ international seminars and conferences.
- The institution grants the staff duty/study leave to participate in various faculty improvement programmes such as conferences/seminars/workshops and present research papers;
- sanctions long study leave/ duty leave for professional training such as refresher course/orientation programme and to do Ph. D;
- encourages them to take up minor/major research programmes;
- appreciates the staff on their participation/association with various national and international professional bodies.
- gives logistic support to teachers in organizing seminars/ conferences/ workshops.

6.4.6 How do you assess the needs of the faculty development? Has the institution conducted any staff development programmes for skill up-gradation and training of the staff? If yes, give details.

Yes, the institution has a research committee to assess and assist professional needs of the staff.

- The committee keeps track of various refresher courses/orientation programmes organized by different universities.

- The committee analyses the academic situation of the institution and recommends the names of teachers who needs/desires to attend such programmes.
- The institution has conducted a few seminars/conference/workshops.

6.4.7 What are the facilities provided to faculty? (Well-maintained and functional office, infrastructure and other space to carry out their work effectively etc.)

The institution has provided learning facilities and basic facilities to the staff.

As to the learning facility the institution has

- Computer interfaced LCD projector accessible to the faculty for computer aided teaching/ learning.
- A central computing facility to the faculty and students with 10 PCs.
- Qualified and experienced staff to provide technical assistance to the staff.
- Broadband internet through BSNL from 8am to 2.30 pm on all working days

As to the basic facilities the college has

- A spacious staff room
- A canteen in its premises with beverages hot and cold, and snacks fresh and packaged at modest rate.
- A well manicured garden with enough plants to give the campus a pleasant look.
- Enough parking space for staff and students to park their vehicles.
- arrangement for clean drinking water for staff and students,
- A retiring room for guests/visitors
- a suggestion box for students to give their suggestions on the facilities at the college.
- submitted a proposal for a Day Care centre to the UGC in the XI<sup>th</sup> plan.

## 6.5 Financial Management and Resource Mobilization

6.5.1 Does the institution get financial support from the Government? If yes, mention the grants received in the last three years under different heads. If no, give details of the sources of revenue and income generated during the last three years?

Yes, the details are shown in tables below.

Non-salary grant (Expenditure) received from the state government in the years 2006-07 to 2008-09

Head	Year		
	2006-07	2007-08	2008-09
Salary	1,19,71,638	1,56,82,136	1,61,44,594
Library books	72,791	93,177	71,759
Furniture	44,250	56,300	1,20,177
Equipment	86,162	1,23,072	1,56,183
Games materials	84,581	84,581	48,653
Chemicals & Apparatus	1,42,052	64,448	.....
Contingency	3,29,473	4,40,298	7,07,758
Total (in Rs/-)	1,28,78,536	1,62,05,043	1,72,49,124

6.5.2 What is the quantum of resources mobilized through donation? Give information for the last two years.

No, we have not received any donation in the last two years.

6.5.3 Is there adequate budget to cover the day-to-day expenses? If no, how is the deficit met?

Yes, there is adequate budget to cover the day-to-day expenses. In exigencies, the institution borrows from the management.

6.5.4 What are the budgetary resources to fulfill the institution's mission and offer quality programmes? (Budget allocations over the past two years, provide income expenditure statements)

The budgetary resources to fulfill the institutions missions are given in Annexure- 5 (a) & (b)

6.5.5 Are the accounts audited regularly? If yes, give the details of internal and external audit procedures and the audit reports for last two years.

Yes, internal and external auditing is done at the end of the academic year.

Internal auditing-

An internal audit committee is formed every year with three senior teachers.

This committee does the internal auditing and submits reports to the Principal.

External auditing-

An external auditor is appointed by the LMC. Mr Shende & Co Chartered Accountant Nagpur is the auditing firm for the institution. Every year the following documents are submitted to the auditor- cash book, ledgers, vouchers, fees register, bank pass books, grant sanctioned letters, and any other relevant documents like stock register, quotations, files and salary register. The auditor does the annual auditing and gives the audit statement.

The audit report is in Annexure- 6

6.5.6 Has the institution computerized its finance management systems? If yes, give details.

Yes, the institution has installed the legal software for financial management viz ADMIN. Using the software the institution manages salary and scholarship accounts.

## **6.6 Best Practices in Governance and Leadership**

6.6.1 What are the significant best practices in governance and leadership carried out by the institution?

The institution

- brings the marginalized into the mainstream by giving them the right and best education to make them self-reliant, self-confident and employable and thus improve their social status,
- trains them in computer and the related field to give them the need based skills to boost their entrepreneurial inclination,
- instills in the students sensitivity to the needs of the community and the responsibility of educating the villagers on preserving the natural resources from pollution and over-exploitation and reminds them of their cultural heritage at a time when our culture is fast eroding.
- offers financial assistance to the deserving students and gives social and moral support to the staff and students in their enterprise,
- functions in a democratic way by involving all staff in major decision making processes and devolving power to them in the administrative and academic processes.
- uses various information obtained from feedback in decision-making and performance improvement of the faculty,

- retains qualified staff and makes ad hoc appointments to meet man-power requirement,
- ensures the professional development of the faculty, conducts staff development programmes for skill up-gradation and training of the staff, and
- meets the professional needs of the staff; provides modern teaching/learning aids/ facilities.
- The institution has an effective internal coordination and monitoring mechanism,
- a cell to prevent the sexual harassment of women staff and students at a time when violence against women is on the rise,
- has cultured a healthy atmosphere of various departments/bodies working together,
- has mechanisms to assess the performance of its staff to improve their teaching/learning skill and methodology, and
- has various welfare measures for the staff and faculty to improve staff well-being, satisfaction and motivation,

For Re-Accreditation

- 1) What were the evaluative observations made under Organization and Management in the previous assessment report and how have they been acted upon?

No observation is made under Organization and Management in the previous assessment report.

- 2) What are the other quality sustenance and enhancement measures undertaken by the institution since the previous Assessment and Accreditation with regard to Organization and Management?

We have taken certain quality sustenance and enhancement measures as follows.

We have an MIS in place using software like ADMIN, LIBMAN.

We have

- Computerized administration
- Installed a new soft for the library
- Installed a central computing system with LAN/broadband internet connectivity
- Formed new committees such as purchase committee and research committee
- Conducted 3 seminars, 3 workshops and 1 conference
- Installed a water purifying machine for clean drinking water

We hold

- external guest lecture series
- regular unit tests, home assignments and student seminars
- regular evaluation of academic work

We have

- a regular feedback mechanism from all stakeholders
- welfare schemes including staff credit co-operative society for the welfare and retention of staff
- a cell for the prevention of sexual harassment

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## Criterion- 7 : Innovative Practices

### 7.1 Internal Quality Assurance System

7.1.1 What mechanisms have been developed by the institution for quality assurance within the existing academic and administrative systems?

The mechanisms developed by the institution for quality assurance are in the form of 'vigilant committees' such as staff council, research committee, library committee, result improvement committee and feedback committee.

7.1.2 What are the functions carried out by the above mechanisms in the quality enhancement of the institution?

The committees formed for the purpose study/discuss/analyze suggestions/issues for implementation.

a) Staff council is the overall in charge of the quality assurance. The council

- Evaluates the university results
- Monitors course work
- Discusses academic plan
- Decides co-curricular activities such as guest lectures, project work, seminars/conferences/workshops
- Deliberates on the academic needs and makes recommendation to the effect

b) Research committee looks into faculty improvement programmes:

- Requests teachers to send proposals for research projects to the UGC
- Guides the staff to do Ph. D
- Suggests to the staff to present papers at national and international conferences
- Requests the departments to organize seminars/conferences/workshops and review and pursue recommendations

c) Library Advisory committee

The Committee

- makes subjectwise budgetary allocations on books to be purchased– the course books and books for general reading
- subjectwise prioritizes titles to be purchased from the list of recommended books by different departments
- recommends revamp of the system of the library
- suggests rearrangement of the library for the optimal utilization of the space available

d) Result Improvement Committee

- Analyses previous year's result
- Devises measures to improve the result
- Prepares time-table to hold unit/periodical tests, give home-assignments
- Formulates strategy to ensure students' regular attendance in classes
- Sends letters to parents regarding their attendance and performance
- Acquaints students of the university examination pattern

e) Feedback committee

- Distributes feedback forms set for the purpose to students and collects the filled in forms from them
- Analyzes the feedback from students
- Submits a summary of the feedback to the principal for further action

f) The principal reviews the recommendation/suggestion of the committees and accordingly takes proper action

7.1.3 What is the role played by students in assuring quality of education imparted by the institution?

The students do have a significant role in assuring the quality of education imparted by the institution.

- Through the feedback mechanism they have a lot to say about the quality of education.
- Student representatives are involved in Internal Quality Assessment Committee.
- Their suggestions through the IQAC as well as informal are considered if merit attention.

7.1.4 What initiatives have been taken up by the institution to promote best practices in the institution? How does the institution ensure that the Best Practices have been internalized?

The institution introduces courses and streamlines activities including the extra-curricular activities keeping in mind the vision and mission of the institution.

- Holds meetings with the stake holders to get feedback and act accordingly
- Establishes linkage with GOs and NGOs
- Introduces inter-disciplinary career-oriented courses
- Promotes research activities
- Introduces ICT

These activities are essential part of the mission statement. The institution collects feedback from stake holders on the courses offered/introduced. Based on the feedback new courses/add-on-courses are introduced. For example,

Microbiology Electrical Maintenance and Office-automation were introduced recently and Sericulture was withdrawn.

7.1.5 In which way has the institution added value to the quality enhancement of students?

The institution adds value to quality by

- Opening its portals to socially and economically backward classes
- Helping them to acquire life skills
- Offering student-support services and facilities
- Facilitating academic flexibility and offering wide course of courses including add-on-courses
- Reminding them of their cultural heritage and commitment to the society
- Telling them of their role in the regional and national arena
- Prompting them to contribute to the general health of the society by working for and with them
- Exhorting them to make some sacrifices in the form of blood donations to poor patients
- Holding environmental awareness programmes

## **7.2 Inclusive Practices**

7.2.1 What practices have been taken up by the institution to provide access to students from the following sections of the society?

- a) Socially-backward
- b) Economically-weaker and
- c) Differently-abled

Access to all under this category is ensured through a total implementation of the state/ central/UGC policy on reservation. The institution

- Gives wide publicity to the programmes offered
- Spreads awareness among students and parents of the transparent, open admission policy and provision of all facilities (academic, financial and infrastructural) including  
Book Bank facility
- Offers in some cases full/ partial concession in admission fee
- Provides hostel facilities for girl students from all categories on a nominal fee
- Offers easy mobility/access to hostel to differently-abled students (a ramp has been constructed at hostel)

There is reservation as per government rule to differently-abled students in every department. The institution proposes to improve the facilities offered. A proposal has been submitted to UGC in this regard.

- To establish SC/ST cell
- To prepare students belonging to these categories for competitive examinations, NET/SET
- To start remedial teaching at college level

Following data of student admission for 2008-2009 is self explanatory.

Category	Reservation %	Admitted	Remarks
SC	15%	296	24.89%
ST	7.5%	192	16.15%
OBC	19%	417	34.90%
Physically-disabled	3%	04	0.38%
Women	33%	573	48%

7.2.2 What efforts have been made by the institution to recruit staff from the disadvantaged communities? Specify?

In the recruitment of teaching and non – teaching staff, the reservation roster of the government of Maharashtra, as per constitutional provisions, is strictly followed. The institution has made every effort in this direction.

The following data is self explanatory.

STAFF		SC	ST/NT	OBC	SBC	General	Total
Teaching		13	01	07		11	32
Non- teach.		04	02	06	02	01	15

7.2.3 What special efforts are made to achieve gender balance amongst student and staff?

- For students there is no separate quota for girl students in the reservation policy of admission. However, our general effort has resulted in an increase in the number of girl students in the roll. In every department more than 50% are girl students.
- No portfolio / committee is out of bounds for women. They can be included in any committee. Lady teachers are represented in committees like NSS, cultural, adult-education and population club, sports and in Science Association.
- Gender ratio statistics for students and teachers is annually collected from each department by the office of institution.
- Sexual harassment and gender violence grievance cell is functional
- We have a woman's development cell.

7.2.4 Has the institution done a gender audit and /or any gender-related sensitization courses for the staff / students? Give details.

Gender audit is annual on documenting the enrolment data.

Gender profile of staff and students for 2009-2010 is as follows

- (1) 557 out of 1069 students are girls
- (2) 09 out of 45 teachers are women
- (3) 01 out of 15 non-teaching staff is a woman

Gender related sensitization programmes are arranged in the college.

- Woman Development Cell of the college takes up regular activities on women empowerment, their constitutional rights to protection and safety.
- The institution ensures proper facilities for lady staff in the college.

7.2.5 What intervention strategies have been adopted by the institution to promote overall development of the students from rural / tribal background?

The institution is situated in a socially and educational backward area with a literacy rate of 64.85% (male 74.03% female 55.14 %) and the lowest per capita income per annum. The data available at the college shows that around 98% of students are from rural area and have studied in rural institutions belong to SC/ST and OBC categories.

This being the background for the overall profile of students, teachers and administration

- take into account their competence and skills while imparting instructions
- device strategies for slow learners
- give them personal counselling
- provide book bank facility to SC/ ST, OBC students
- facilitate scholarship/ free-ship to ST/SC and OBC students

- gives full / partial concession in admission fee
- provides hostel facility for girl students

To improve the services to the underprivileged section of students, the college

- has submitted a proposal to UGC for SC/ST cell to facilitate assistance, guidance and support to SC/ST students.
- has set up Employment Guidance Committee to guide the students for various competitive examinations, placements and self employment.

7.2.6 Does the institution have a mechanism to record the incremental academic growth of the students admitted from the disadvantaged sections?

Yes, the result improvement committee prepares annual report every year giving the overall performance of students in the university examination.

The faculty guide/ monitor the academic progression and achievements of students of their department.

Since about 98% of the students belong to SC/ST/ OBC category monitoring their performance is a major concern of the college.

The table below shows the students admitted during the last three years in various categories.

Faculty	2007-08				2008-09				2009-2010			
	SC	ST	OBC	O	SC	ST	OBC	O	SC	ST	OBC	O
Arts	173	143	318	110	193	157	289	115	175	145	302	108
Science	69	35	113	35	92	30	118	112	88	22	101	93
Commerce	03	03	04	05	11	06	08	24	10	05	13	16

7.2.7 What initiatives have been taken by the institution to promote social-justice and good citizenship amongst its students and staff? How have such initiatives reached out to the community?

The institution has taken up a slew of informal measures to promote social-justice and good citizenship amongst its students and staff.

- The first among them is culturing a healthy relationship among staff and students.
- The number of teachers recruited and students admitted from the underprivileged section far exceeds the reservation quota for these section stipulated by the government. This indicates that we are proactive in this matter.
- All the government schemes for the underprivileged class are implemented in letter and spirit.
- We arrange talks/seminars on special days like the birth and death anniversary of Dr Ambedkar, Rashtrasant Tukodoji Maharaj, birth anniversary of Savitribai Fule etc.
- We held a special UGC sponsored state level seminar on the life and work of Mahatma Jotiba Fule where eminent speakers from the state spoke on social justice.
- A message to this effect is given through regular classes by teachers.
- In our activities as regards to social justice we involve students and teachers on a large scale.

### 7.3 Stakeholder Relationship

7.3.1 How does the institution involve all its stakeholders in planning, implementation, and evolution of the academic programmes?

The institution ensures the involvement of all stakeholders in academic programmes are as follows. The institution

- directs teachers to be active in research work, curriculum development, innovative practices, evaluation reforms and learner centric approach in pedagogy;
- asks students to give feedback on the course, syllabus, examination reform, teachers, admission process and the facility available /needed in the college,
- arranges Alumni and Parent Meetings, their opinion and suggestions are taken into consideration in all academic transactions.
- Takes into consideration parents' feedback for starting new courses, suitability of time-table etc.
- Feedback is obtained from employers and industrial **representatives** on our students' competence, skill and employability.
- Reports in newspapers, observations made in legislative meetings and judicial observations are taken as feedback.
- LMC's directions are followed in all academic activities/ programmes.

7.3.2 How does the institution develop new programmes to create an overall climate conducive to learning?

As for new courses –

- The institution undertakes periodic assessment of the need of new courses/subjects, market and social needs and student expectations.

- All the three perspectives viz global, national and local needs are taken into on deciding new courses/ programmes.
- Thrust is given to the use of ICT tools, computer labs, interactive learning methods such as discussion, assignments and practical/ project work, to create an overall climate conducive to learning.
- Guest lectures, subject conferences and seminars (National / state level) experts' visit, are other learning processes.

7.3.3 What are the key factors that attract students and stakeholders to the institution and result in stakeholder satisfaction?

The key factors that attract students and stakeholder are-

- The social commitment of the founding fathers
- Academic atmosphere
- Modern, innovative courses and subjects
- Affordability of the courses and extension of all facilities
- Adequate infrastructure with ICT, library and other resources
- Learner centric focus
- Good hostel facilities for girl students
- Morning working hours ie. 7.30 am onwards
- Linkage with GOs and NGOs for all facilities/assistance coming from them
- Inter-disciplinary career-oriented courses
- Research activities
- ICT
- Teachers' quality
- Transparent admission, administration and enforcement of reservations
- Implementation of government policies and programmes and its transparency

- Thrust to SC, ST and OBC category in admissions
- Rich and distinct cultural heritage of the region
- Guidance for placements and self employment
- Presence of an institution with proven track records
- Good result and progression
- Cultural activities, co- curricular and sports
- PG course
- Easy access from neighbouring localities/hamlets
- Democratic set up of the administration
- Students and stakeholder are given equal opportunities to put forward their demands and suggestions aimed at the welfare of the institution.

The stakeholders' satisfaction is visible through ever increasing demand for admission year after year.

7.3.4 How does the institution elicit cooperation from all stakeholders to ensure overall development of the students, considering the curricular and co-curricular activities, research, community orientation and the personal/spiritual development of the students?

The institution elicits cooperation from all stakeholders in academic programmes by inviting them to participate in various activities in the college in moulding our students. The institution

- reminds teachers of the greatest responsibility vested on them
- directs teachers to improve their professional competence
- exhorts them to be dedicated teachers
- asks students to make the best use of facilities available in the college

- invites their response to/feedback on the course, syllabus, examination reform teaching, admission process and the facility available /needed in the college
- asks students to take initiative in holding cultural and community activities in the college
- gives them the responsibility of inviting guests and conducting programs.
- takes student representatives into confidence in planning and implementation
- arranges Alumni and Parent Meetings to elicit their opinion and suggestions
- collects employers' and industrial representatives' observation on our students' competence, skill and employability
- ensures community participation by working with and for the community through various activities such as NSS, Adult Education Club etc.
- approaches LMC for direction/patronage in the academic activities/programmes

All these measures generate a sense of belonging in the stakeholders.

For spiritual and personal development of students' the institution gives ample chances to express themselves through various programmes such as academic, cultural, literary and sports and games offered in the college. The institution observes nationally important days and exhorts students to live up to their ideals. On certain occasions prayers are also held in the college by inviting people from outside.

7.3.5 How do you anticipate public concerns with current and future program offerings and operations?

We anticipate public concerns through

- the letters received from parents, public and organizations from time to time on current issues and problems as well as future needs

- concern shown by visiting dignitaries
- remarks of Parent – Teacher Association
- interaction of teachers with parents
- News items on teachers, staff, academic programmes, and administration

All this is evident from the new courses the institution has introduced recently such as

- \* Introduction of microbiology
- \* ICT training to staff and students
- \* Career oriented courses

7.3.6 How does the institution promote social responsibilities and citizenship roles among students? Does it have any exclusive programme for the same?

The institution promotes social responsibilities and citizenship through co-curricular and extra-curricular activities. The institution

- arranges special lectures on socially and nationally important issues by experts, awareness programmes,
- celebrates national days/ festivals
- gives thrust on value education, social service and scientific temper
- organizes lecture series on science and technology, literature, social science and arts
- conducts regular programmes as regards to culture, fine arts, social and community services, environment awareness and eradication of superstitions through NSS and Adult Education Club. Through its activities the students strike a rapport with the communities and fulfill their social obligation/responsibilities

- observes Women's Day, World AIDS day, Teachers' Day, Gandhi *Jayanti*, *Rashtrasant Tukdoji Maharaj Jayanti*, *Sarva Sant Day*, Ambedkar *Jayanti*, Shivaji *Jayanti* and so on
- trains and encourages students to organize and conducts these programs/functions. Students' Council is given a free hand in holding/conducting these programs.

Exclusive programmes

- NSS gives emphasis on service, dedication and discipline
- Regular NSS programmes and special NSS camp culture social responsibility, sense of belonging, dignity of labour and solidarity with the community.

7.3.7 What are the institutional efforts to bring in community orientations in its activities?

Community orientation is the whole philosophy behind NSS & Adult Education Club. Through the activities of 200 strong student unit of NSS and 60 students of Adult Education Club we give a strong community orientation in all our activities. Some of the NSS & Adult Education Club activities are holding awareness camps in villages on

- personal and public hygiene
- social justice, rights of women
- AIDS
- drug addiction
- superstition
- money sharks
- various government financial schemes for the farmers/poor
- communal harmony

- eradication of polio
- water resource management
- environmental issues
- health and sustainable development;
- \* spreading literacy among village adults
- \* holding rallies in response to government's call
  - on anti-terrorism
  - on road-safety
- \* diagnostic and blood donation camps
- \* conducting survey on
  - socio-economic status
  - minerals and soil
  - sickle-cell disease

7.3.8 How does your institution actively support and strengthen the neighbourhood communities? How do you identify community needs and determine areas of emphasis for organizational involvement and support?

- Through various activities of the NSS Unit of the college, PBR project, socio-economic survey and Adult & Population Education Club the institution cultivates, supports and strengthens the neighbourhood communities.
- To identify the needs of the community and to determine the area of emphasis our PBR exercise, visit of NSS officers along with students to villages and interactions with villagers, NGOs and GOs prove to be helpful.

7.3.9 How do the faculty and students contribute in these activities?

The faculty and students contribute in these activities mainly through NSS, Adult Education Club and PBR activities.

7.3.10 Describe how your institution determines student satisfaction, relative to academic benchmarks? Do you update the approach in view of the current and future educational needs and challenges?

- The institution supplies feedback forms to students at the end of the academic year. The feedback tells what our students think of the courses offered, lab and library and the quality of teaching.
- The interest students show in various co-curricular activities such as student seminar, essay competitions and project work is also a scale to determine their academic satisfaction.
- Yes, we do update our approach by periodic review in LMC meetings and staff council meetings.

7.3.11 How do you build relationships?

To attract and retain students

To enhance students performance and

To meet their expectations of learning.

A) To attract and retain students the institution

- gives wide publicity to the courses offered, departmental profile and guidance for placement
- follows open admission process, reservation policy, affordability of the courses
- offers academic flexibility, wide programme options, need based curricula
- has developed and maintains good infrastructure facilities– class room, laboratories, sports facilities
- includes modern, innovative courses and subjects
- makes courses affordable

- provides adequate infrastructure with ICT, library and other resources
- offers good hostel facilities for girl students
- implements government policies of scholarships and freeships
- gives preferential treatment to SC, ST and OBC category in admissions
- tries to achieve good result in university examinations
- conducts cultural activities, co- curricular and sports
- runs PG courses

**B) To enhance students performance**

- offers inter-disciplinary career-oriented courses,
- conducts continuous assessment
- includes co-curricular activities
- gives personal care to students, their problems and issues,
- offers career guidance for placements and self employment
- provides effective grievance redressal
- encourages to build up self esteem,

**C) To meet their expectations of learning**

- The institution undertakes periodic assessment of the need of new courses/subjects, market and social needs
- uses ICT tools, computer labs, interactive learning methods such as discussion, assignments and practical/ project work, to create an overall climate conducive to learning.
- conducts student seminar in regular classes
- focuses on learner centric teaching
- organizes guest lectures, subject conferences and seminars (for students)
- makes academic atmosphere competitive

7.3.12 What is your complaint management process? How do you ensure that these complaints are resolved promptly and effectively? How are complaints aggregated and analyzed for use in the improvement of the organization, and for better stakeholder-relationship and satisfaction?

The institution has both formal and informal complaint management process.

- aggrieved persons can directly approach the principal/faculty-in-charge or through suggestion box
- complaints are promptly addressed by the grievance and redressal committee chaired by the principal with three senior faculty members
- suitable remedial action taken without any bias to the complainant
- complaints regarding policy matters or regarding major infrastructure demand are submitted to the LMC or staff council depending on the nature of the complaint
- complaints of personal level and incidental level are resolved at the level of the principal
- the institution follows right to information provision of the RTI Act

## **For Re-Accreditation**

- 1) How are the core values of NAAC reflected in the various functions of the institution?

The core values of NAAC are: contribute to national development, foster global competencies, inculcate value system, promote use of technology, and quest for excellence.

To contribute to national development we

- offer value added and career- oriented courses to make our students employable or economically self-reliant
- have inclusive practices for socially backward, economically weak and differently-abled students
- follow gender parity

To foster global competencies we

- offer ICT based courses to make them competent in the changed scenario.
- consider overall climate conducive to learning in developing new programs.
- introduce modern subjects

To inculcate value system we

- promote social responsibility
- conduct community oriented programmes
- support and strengthen neighbourhood communities
- have support services and extension activities

To promote the use of technology

- we have ICT learning

To keep excellence we ensure internal quality through

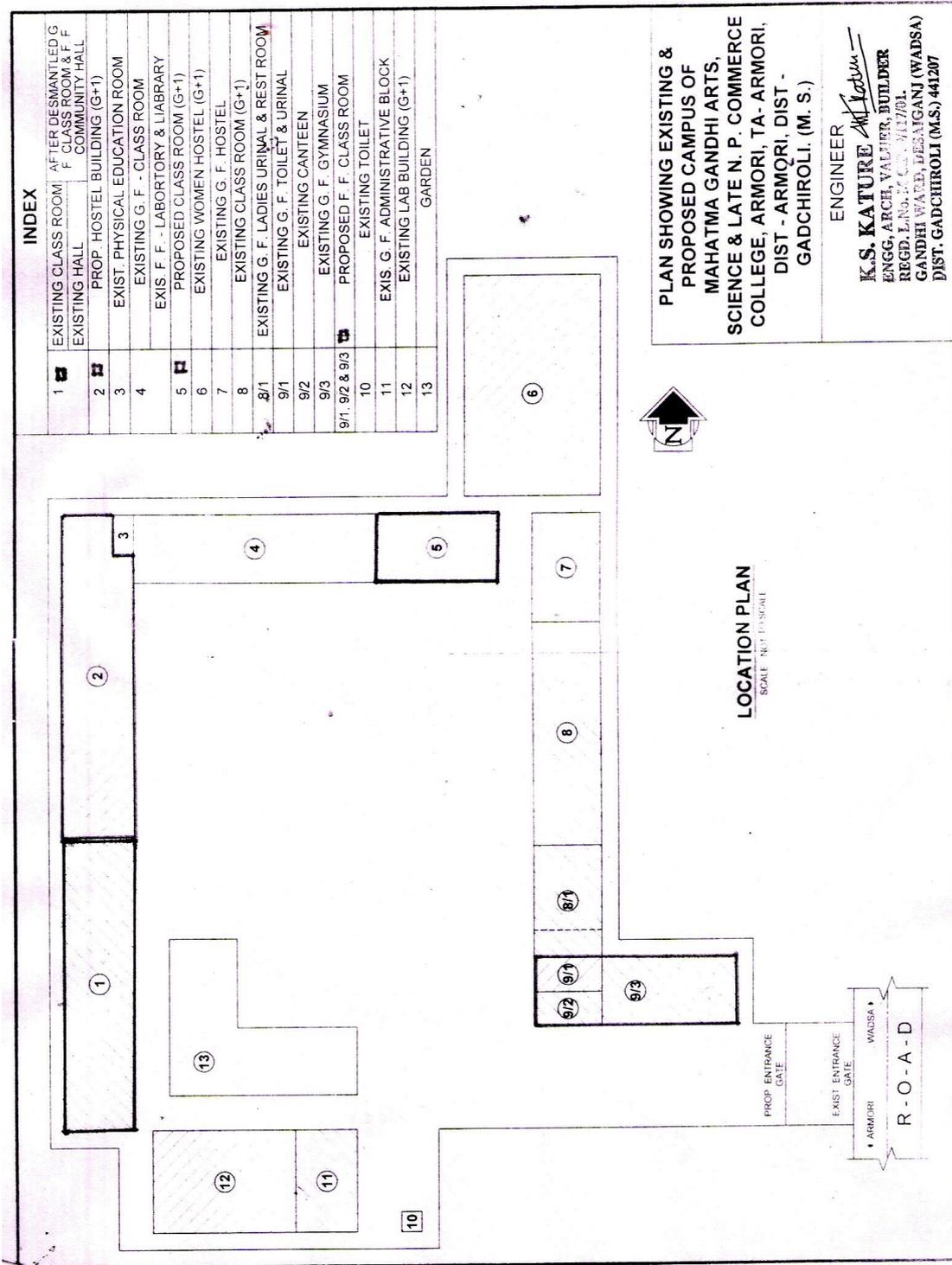
- staff council

- research committee
- result improvement committee
- feedback committee
- library advisory committee

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# Annexure – 1

## Master Plan



**Annxure – 2 (5.1.6) Comparative analysis of the institutional academic performance with reference to other colleges.**

Year Mar/Apr.	Class	M. G. College, Armroi				Adarsh College, Wadsa				Govt. Science College, Gadchiroli				R.T.M. Nagpur University, Nagpur			
		No. of Admitted Students	No. of Appeared Students	No. of Passed Students	Pass %	No. of Admitted Students	No. of Appeared Students	No. of Passed Students	Pass %	No. of Admitted Students	No. of Appeared Students	No. of Passed Students	Pass %	No. of Admitted Students	No. of Appeared Students	No. of Passed Students	Pass %
2004-05	B.A.	234	220	73	33.18%	194	184	42	22.83%	-	-	-	-	23961	22463	8933	39.76%
	B.Com.	08	08	06	75.00%	22	22	16	72.72%	-	-	-	-	4984	4827	3311	68.59%
	B.Sc.	49	47	29	61.70%	-	-	-	-	44	41	24	58.53%	5268	4988	2479	53.21%
2005-06	B.A.	163	161	23	14.00%	174	158	44	27.85%	-	-	-	-	11184	9511	3335	35.06%
	B.Com.	05	05	01	20.00%	19	17	13	76.47%	-	-	-	-	1338	1136	505	44.45%
	B.Sc.	65	63	34	54.00%	-	-	-	-	49	47	07	14.89%	2507	2117	717	33.86%
2006-07	B.A.	330	313	125	39.94%	181	173	52	30.05%	-	-	-	-	26701	24880	9276	37.28%
	B.Com.	12	12	02	16.67%	18	18	14	77.77%	-	-	-	-	7245	7029	4124	58.67%
	B.Sc.	75	73	49	67.12%	-	-	-	-	48	45	14	31.11%	6821	6464	2174	38.54%
2007-08	B.A.	297	284	123	43.30%	205	199	78	39.19%	-	-	-	-	24558	23254	7894	33.94%
	B.Com.	09	09	03	33.33%	25	25	15	60.00%	-	-	-	-	7696	7484	4478	69.83%
	B.Sc.	98	93	86	92.47%	-	-	-	-	50	48	23	47.92%	6768	6418	3304	51.48%
2008-09	B.A.	210	203	76	37.00%	-	-	-	-	-	-	-	-				
	B.Com.	09	09	01	11.00%	-	-	-	-	-	-	-	-				
	B.Sc.	112	110	51	46.00%	-	-	-	-	-	-	-	-				

Name Of Student	Year	Medals	University Ranking	Distinction (% Marks)
Tamgale Pradeep Gopal	2008-09	Gold & Bronze	1	

### **Annexure-3 (5.3.4)**

As per section 40 (2) b of Maharashtra Universities Act no. XXXV of 1994 and as per RTM Nagpur University Nagpur Direction no. 5 of 1996 The Students' Council is constituted. The structure of the council in the college is as follows:-

- 1) The Principal
- 2) One senior teacher nominated by the Principal
- 3) Teacher-in-charge of National Cadets Corps if any
- 4) NSS Programme Officer
- 5) One student from each class, who has shown merit in the preceding examination and who is engaged in full-time studies, to be nominated by the Principal.
- 6) Director of Sports & Physical Education
- 7) One student from the each of the following activities:
  - a) Sports
  - b) NSS & Adult Education
  - c) Cultural activities
- 8) Two girl students

The Students' Council is constituted before the 10<sup>th</sup> of August every year. The secretary of the Students' Council is elected from amongst student members in the first meeting, who represent the college in the University Students' Council.

Activities of the Students' Council shall be:-

- 1) Supervise and co-ordinate various co-curricular activities of the students viz dance, music, debate, drama etc.
- 2) Recommend to the Principal the allocation to be made for all the activities undertaken during the said year within financial estimates approved by the Local Management Committee
- 3) Allocate the fund for different co-curricular activities
- 4) Submit an annual report about the activities conducted during the year
- 5) Make recommendations to the Principal affecting the corporate life and welfare of students
- 6) Make recommendations to the Principal regarding facilities like library, laboratory, students' common room, auditorium etc.

#### **Annexure- 4 (6.3.3)**

A summary of the meetings held and the decision taken regarding academic management, finance, infrastructure, faculty, research, extension and linkages and examinations held.

**A) Academic** (Co-Curricular, Science Association, Time-Table, Result Improvement Committee, Library Advisory Committee)

**i) Co-curricular:** The committee for co-curricular activities has three members on the board with Dr Wankhade A.H in 2007-08 and Mr Bawane M.R in 2008-09 as the coordinator. The other members are-

- 1) Mr Bawane M.R
- 2) Mr Gedam S.B
- 3) Dr Kukreja S.B (2008-09)

The Committee met eight times in the academic years 2007- 2009 beginning from 10-08-2007. The major decisions taken in its meetings are-

- organize UGC assisted national seminars in English and Marathi, and workshops on Biodiversity and Maha Gene Bank
- hold lectures based on course work inviting resource persons from other colleges
- ask teachers to conduct field work/study tours/survey/home assignments and project work
- review co-curricular activities held in the college

**ii) Science Association** has all science teachers, lab assistants and lab attendants as members with Mr. Juare G.P as the coordinator. The association met six times in two academic years 2007-09. The major decisions taken are-

- invite resource persons from outside to hold lectures
- arrange guest lectures on 'NMR Spectroscopy and Hetrocyclic compounds and DNA Structure' on 16-12-07
- arrange students' seminar on 'Colligative Properties', 'Photo-electric Effect', and 'Quantum Number' on 22, 23-12-08, on 'Carbohydrates' on 17,18,24 and 25 October 2008, on 'Operating System and Data Structure' on 8-02-09, on 'Career Opportunity in Geology' on 11-02-09, on 'Food Adulteration' on 2-03-09
- arrange field trips to Vairagad gold mine (Dept of Geology) on 28-02-09

**iii) Time-table:** Setting of time-table was assigned to Mr Thombre R.M one-man committee in the year 2007-08. The committee met three times in the year. In the year 2008-09, it was a three member committee with Mr Juare G.P as its coordinator. The other members of the committee are-

- 1) Mr Khond S.D.
- 2) Dr Wankhade A.H.

The committee met three times in the year 2008-09

The major decisions taken are-

- Plan work distribution
- Fixing practical schedules with renovated laboratories
- Reviewing the time-table to accommodate new subjects/work load

**iv) Result Improvement Committee** has three members with Mr Khond S. D as the coordinator in 2007-08 and Dr Thombre R. M in the year 2008-09. The other members of the committee are –

- 1) Dr Khalsa L.H
- 2) Mr Giripunje D.L (2007-08)
- 3) Dr Wankhede A. H

The committee met four times in the years 2007-09.

The major decisions taken are-

- Analyse previous year's result
- Devise measures to improve the result
- Ask faculty to hold unit/periodical tests, give home-assignments
- Formulate strategy to ensure students' regular attendance in classes
- Acquaint students of the university examination pattern

**v) Library Advisory Committee** consists of the Librarian Mr. S.L Rehpade and five teachers with Dr K.J Francis as the Coordinator. The other teacher members are-

- 1) Mr. M.R Bawane
- 2) Dr A.H Wankhede
- 3) Mr. S.B Gedam
- 4) Mr. R.V Ghonmode

The committee met six times in the year 2007-2008 and 2008-2009 to plan for the year and to review the working of the library. The decisions taken in these meetings are-

- make budgetary allocations on books to be bought –the course books and books for general reading
- revamp the system of the library
- rearrange library for the optimal utilization of the space available
- make more room in the reading section
- propose to the Principal for two steel cabinets for costly books
- subscribe Employment News, India Today and Indian Express.
- buy books for PG classes

**vi) The Local Management Committee** (consisting of 6 representatives of trustee, teaching staff and one non-teaching staff elected members from amongst themselves with the President of board of trustee as Chairman and the Principal as the ex-officio member secretary)

The committee met seven times in the academic years 2007-09 beginning from 18-04-07 to deliberate on academic matters. The major decisions taken in the meetings are to-

- Authorize the newly appointed principal to do the bank transactions
- Decide the admission policy for the year 2007-08 and 2008-09
- Give ascent to organize national/state level seminars/conferences
- Sanction lien to Dr Singh and Dr Wankhede
- Discuss the university results and the corrective measures to improve the result
- Review the admission position
- Grant study leave (lien) to Mr Dorlikar and Mr Chavhan (FIP)
- Refuse to extend the application of Dr Singh for the extending lien
- Modify Physics and Computer labs and set up Micro-biology lab
- Felicitate principal Dr V.S Edlabadkar on his inclusion in the NCERT board and Dr L.H Khalsa on his presenting a paper at an international conference in Bulgaria
- Fill up the vacancy if Dr Dadve does not join after the expiry of his lien
- Accept the resignation of Dr Singh on the expiry of his lien

**B) Finance** (Purchase, LMC: Minutes related to finance)

**i) Purchase committee:**

Three meetings were held in the year 2007-08 as follows:-

The committee met on 18 Feb., 2007 with the following members

- 1) Mr. Tamgale G.S. (Officiating Principal)
- 2) Mr. Khalsa L.H.
- 3) Mr. Kalbandhe C.V.

- First meeting of the committee for 2007-08 is held on dated Feb.18,2007

Major out come of the meeting is as follows

- 1) Budgetary provision made for purchasing various items as per the requirement and forwarded to LMC and governing council for administrative approval.

- 2) Calling for quotations other necessary for various purchase items

- Second meeting of the committee for 2007-08 is held on dated July 5 ,2007

With the following members

Dr Edlabadkar V.S. (Principal), Mr. L H Khalsa, Shri C V Kalbandhe.

**Major outcomes of the meeting are as follows**

- 1) Analysis of quotations on comparative statement.
- 2) Issuing supply orders.

- Third meeting of the committee for 2007-08 is held on dated 28 December 2007

**Major outcomes of the meeting are as follows**

- 1) Analysis of purchasing as per supply order.
- 2) Sanction the bills
- 3) Purchasing urgent requirement

The committee met 3 times in the year 2008-09 with following members:

Dr V.S. Edlabadkar (Principal), Dr L H Khalsa, Shri C V Kalbandhe.

- First meeting of the committee for 2008-09 is held on dated Feb.22,2008

Major out come of the meeting is as follows

- 1) Budgetary provision made for purchasing various items as per the requirement and forwarded to LMC and governing council for administrative approval

2) Calling for quotations from shortlisted agencies.

- Second meeting of the committee for 2008-09 is held on dated July. 12, 2008

**Major out come of the meeting is as follows**

1) Analysis of quotations on comparative statement.

2) Issuing supply orders.

- Third meeting of the committee for 2008-09 is held on dated December 16, 2008

**Major out come of the meeting is as follows**

1) Sanction the bills

2) Analysis of purchasing as per supply order.

3) Purchasing urgent requirement

- First meeting of the committee for 2009-10 is held on dated Feb 18,2009

Major out comes of the meeting are as follows

1) Budgetary provision made for purchasing various items as per the requirement and forwarded to LMC and governing council for administrative approval.

2) Calling for quotations other necessary for various purchase items

**ii) Local Management Committee:**

Relevant extract of LMC meeting regarding finance :

- On 18 April, 2007 LMC took decision:

authorized the newly appointed Principal for the Bank transactions.

- On 17 April, 2008 LMC approved Financial Budget for the year 2008-09

**C) Infrastructure:**

The committee met four times in the years 2007-08 and 2008-09. The members of the committee are

1) Dr. Khalsa L.H. (coordinator in2007-08)

2) Mr Khond S.D. (coordinator in2008-09)

3) Mr Rehpade S.L.

The decisions taken in the meetings are:

- Construct new class rooms
- Construct a hostel for girls
- Buy new chairs for the staff room
- Place order for new benches and desks

- Repair old ones
- Repaint black boards
- Buy new green boards for new class rooms
- Repair electrical fittings
- Make arrangement for clean drinking water
- Make arrangement for girls' common room
- Appoint a man for the regular cleaning of the campus including class rooms and toilet rooms
- Review the meetings/decisions held the year before.

**D) Research:**

The committee has four members on the board with Dr Wankhede A.H. as coordinator. The other members of the committee are

- 1) Dr Kukreja S.G.
- 2) Dr Rewatkr S.B.
- 3) Dr Khalsa L.H.

The committee met four times between 10-02-2007 and 13-02-2009. The major decisions taken in its sittings are-

- Request teachers to send proposals for research projects to the UGC
- Guide the staff to do Ph. D
- Suggest to the staff to present papers at national and international conferences
- Request the departments to organize seminars/conferences/workshops
- Get feedback on its recommendations

**E) Extension & Linkages (Adult Education & Population Club NSS):**

**i) Adult Education & Population Club** has five members on the board with Ms Nagdeve S.T (2007-08) and Mr Meshram B.H (2008-09) as the coordinator. The members are-

- 1) Mr Chavhan R.N.
- 2) Mr Gedam S.B.
- 3) Mr Dorlikar C.P.

The members met nine times in the academic years 2007-08 and 2008-09 between 30.08.2007 and 13.01.2009. The major decisions taken are-

- boost the adult education programme
- involve students in the adult education programme

- celebrate Literacy Day on 8-09-2007 and Savitiribai Fule Jayanti, the patron of women's emancipation, on 3-01-2008
  - organize essay competitions, public rallies, exhibition and talk to educate people on the threat of AIDS, use of drugs and tobacco
  - instruct people of harvesting rainwater, protecting water resources/bodies and securing them from chemical and fecal contamination
  - teach them the healthy practices of personal and public hygiene.
- ii) National Service Scheme comprises five members with Dr Rewatkar S.B as the coordinator 2007-08 and Mr Gedam S.B in 2008-09. The other members of the committee are-
- 1) Mr Hajare K.D
  - 2) Mrs Bannore A.S.
  - 3) Mr Nimje R.M (clerk)
  - 4) Mr Kuthe Kishor (peon)

The committee sat four times in two years (2007-09) between 09-08-07 to 02-12-2008. The major decisions taken in its sittings are-

- Plan the annual programme
- Hold NSS camps in villages
- Conduct cleanliness drive
- Prepare NSS volunteers for the Republic Day parade
- Organize blood donation camps
- Hold AIDS awareness programmes

**F) Examination Committee:**

The Examination Committee consists of five members with Mr Ghonmode R.V. as the coordinator. The other members of the committee are-

- 1) Mr Hajare K.D
- 2) Mr Kamble U.T
- 3) Mr Ghonmode D. M
- 4) Ms Nagdeve S. T

The committee met four times in the academic years 2007-08 and 2008-09 between 01-10-2007 to 10-01-2009.

The major decisions taken in the meetings are-

**Annexure – 5 (a) (6.5.4)**  
**BUDGET FOR THE YEAR 2008-2009**

INCOME	Rs.	EXPENDITURE	Rs.	Rs.
SALARY Grant	1,50,70,665	SALARY PAYMENT		
NON-SALARY		TEACHING STAFF & NON -		
Tution Fee (800 X 700)	5,60,000	Basic Pay	59,46,300	
Fees		D.A.	29,73,150	
1. Other Fee (70 X 1200)	84,000	D.P.	36,57,000	
2. Library Fee (100 X 1200)	90,000	HRA	4,45,728	
3. Medical Fee (10 X 1200)	12,000	Transports Allow	1,68,000	
4. Indenty Card (10 X 1200)	12,000	Tribal Allow..	2,20,000	
5. Prospectus & Admission Forms (25 X 1200)	30,000			1,34,10,178
6. Lab. Fee –		Equipments		1,41,000
(A) Arts Deptt (300 X 350)	1,05,000	Furniture		91,000
(B) Science Deptt (500 X 250)	1,25,000	Games & Sports		1,20,000
7. Games & Sports Fee (120 X 1200)	1,20,000	Library Books		90,000
8. Magzine Fee (50 X 1000)	25,000	News Papers & Periodical		20,000
9. College Test Exam. (30 X 1200)	36,000	Science Material		2,00,000
10. Cycle stand (20 X 1200)	24,000	Lab. Exp.		80,000
		Garden		25,000
		Stationery		60,000
		Telephone		18,000
		Postages & Telegrams		20,000
		Printing		66,000
		College Test Exam.		19,500
		Advertisement		15,000
		Electricity		28,260
		Audit		10,000
		Other Petty Conti.		12,000
		Washing Allo. & Uniforms		7,000
		Misc. Exp.		20,000
		Conti & Affi.		25,000
		Traveling Exp.		54,000
		Cycle Stand		24,000
		Insurance		20,000
		Extra Curr. Acitivities		12,000
		Fun. Festival		15,000
		Bank D.D. & Postage Charge		19,000
Total	1,46,33,178	Total		1,46,33,178

**Annexure – 5 (b) (6.5.4)**  
**BUDGET FOR THE YEAR 2009-2010**

INCOME	Rs.	EXPENDITURE	Rs.	Rs.
SALARY Grant	1,50,70,665	SALARY PAYMENT		
NON-SALARY		TEACHING STAFF & NON -		
Tution Fee (800 X 923)	7,38,400	Basic Pay	62,09,000	
Fees		D.P.	37,87,490	
11. Other Fee (70 X 1200)	84,000	D.A.	31,04,500	
12. Library Fee (100 X 1200)	1,20,000	HRA	4,65,675	
13. Medical Fee (10 X 1200)	12,000	Transports Allow	2,10,000	
14. Indenty Card (10 X 1200)	12,000	Tribal Allow..	8,64,000	
15. Prospectus & Admission Forms (25 X 1200)	30,000	Contri. & Others Arre.	4,30,000	1,50,70,665
16. Lab. Fee –		Equipments		2,10,000
(A) Arts Deptt (300 X 350)	1,05,000	Furniture		1,72,000
(B) Science Deptt (500 X 250)	1,25,000	Games & Sports		1,49,000
17. Games & Sports Fee (120 X 1200)	1,44,000	Library Books		98,000
18. Magzine Fee (50 X 1000)	50,000	News Papers & Periodical		21,000
19. College Test Exam. (30 X 1200)	36,000	Science Material		2,60,000
20. Cycle stand (20 X 1200)	24,000	Printing (Prospectus)		30,000
21. Extra Curri. Acti. (40 X 944)	37,760	Lab. Exp.		85,000
22. Caution Money (30 X 320)	9,600	Garden		27,000
		Stationery		61,000
		Telephone		19,000
		Postages & Telegrams		14,000
		Printing		67,000
		College Test Exam.		19,500
		Advertisement		17,000
		Electricity		45,260
		Audit		12,000
		Other Petty Conti.		4,000
		Washing Allo. & Uniforms		7,000
		Misc. Exp.		18,000
		Conti & Affi.		35,000
		Traveling Exp.		44,000
		Cycle Stand		24,000
		Insurance		20,000
		Extra Curr. Acitivities		13,000
		Fun. Festival		17,000
		Bank D.D. & Postage Charge		21,000
		Repairs (Furniture, Zerox & Others)		18,000
Total	1,65,98,425	Total		1,65,98,425

Annexure- 6 a (6.5.5)

The audit report

DESHMUKH SHENDE & CO., CHARTERED ACCOUNTANTS, 24, ARHANG APARTMENTS, CENTRAL EXCISE COLONY, RING RD., MAHATMA GANDHI ARTS & SCIENCE & IATE N.P. PANJAWANI COMMERCE COLLEGE, ARWARI DIST: GADCHIROLI NAGPUR - 440 015. PHONE NO. 2283404		Financial Statement for the year ending 31st March 2008	
RECEIPTS	AMOUNT RS	PAYMENTS	AMOUNT RS
<b>To,</b>			
Recurring/Direct Receipts		Recurring/Direct Expenditure	
Grant-in-aid		Salaries paid to Teaching staff	
Salary Grant	15,682,136.00	Basic pay	5,280,185.00
Fees collected from Students		D.P.	2,729,749.50
Tuition fees	73,680.00	H.R.A.	3,640,556.00
Library fees	7,280.00	H.R.A.	481,059.00
Other fees		Tribal Allowance	613,366.00
Games & Sports fees	27,180.00	Extra Period Remuneration	99,150.00
Extra Curricular Activities Fee	2,800.00	T.A.	146,386.00
Certificate fees	6,130.00	I.T.C.	52,052.00
College Magazines fees	2,760.00	Medical Re-imbursment	71,265.00
Cycle Stand Fees	27,175.00		
Physical efficiency fees	10,870.00	Salaries paid to Non-teaching staff	
I-Card fees	10,880.00	Basic pay	785,637.00
Services Charges	8,675.00	D.P.	392,835.00
Other fees	16,278.00	H.R.A.	490,949.75
Students Insurance	8,596.00	H.R.A.	58,940.00
College Medical Aid Fund	3,368.00	Transport Allowance	12,150.00
Test exam fine	20,085.00	I.T.C.	61,350.00
National Apsara Nidhi	10,840.00	Tribal Allowance	174,756.00
College Students Aid fund	2,172.00	Increment of F.I.	113,813.00
Laboratory fees	40,055.00	Cash Allowance	825.00
Re-imbursment of fees (F.B.C.)	260,161.00	College Library Exp.	11,919.00
Library fees	860.00	Newspapers & Periodicals	93,177.00
Games & Sports fees	1,720.00	Library Books	
Admission fees	1,290.00	Contingencies	43,670.00
Laboratory fees	7,625.00	Stationery	37,503.00
		Printing	2,667.00
Other Incomes		Postage	3,932.00
Sale of Admission Forms & Prospectus		Audit fees	3,932.00
		Bank Commission	46,451.00
		Electricity, Gas and Lighting	62,020.00
		Test exam Exp.	12,005.00
		Miscellaneous	24,846.00
		Petty Contingencies	6,655.00
		Repairs	15,834.00
		Travelling	32,087.00
		Telephone	11,072.00
		Uni Affiliation & Continuation fees	15,500.00
		Advertisement	28,157.00
		Washing Allowances	990.00
		Garden Exp	16,730.00
		Prospectus fees	27,300.00
			387,418.00
TOTAL C/F	16,052,472.00	TOTAL C/F	16,052,472.00



DESHMIKH SHENDE & CO.,  
 CHARTERED ACCOUNTANTS,  
 24, ARHANG APARTMENTS,  
 CENTRAL EXCISE COLONY, RING RD.,  
 NARIPUR - 440 015.  
 PHONE NO. 2253404

TOTAL B/F: 16,052,472.00

Fees collected on behalf of University

Uni. Exam fees	126,626.00
Uni. Convocation fees	17,610.00
Uni. Games fees	9,400.00
Uni. Enrollment fees	4,400.00
Uni. Annual fees	31,100.00
Uni. Students Aid Fund	27,175.00
Uni. Medical Aid Fund	1,620.00
Uni. Std. Welfare Fund	1,222.00
Uni. Practical fees	12,830.00
Uni. Student Union fees	2,174.00
Uni. Late fee	36,700.00
Uni. Reaffirmation Fees	7,400.00
Uni. Disaster Management fees	10,210.00
Uni. Ashwanagh Fees	21,740.00
Uni. F-MSI Fees	38,305.00
Uni. Environment Study fees	37,700.00
	346,706.00

Extra Curricular Activities

Games & Sports Expenses	24,484.00
Functions & Festivals	2,922.00
Extra Curricular Activities	35,355.00
	40,961.00
	376,350.00
Uni. Exam Fees	2,210.00
Uni. Union Fees	27,625.00
Uni. Games Fees	41,100.00
Uni. Enrollment Fees	110,500.00
Uni. Annual Fees	1,102.00
Uni. Medical Aid Fund	1,105.00
Uni. Students Welfare Fund	1,420.00
Uni. Ashwanagh fees	4,420.00
Uni. Medical Exam Fees	7,400.00
Uni. Reaffirmation fees	7,400.00
Uni. Students Aid fund	2,210.00
Physical Ed. Test Fees	2,978.00
Uni. Disaster Management fees	11,050.00
Uni. F-MSI	61,400.00
Uni. Environment Study fees	7,180.00
	669,703.00

TOTAL B/F: 16,697,538.25

TOTAL RECURRING RECEIPTS

NON RECURRING RECEIPTS

Staff Contributions

G.P.F.	1,015,370.00
P.T.	110,530.00
L.I.C.	982,809.00
G.S.L.I.	44,311.65
Income Tax	1,482,685.00
Staff Benefit Fund	2,081,755.00
NITA teaching fund	3,090.00
Non-teaching union contribution	4,800.00
Revenue Stamp	332.00
R.D.	122,400.00
Urban Bank Loan	14,040.00
Chou. (Reddhitro) Gramin Bank	30,520.00
G.P.F. Advance	
Sale of University Exam forms	
Interest on Bank A/c	
Reserve fund	
Uni. Centre Exam Exp. advance	

TOTAL RECURRING EXPENDITURE

NON RECURRING EXPENDITURE

Purchase of

Laboratory Chemical & Apparatus	293,505.00
Furniture	56,300.00
Equipments	123,072.00
Books Material	64,448.00
	537,325.00
Exam Fees Paid To P. T. W. Students	865.00
Insurance Students	7,375.00
Cycle Stand Exp.	17,500.00
Staff Contributions	
G.P.F.	1,089,170.00
P.T.	111,030.00
L.I.C.	1,060,462.00
G.S.L.I.	1,482,685.75
Income Tax	1,482,685.00
Staff Benefit Fund	2,253,531.00
NITA teaching fund	3,540.00
Non-teaching union contribution	4,560.00
Revenue Stamp	296.00
R.D.	122,400.00
Chou. (Reddhitro) Gramin Bank	30,520.00
Urban Bank Loan	19,940.00
	6,233,083.75

TOTAL RECURRING EXPENDITURE

17,408,222.25



TOTAL C/F

6,911,208.65

TOTAL C/F

6,796,048.75

Annexure- 6 b (6.5.5)

The audit report

***** : DESHMUKH SHENDE & CO., : CHARTERED ACCOUNTANTS, : 24, ABHANG APARTMENTS, : CENTRAL EXCISE COLONY, RING RD., : NAGPUR - 440 015. : PHONE NO. 2283404 *****		***** : DESHMUKH SHENDE & CO., : CHARTERED ACCOUNTANTS, : 24, ABHANG APARTMENTS, : CENTRAL EXCISE COLONY, RING RD., : NAGPUR - 440 015. : PHONE NO. 2283404 *****	
TOTAL B/F :	6,511,208.65	TOTAL B/F :	6,796,048.
Caution Money	12,240.00	R.P.F. Advance	522,000.
Saje of Raddi	600.00	Uni. Exam Forms purchase	13,000.
Advance Recovered from staff		G.S.I.I. Claim	44,985.
		Uni. Exam Centre Exp.	65,000.
		Software Advance	30,000.
P.F.T.	11,050.00	Advance paid to	
Amount transferred from		Work Shop Advance(R.M.Ninaje)	9,000.00
Manoharhal Shikshan Prasarak		P.F.T.	11,050.00
Mandal, Amori	371,105.00	Amount transferred to	
G.O.I. Scholarship A/c	605,015.00	Manoharhal Shikshan Prasarak	
G.S.I.I. Final Claim	976,120.00	Mandal, Amori	263,600.
	44,985.00		
TOTAL NON RECURRING RECEIPTS :	7,556,203.65	TOTAL OF NON RECURRING EXPENDITURE :	7,754,683.
TOTAL RECURRING RECEIPTS	14,398,678.00	TOTAL OF RECURRING EXPENDITURE	17,408,222.
TOTAL NON RECURRING RECEIPTS	7,556,203.65	TOTAL OF NON RECURRING EXPENDITURE	7,754,683.
TOTAL RECEIPTS	23,954,881.65	TOTAL EXPENDITURE	25,162,906.
Closing Cr. Balance	29,774.54		
With Bank of India A/c 3005			
Opening Balance		Closing Balance	
Cash in hand	128.00	Cash in hand	96.00
With the Bank		With the Bank	
With Bank of India A/c 7050	117.90	With Bank of India A/c 7050	117.90
With Bank of India A/c 5	157.27	With Bank of India A/c 5	157.27
With Bank of India A/c 4830	770,186.83	With Bank of India A/c 4830	54,830.98
With Bank of India A/c No. 5238	242,213.33	With Bank of India A/c No. 5238	34,826.33
With Bank of India A/c 3005	284,888.46	With Bank of India A/c 9370	975.95
With Bank of India A/c 9370	975.95	With Bank of India A/c 134	37,730.30
With Bank of India A/c 134	42,243.50	With Bank of Mh. A/c 10040R	33,923.50
	1,340,908.24		162,658.
TOTAL RS :	25,128,364.43	TOTAL RS :	25,128,364.

Certified that the figures shown in the above Financial Statement of MAHATMA GANDHI ARTS & SCIENCE & LATE N.P. PANUNJANI COMMERCE COLLEGE, AMORI for the year ending 31st March 2008 agree with the books of accounts maintained which have been audited by us and are found to be correct.



For and on behalf of  
DESHMUKH SHENDE & CO.  
CHARTERED ACCOUNTANTS

NAGPUR :

24. ABHANG APARTMENTS,  
CENTRAL EXISE COLONY, RING RD. MAHATMA GANDHI ARTS & SCIENCE & LATE N.P. PANJAWANI COMMERCE COLLEGE, ARMORI DIST: GADCHIROLI  
NAGPUR - 440 015  
PHONE NO. 2283404

Financial Statement for the year ending 31st March 2009

RECEIPTS	AMOUNT RS	PAYMENTS	AMOUNT RS
Recurring/Direct Receipts		Recurring/Direct Expenditure	
Grant-in-aid		Salaries paid to Teaching staff	
Salary Grant	15,670,993.00	Basic pay	5,042,635.00
Fees collected from Students		D.P.	2,502,033.00
Enition fees	68,200.00	H.R.A.	3,847,193.00
Library fees	9,360.00	Tribal Allowance	390,106.00
Other fees		Extra Period Remuneration	601,016.00
Sports fees	29,000.00	T.A.	163,575.00
Extra Curricular Activities Fee	2,885.00	Vith pay Advance	208,550.00
Certificate fees	3,920.00		795,790.00
College Magazines fees	5,120.00	Salaries paid to Non-teaching staff	
Cycle Stand Fees	23,200.00	Basic pay	847,013.00
Physical efficiency fees	23,180.00	D.P.	423,527.00
I-Card fees	11,600.00	H.R.A.	633,775.00
Services Charges	29,375.00	Transport Allowance	63,504.00
Other fees	30,978.00	Tribal Allowance	13,314.00
Students Insurance	9,280.00	Arrears	189,212.00
College Medical Aid Fund	9,280.00		28,480.00
Test exam fees	46,440.00	Cash allowance	900.00
National Apada Nidhi	12,100.00	Vith pay Advance	157,300.00
College Students Aid fund	34,740.00		2,357,025.00
Due	10,505.00	College Library Exp.	14,912.00
M.W.D.I.fund	108.00	Newspapers & Periodicals	71,759.00
Laboratory fees	34,625.00	Library Books	86,671.00

Re-imbursment of fees (E.B.C.)	AMOUNT RS	Contingencies	AMOUNT RS
Library fees	610.00	Stationery	35,949.00
Games & Sports fees	1,220.00	Printing	14,594.00
Admission fees	915.00	Postage	2,514.00
Laboratory fees	5,125.00	Audit fees	5,050.00
Other incomes		Bank Commission	12,645.00
Sale of Admission Forms & Proseec	32,360.00	Electricity, Gas and Lighting	42,473.00
Sale of University Exam forms	13,200.00	Test exam Exp.	12,250.00
Interest on Bank A/C	8,714.00	Miscellaneous	25,925.00
Inter Collegiate Tournament	6,085.00	Petty Contingencies	4,270.00
Sale of Raddi	1,580.00	Repairs	33,632.00
Uni. Centre Exam Exp. advance	115,862.00	Travelling	34,950.00
		Telephone	9,534.00
		Uni. Affiliation & Continuatinfees	7,500.00
		Advertisement	10,900.00
		Washing Allowances	1,440.00
		Conference	5,442.00
		National Aboad	11,890.00
		Garden Exp.	11,140.00
		Prospectis fees	34,639.00
		Laboratory Chemical	288,672.00

228303

CHARTERED ACCOUNTANTS,  
 24, BHANG APARTMENTS,  
 CENTRAL EXCISE COLONY, RING RD.,  
 MAGPUR - 440 015,  
 PHONE NO. 2283404

Fees collected on behalf of University		TOTAL B/F:	16,245,505.00
Uni. Exam fees	361,024.00	Extra Curricular Activities	
Uni. Convocation fees	32,800.00	Games & Sports Expenses	79,864.00
Uni. Games fees	11,400.00	Functions & Festivals	4,354.00
Uni. Enrollment fees	4,445.00	Extra Curricular Activities	13,729.00
Uni. Annual fees	10,500.00		
Uni. Students Aid Fund	2,340.00	Fees Paid to University :-	
Uni. Medical Aid Fund	1,995.00	Uni. Exam Fees	684,599.00
Uni. Std. Welfare Fund	1,150.00	Uni. Union Fees	2,378.00
Uni. Practical Fees	16,096.00	Uni. Games Fees	29,725.00
Uni. Student Union fees	2,320.00	Uni. Enrollment Fees	52,450.00
Uni. Late fee	32,930.00	Uni. Annual Fees	118,900.00
Uni. Enrollment form fees	4,860.00	Uni. Medical Aid Fund	1,189.00
Uni. Disarter Management fees	11,600.00	Uni. Students Welfare Fund	1,189.00
Uni. Ashwamegh fees	23,380.00	Uni. Ashwamedgh fees	16,646.00
Uni. E-mail fees	57,600.00	Uni. Medical Exam Fees	4,705.00
Uni. Medical Fees	5,695.00	Uni. Enrollment form fees	7,000.00
Uni. Subject change fees	100.00	Uni. Students Aid fund	2,378.00
Uni. Environment Study fees	29,500.00	Physical Effi. Test fees	790.00
		Uni. Disarter Management fees	11,890.00
		Uni. E-Seva Shulk	59,450.00
		Uni. Environment Study fees	5,960.00
			999,249.00

TOTAL RECURRING RECEIPTS	16,855,240.00	TOTAL RECURRING EXPENDITURE	17,923,560.00
NON RECURRING RECEIPTS		NON RECURRING EXPENDITURE	
Staff Contributions		Purchase of	
G.P.F.	850,300.00	Furniture	120,177.00
P.T.	117,025.00	Equipments	156,183.00
L.I.C.	1,037,918.00	Games Material	48,653.00
G.S.L.I.	44,082.00		
Income Tax	837,800.00	Other Exp.	
Staff Benefit Fund	2,494,341.00	I. Card	4,060.00
NUA teaching fund	3,260.00	Insurance Students	8,080.00
Non-teaching union contribution	4,470.00	Cycle stand exp.	19,400.00
R.D.	135,000.00	Service charges	28,981.00
Urban Bank Loan	28,300.00	Uni. Exam Forms purchase	13,200.00
Chan. Gadchiroli Gramin Bank	16,800.00	Uni. Exam Centre Exp.	123,862.00
Other receipt			197,583.00
G.P.F. Advance	417,901.00	Staff Contributions	
Caution Money	17,220.00	G.P.F.	850,300.00
G.S.L.I. Final Claim	41,564.00	P.T.	117,025.00
		L.I.C.	1,037,918.00
		G.S.L.I.	44,082.00
		Income Tax	837,800.00
		Staff Benefit Fund	2,494,338.00
		NUA teaching fund	3,260.00
		Non-teaching union contribution	4,470.00
		R.D.	135,000.00
		Urban Bank Loan	28,300.00
		Chandrapur Gad. Gramin Bank	16,800.00
			5,569,293.00

TOTAL C/F :	6,045,961.00	TOTAL C/F :	1,091,889.00
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DESHMUKH SHENDE & CO.,  
 CHARTERED ACCOUNTANTS,  
 24, ABHANG APARTMENTS,  
 CENTRAL EXCISE COLONY, RING RD.,  
 NAGPUR - 440 015,  
 PHONE NO. 2283404

TOTAL B/F :	6,045,961.00	TOTAL B/F :	6,091,889.00
Advance Recovered from staff		Other Payments	
P.E.T.	7,900.00	G.P.F. Advance	417,901.00
Work Shop Advance(R.M. Nijmaje)	9,000.00	G.S.L.I. claim	41,544.00
		Advance paid to	
		P.E.T.	7,900.00
Amount transferred from		Amount transferred to	
Manoharbai Shikshan Prasarak	59,400.00	Manoharbai Shikshan Prasarak	160,330.00
Mandal, Armori	7,000.00	Mandal, Armori	7,000.00
N.S.S.	1,362,948.00	N.S.S.	167,330.00
G.O.I. Scholarship A/c			
TOTAL NON RECURRING RECEIPTS :	7,492,209.00	TOTAL OF NON RECURRING EXPENDITURE :	6,726,564.00

TOTAL RECURRING RECEIPTS	16,855,240.00	TOTAL OF RECURRING EXPENDITURE	17,923,560.00
TOTAL NON RECURRING RECEIPTS	7,492,209.00	TOTAL OF NON RECURRING EXPENDITURE	6,726,564.00
TOTAL RECEIPTS	24,347,449.00	TOTAL EXPENDITURE	24,650,124.00

Closing Cr. Balance		Opening Cr. Balance	
With Bank of India A/c 3005	447,906.54	With Bank of India A/c 3005	29,774.54
Opening Balance		Closing Balance	
Cash in hand	96.00	Cash in hand	405.00
With the Bank		With the Bank	
With Bank of India A/c 7050	117.90	With Bank of India A/c 7050	117.90
With Bank of India A/c 5	157.27	With Bank of India A/c 5	157.27
With Bank of India A/c 4830	54,826.98	With Bank of India A/c 4830	54,459.58
With Bank of India A/c 895238	34,826.33	With Bank of India A/c N.5238	125,975.28
With Bank of India A/c 9570	34,975.95	With Bank of India A/c 9370	975.25
With Bank of India A/c 134	37,720.50	With Bank of India A/c 134	18,345.50
With Bank of Mah. A/c 100408	33,923.50	With Bank of Mah. A/c 100408	77,372.50
TOTAL RS :	24,958,013.97	TOTAL RS :	24,958,013.97

Certified that the figures shown in the above Financial Statement of MAHATMA GANDHI ARTS & SCIENCE & LATE N.P. PANJANI COMMERCE COLLEGE, ARMORI for the year ending 31st 31st March 2009 agree with the books of accounts maintained which have been audited by us and are found to be correct.

**Attested**

MAGPUR :  
 DATED : THE 25TH JULY, 2009

For and on behalf of  
 DESHMUKH SHENDE & CO.  
 CHARTERED ACCOUNTANTS

W. DESHMUKH  
 Char. Acc.

PRINCIPAL  
 M.G. Arts, Science &  
 Late N.P. Commerce College  
 Armori Dist. Gadchiroli

## Evaluative Report of the Departments

### The Department of English

#### 1 Faculty profile, adequacy, and competency of faculty:

S. N	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	M. R. Bawane	M.A, M.Phil.	Lecturer (Selection Grade)	26 yrs	Indian Writing
2	Dr. K. J. Francis	M.A., M.Phil., Ph.D.	Reader	21 yrs	Linguistics
3	N. N. Meshram	M.A., Net	Lecturer	9 yrs	Indian Poetry
4	Vilas Tayade	M.A.	Clock hour Basis	2 yrs	Linguistics

#### 2. Student Profile- entry level competencies, Socio-economic status, language, proficiency etc:

- Entry level competencies- For Compulsory English and English Literature – minimum 35% marks in the subject at HSSC/XII Exam
- Number of Students admitted in 2009-2010:-

S. No.	Course	Men	Women	Total
1	Compulsory English	422	451	873
2	English Literature	38	30	68
Total		460	481	941

- Socio-economic status and language proficiency:-  
Most of the students are from rural, backward and tribal region. About 95% students belong to socially and economically backward Community. It is significant to note that 55% of students are girls.  
They are proficient in Marathi.

#### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes:

The college is affiliated to RTM Nagpur University, Nagpur and follows the curriculum prescribed by the University for all the programs of study offered by it. The university undertakes the periodic revision of syllabi as per UGC guidelines and the last such revision was undertaken in the year –

In 2008-2009 – B.A. I Compulsory English, B.A.I English literature, B.Com I Comp. English.

In 2009-2010 – B.A. II Comp. English, B.A. II English literature, B.Com. II Comp. English.

The institution follows the university norms. So whatever changes / revision made in the courses or programmes are followed by the institution. The university does not allow flexibility in the choice of courses / programmes. All the faculty members of the college participate in subject workshops, conferences and seminars organized by the university affiliated colleges and offer their suggestions for the up gradation of the courses / programmes.

#### **4 Trends in the success and drop out rate of the student during the past two years.**

Success rate of student is about 90 - 95% and drop out rate is 5 % on account of job opportunities, or joining other courses available to students even during the courses.

Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2007-08	926	887	39	529	59%	06%
2008-09	787	727	60	282	35%	08%

#### **5 Learning sources of the departments – library, Lap-Top, Language laboratory, and other resources.**

The department uses central library wherein there are

Text books - 868

Reference Books - 72

Journals - 02 – Indian Literature, Eltai Journal.

One Lap-Top, an LCD and an Overhead Projector are used as central facility provided by the college.

#### **6 Modern Teaching Methods practiced and use of ICT in teaching- learning**

- Group discussion method

- Presentation method

Home assignment ,oral and written test unit tests and periodical tests

Use of Lap-Top, CD for teaching – learning in classes, interaction in classes, remedial teaching to the slow learners, solving difficulties, more task is given to advanced learners.

- Use language laboratory.

#### **7 Participation of teachers in academic and personal counseling of students**

- The faculty conducts “Spoken English” career oriented course.

- The teachers actively participate in academic and personal counseling of students.

- The teachers have direct contact with parents of students.
- Needy students and slow learners are given academic and financial assistance;
- Efforts are made for personality development, confidence building and skill in communication.
- Spoken English course is run by the department.
- Opportunities available to them in the form of various scholarships, fellowship, and career advancement programmes and guidance in UPSC, MSPC examinations.
- Direct a batch of 10-12 students every year to prepare People's Biodiversity register as a part of environment studies.

**8 Details of faculty development programmes and teachers who have been benefited during the past two years:**

(A) Orientation Course:-

1) N. N. Meshram – Duration 10/4/09 to 7/5/2009

(B) Faculty attended Seminars, Workshops, Conferences and presented papers:-

Sr.No.	Name of the Faculty	Seminar/ Conference/ Workshop	Date	Activity
1	M. R. Bawane	Workshop “Environmental studies through PBR” at M.G. College, Armori.	17-18 August 2007	Participant
		National Seminar on “Teaching English Language and Literature: From Classroom to Society and Industry” at C.P&. Berar College, Nagpur.	11 Feb. 2008	Participant
		National Seminar on “Teaching English Language to UG Students from Non-English Medium Classes” at M.G. College, Armori	4 March 2008	Presented Paper
		National Workshop on “Introducing PBR as Part of Environmental Studies at UG Courses”	25,26 Aug., 2008	Participant
		State Level Seminar on “Developing Communicative Competence in English for Rural students”	16 Feb. 2009	Presented Paper
		Workshop on “Spoken		

		English	19 Dec. 2009	Participant
2	Dr. K. J. Francis	Workshop “Environmental Studies Through PBR” at M.G. College, Armori	17,18 Aug 2007	Participant
		National Conference on “Integrating Technology with Language Teaching” at R.S.Mundle College, Nagpur	10,11 Jan., 2008	Presented Paper
		UGC Sponsored National Seminar on “Teaching English Language and Literature from Classroom to Society and Industry” at C.P.& Berar College, Nagpur.	11 Feb., 2008	Participant
		National Seminar on “Teaching Language to UG students from Non-English Medium Classes” at M.G. College, Armori	4 March	Presented Paper
		National Seminar on “Introducing PBR as Part of Environment studies at UG Courses” at M.G. College, Armori	25,26 Aug., 2008	Participant
		Divisional Conference on English for Rural Areas at Gournagar, Gondia	27,28 Sept., 2008	Participant
		Workshop on “Problems of Teachers of English in Rural Areas” at Mahila Mahavidyalaya Gadchiroli	11 Oct., 2008	Participant
		International Conference on Managing Mixed-ability Classes at Chennai	Aug 7-9, 2009	Presented paper
3	N. N. Meshram	National Seminar on “Teaching Language to U.G. Students of Non-English Medium Classes” at M.G. College, Armori	4 March 2008	Presented Paper
4	V. D. Tayade	National Seminar on	4 March	Participant

		“Teaching Language to U.G. Students of Non-English Medium Classes” at M.G. College, Armori	2008	
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C) Dr. K. J. Francis – Spoke on “Mysticism in the Poetry of William Wordsworth and Rabindranath Tagore” as a resource person at Adarsh College, Desaijanj on 23/10/2007.

#### **9 Seminar Organized:-**

Dept. Of English organized one day U.G.C. sponsored National Seminar on the topic “Teaching English Language to Under Graduate Students from Non-English Medium Classes” on the 4<sup>th</sup> March, 2008.

Resource Persons:-

- 1) Professor Rajgopal,  
English and Foreign Languages University  
Hyderabad
- 2) Professor Jayshree Sukumaran,  
Rtd Deputy Director, Higher Education.  
Ernakulam (Kerala)

#### **10 Participation / Contribution of teachers to the academic activities including teaching, consultancy and research :-**

- 1) M. R. Bawane –
  - a) Articles published in news papers on Madiya Tribals’ life, Culture and Arts.
  - b) Teach P.G. Classes at Brahmapuri.
- 2) Dr. K. J. Francis:-
  - a) Designed curriculum of Spoken English
  - b) Designed Distance education materials for middle and high school teachers.
  - c) Hold contact classes for middle and high school teachers at their schools in rural area.
- 3) N. N. Meshram – is a creative writer and poet in Marathi. He has edited a book of poetry ‘Vadlacha Kavita’ (Marathi). He has published his book of poetry ‘Vedaneche Abhal Jhale’ (Marathi). He is a recipient of several awards for his poems.

#### **11 Priority areas for research and details of the ongoing project, important and noteworthy publications of the faculty, during past two years**

A) “The Proceedings” of the UGC Sponsored One day National seminar –held on dated 4<sup>th</sup> March, 2008 on “Teaching English to Undergraduate students from Non-English Medium classes” was published by the department and sent to participants the University and the UGC.

M. R. Bawane, Dr. K. J. Francis and N. N. Meshram contributed to “The Proceedings”

- M. R. Bawane contributed to ‘Proceeding’ of the state level seminar published by S.P. College, Chandrapur 16/2/2009 where his paper ‘Competence of Communication of the students of Rural area’ was included

- Dr. K. J. Francis – ELTAI – e- Journal, Chennai – Journal of teaching and research in English Literature Pub. SIG of ELTAI- Jan- March 2010.Vol.1, No.3
- N. N. Meshram published his collection of poems –‘Vedaneche Abhal Jhale’ (Marathi) 2009.

A) Research Projects on going:-

- i) Dr. K. J. Francis: - UGC assisted (Rs. 40,000/-) ‘Advancement of Learning English’ for middle and high school teachers; the work is in progress.
- ii) Dr Francis is presently doing a correspondence in Vastusastra (Traditional Architecture) from Kerala Gove. Institution- Dept of Culture)
- iii) N. N. Meshram’s minor research project (70,000/-) ‘Study of Problematic Factors Affecting English Learning of Undergraduate Marathi Medium Students from Gadchiroli District’ is approved by the UGC

### **12 Placement Record of the past students and contribution of the department to aid student placements.**

The record of the placement of students is not maintained in the department. However, many students have acquired jobs and hold good position in the society. From our interaction with students / ex-students we come to know that many of our students pursue higher studies (M.A., LL.B., M.B.A., B. Ed., M. Ed).

### **13 Plan of action of the department for the next five years.**

- To develop language laboratory into a digital language lab
- To acquire modern electronic gadgets for the department to screen drama
- To have department library
- To have separate room for the English department
- To extend ‘Spoken English Certificate Course’ facility to ex-students and outsiders.
- To conduct short term ‘Grammar Classes’ for B. Ed., D. Ed., Students and teacher candidates.

## The Department of Marathi

### 1 Faculty profile, adequacy, and competency of faculty

S. N	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	S.D.Khond	M.A., MPhil.	Lecturer	26	Criticism
2	Dr. V.P.Wanjari	M.A.,M.Phil, Ph.D	Lecturer	21	Feminist Literature
3	D.M.Ghonmode	M.A.,MPhil	Lecturer	09	Ambedkarwadi Sahitya

### 2. Student Profile- entry level competencies, Socio-economic status, language, proficiency etc,

Entry level competencies- For UG & PG – Minimum 35 % marks in Marathi at the qualifying examination.

Strength of students in 2009-2010

S. No.	Course	Men	Women	Total
1	UG	614	740	1354

Most of the students are from rural, backward and tribal region. They have good proficiency in Marathi.

About 98% students belong to backward classes, and economically backward classes.

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

The college is affiliated to RTM Nagpur University, Nagpur, and follows the curriculum prescribed by the University for all the programs of study offered by it. The university undertakes periodic revision of syllabi and the last such revision was undertaken in the year 2005-06

The institution follows the university norms. So whatever changes / revision made in the courses or programmes are followed in the institution. The university does not allow flexibility in the choice of courses/programmes. The faculty members of the college participate in subject workshops and seminars organized by the university and offer their suggestions for the up gradation of courses/programs.

#### 4 Trends in the success and drop out rates of student during the past two years

Success rate of student is about 90 to 95% and drop out rate is about 3 % on account of job opportunities available to student even during the course.

Year	Subject	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2007-08	Marathi Lit.	195	192	03	118	61 %	1.53%
	Marathi	219	217	02	119	55%	0.9 %
2008-09	Marathi Lit.	179	175	04	105	60%	2.23
	Marathi	209	203	07	172	85 %	3.34 %

#### 5 Learning resources of the departments – library, computers and other resources:

The department uses central library wherein there are

Text books - 1143

Reference Books - 871

Journal - 1

#### 6 Modern Teaching Methods practiced and use of ICT in teaching- learning:

- Class Seminar
- Group discussion method
- Presentation method
- Home assignment
- Oral and written test

#### 7 Participation of teachers in academic and personal counseling of students:

- Teachers actively participate in academic and personal counseling of students.
- Teachers have direct contact with parents of students.
- Special classes are conducted on Sundays for slow learners.
- Needy students are given financial assistance.
- Opportunities are available to them in the form of various scholarships, fellowship, and career advancement programmes.

#### 8 Details of faculty development programmes and teachers who have been benefited during the past two years

A) Dilip M. Ghonmode:-

i) Orientation Course – 3/1/2004 to 30/1/2004

ii) Refresher Course – 2/3/2005 to 22/3/2005

Faculty Participated and presented papers in various State, National and International Conferences/Workshops/Seminars.

S.NO.	Faculty	Conference/Seminars/Workshops	Year	Activity
1	Ák- ,l- Mh- [kksaaM	jk-rq-e- ejkBh Ák;/kid ifj"kn fgLykWi egk- ukxiwj  fo kihB Lrjh; ,d fnolh; ppkZI= ¼ikB~;Øekoj vk/kkjhr f'k-l-tk- egk- vtZquh eksj  yksdlkfgR; o yfyrlkfgR; ;kapk vuqca/k ;k fo"k;koj jkT;Lrjh; ppkZI=] ;'koar egk- o/kkZ  jktu xol vkf.k Inkuan ns'keq[k ;kaps lkfgR; ;k fo"k;koj jkT;Lrjh; ppkZI= ,l-,Q-,l- egk- ukxiwj  National Workshop on 'Introducing People's Biodiversity Register' as a part of Environment Studies at undergraduate course' M.G. College, Armori  Hkkypaæ usekMs ;kaps lkfgR; jkT;Lrjh; ppkZI= lh-ih-,.M csjkj egk- ukxiwj  rqdkjke jkenklkaps lekt Ácks/ku jk"Vªh; ppkZI= xks- ok- egk- ukxHkhM  jk-rq-e- ejkBh Ák;/kid ifj"kn lar xkMxs egkjkt egk- fgax.kk  egkRek Qqys % O;Drh vkf.k ok³~e; jkT;Lrjh; ppkZI= egkRek xka/kh egk- vkjeksjh  ok-lh e<sZdj R;kaps lkfgR; jkT;Lrjh; ppkZI= jk-rq-e- ukxiwj fo kihB ejkBh foHkkx ukxiwj	11]12 tkus- 2008  22 tkus 2008  25 Qscq- 2008  11 ekpZ 2008  25 and 26 August 2008  19 fMlsa] 2008  29]30 fMlsa] 2008  12]13 tkus 2009  31 tkus- 2009  27]28 Qscqz-]	lgHkkx  l=kps v/;{k  lgHkkx  lgHkkx  Participant  lgHkkx  lgHkkx  lgHkkx  leUo;d

		fczVh'kkaps 'kS{kf.kd /kksj.k o R;kaps Hkkjrh; lektkoj >kysys ifj.kke jkT;Lrjh; ppkZI= egkRek xka/kh egk- vkjeksjh	2009  26 fMlsa] 2009	lgHkkx  lgHkkx
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2	Ogh- ih- oatkjh	f}fnolh; ppkZI= usotkckbZ fgrdkfj.kh egk- czEgiwjh fo"k; %& tkxfrdhj.k % ejkBh Hkk"kk vkf.k lkfgR;  f}fnolh; ppkZI= /kuoVs uW'kuy dkWyst] ukxiwj fo"k; %& ^Hkkjrh; L=hph ejkBh lkghR;krhy cnyrh :is*  80 os vf[ky Hkkjrh; ejkBh lkfgR; laesyu] ukxiwj rhu fnolh;  mn~cks/ku & jk"Vªh; lsok ;kstuk dk;ZØe vf/kdkÚ;kaps ¼ukxiwj½ Vkvk bfULVV;wV lks'ky lk;Uls;] o fefuLVªh vkWQ ;wFk vQs;j vWUM LQksVZI~] xOguZesaV bafM;kP;k orhus ¼10 fnolh; mn~cks/ku oxZ½  f}fnolh; dk;Z'kkGk egkRek xka/kh egk- vkjeksjh fo"k; %& ^yksdkaps tSofofo/krk jftLVj* i;kZoj.kh; vH;klk}kjs  f}fnolh; vf/kos'ku fgLykW i dkWyst o jk-	jk"Vªh;  jk"Vªh;  jk"Vªh;  jk"Vªh;  fo kihBLrjh;  fo kihBLrjh;	12 rs 13 tkus-2007  15&16 tkus 2007  2]3]4 Qsczw 2007  7&16 Qsczw 2007  17&18 vkWx] 2007	lgHkkx Áfrfu/kh  lgHkkx Áfrfu/kh  Áfrfu/kh  fo kihB xhr] fparu] euksxr O;Dr dsys fofo/k dk;Zdze kr lgHkkxh  lØh; lgHkkx  lØh; lgHkkx

		<p>rq-e- ukxiwj fo kihB</p> <p>f}fnolh; ppkZl= fo"k; %&amp; ^L=hokn vkf.k ejkBh lkfgR;* LukrdsŸkj ejkBh foHkkx jk-rq-e- ukx- fo kihB o ch-ih- uW'kuy bfULVV;wV vkWQ lks'ky odZ] ukxiwj</p> <p>f}fnoklh; dk;Z'kkGk egkRek xka/kh egkfo ky;] vkjeksjh fo"k; %&amp; ^yksdkaps tSofokrk jftLVj*</p> <p>f}fnolh; ppkZl= xksfoanjko okjtqdj dyk&amp;okf.kT; e-fo- ukxHkhM fo"k; %&amp; rqdkjke &amp; jkenklkaps lektÁcks/ku</p> <p>f}fnolh; okf"kZd vf/kos'ku lar xkMxs egkjkt egkfo ky;] fgax.kk ejkBh Ák;/kid ifj"kn</p> <p>,dfnolh; ppkZl= egkRek xka/kh egkfo ky;] vkjeksjh fo"k; %&amp; egkRek T;ksfrck Qqys % O;Drh vkf.k ok<sup>3</sup>~e;</p> <p>f}fnolh; ppkZl= jk-rq-e- uk-fo- ukxiwj fo"k; %&amp; ck-lh- e&lt;sZdj</p>	<p>jkT;Lrjh;</p> <p>jk"Vªh;</p> <p>jk"Vªh;</p> <p>fo kihBLrjh;</p> <p>jkT;Lrjh;</p> <p>jkT;Lrjh;</p>	<p>11]12 tkus 2008</p> <p>8]9 ,fÁy 2008</p> <p>25]26 vkWx"V 2008</p> <p>29]30 fMlsa- 2008</p> <p>12]13 tkus- 2009</p> <p>31 tkus 2009</p> <p>27]28 Qsczw-</p>	<p>dk;Zdkj.kh lnL; jk-rq- e- uk-fo- uk- Ák;/kid ifj"kn</p> <p>lw=lapkyu ^L=hokn vkf.k ejkBh dFkk] dknacjh vkf.k ukVd* ;k fo"k;kojhy ppkZl=</p> <p>lØh; lgHkkx</p> <p>lØh; lgHkkx</p> <p>dk;Zdkfj.k h lnL; lØh; lgHkkx</p> <p>lgHkkx Áfrfu/kh</p> <p>lgHkkx Áfrfu/kh</p> <p>Áfrfu/kh</p>
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		,dfnolh; ppkZl= egkRek xka/kh egkfo ky;] vkjeksjh fo"k; %& fczVh'kkaph 'kS{kf.kd furh vkf.k frps Hkkjrh; thoukoj >kysys ifj.kke	jkT;Lrjh;	26 fMlsa- 2009	vkpk;Z inohÁklr Ák;/kid Eg.kwu lRdkj
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		ukxfrdhj.k % ejkBh Hkk"kk vkf.k lkfgR; usotkckbZ fgr- czEgiqjh	jk"Vªh; ppkZl=	12]13 tkus- 2007	Áfrfu/kh lgHkkx
		80 os v[khy Hkkjrh; ejkBh lkfgR; laEesy fonHkZ lkfgR; la?k] ukxiwj	jk"Vªh; ppkZl=	2]3]4] Qsczq- 2007	lgHkkx
		nksu fnolh; dk;Z'kkGk ^yksdkaps tSofoof/krk uksanogh* egkRek xka/kh egkfo ky;] vkjeksjh	fo kihB Lrjh;	17]18 vkWx"V] 2007	lgHkkx
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## 9 Participation /contribution of teachers to the academic activities including teaching, consultancy, and research

Thrust areas of research of the faculties are:-

i) Dr. Mrs. V. P. Wanjari – Feminist literature

ii) Mr. Dilip M. Ghonmode – Dalit Literature

**10 Seminar Organized:**

One day State level Seminar On **^egkRek tksfrck Qqys % O;Drh vkf.k ok<sup>3~e</sup>;**\* was organized on 31/1/2009 with UGC Assistance.

**11 Collaboration with other Departments/institutions at the state, national and international levels, and their out come during past two years.**

Nil

**12 Priority areas for research and details of the ongoing project, important and noteworthy publications of the faculty, during past two years:**

Ongoing Research Projects:

1 UGC Sanctioned Minor Research Project **“Gadchiroli Zilatil.”** of Sixty Thousand rupees for two years ( November 2009 to October 2011).

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fjQzs'kj [2@3@05](mailto:2@3@05) rs 22@3@2005

**13 Placement Record of the past students and contribution of the department to aid student placements.**

No record of placement are maintained in the department. However, students of the department are getting employment in public and private sectors. Some have taken up teaching jobs in colleges, schools, and university.

**14 Plan of action of the department for the next five years.**

- 1) To start MA (Marathi)
- 2) To develop departmental Library

- 3) To hold seminars, conferences and invite lecturers to strengthen research activities.
- 4) To submit Minor /Major Research Projects seeking UGC assistance.

## The Department of Sociology

### 1 Faculty profile, adequacy, and competency of faculty:

S.N	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	G. S. Tamgale	M.A., M. Phil.	Lecturer	28 Yrs	Study of Tribals

### 2. Student Profile- entry level competencies, Socio-economic status, language, proficiency etc:

2.1 Entry level Competencies: - For Undergraduate course: - 35% Marks in XII<sup>th</sup> standard.

2.2 Socio-economic Status: - Most of the students are from rural and tribal area with agrarian background. About 98% students belong to economically backward class.

2.3 Language: - The mother tongue of maximum students is Marathi but some of them know Gondi and Bengali languages. Students can read and write Marathi, Hindi and English.

2.4 Proficiency: - They are proficient in Marathi.

2.5 Number of the Students admitted in year 2009-2010 :-

S. No.	Course	Men	Women	Total
1	U.G.	212	210	422

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes:

The changes were made in the syllabi of B.A.-I and B.A.-II in the past two years. The institution follows the University norms. So whatever changes / revision made in the courses or programmes are followed in the institution. The department purchases some of the reference books related to changed topics. The department prepares special notes on these topics and these notes are provided to students.

The faculty member of the college participates in subject workshops and seminars and offer suggestions for the up gradation of course/programmes.

#### **4. Trends in the success and drop out rates of students during the past two years:-**

Success rate of students is about 72 to 75% and drop out rate is about 5% on account of job opportunities available to the student even during the courses.

Following table shows trends in the success and the drop out rates of students during the past two years.

Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2007-08	426	417	09	310	74.34%	2%
2008-09	478	446	32	254	56%	6.5%

#### **5 Learning sources of the departments – library, Lap Top, computers and other resources:**

The department uses central library wherein there are

Text books - 675

Reference Books - 50

Journals - 1

#### **6 Modern Teaching Methods practiced and use of ICT in teaching- learning:**

- Class seminar
- Group discussion method
- Presentation method
- Oral and written test
- Home assignment

#### **7 Participation of teachers in academic and personal counseling of students:**

- The teacher actively participates in academic and personal counseling of students.
- The teacher has direct contact with the parents of students.
- Information is given to students about social work, research method, data collection, UPSC exam. etc.
- Guides a batch of 10 to 12 students every year to prepare People's Biodiversity Register as a part of environment studies.

#### **8 Details of faculty development programmes and teachers who have been benefited during the past two years:-**

- The teacher participates in various national and state conferences. He has participated in a two day workshop on 'Environment Studies Through People's Biodiversity Register (PBR)' held at M.G. College Armori on 17,18 Aug., 2007

- The teacher attended UGC sponsored two day National workshop on ‘Introducing People’s Biodiversity Register as a part of environment studies at undergraduate courses (PBR 2008)’ organized by M.G. College Armori on 25, 26 Aug. 2008,
- attended a national seminar on ‘Special Economic Zone and Social Aspect’ on 29 Jan, 2010 at G.W. College Nagbhir – presented paper, national seminar on ‘Globalization : Impact on Society’ on 30 Jan, 2010 at Bhiwapur College, Bhiwapur – presented paper,
- attended a national seminar on ‘Terrorism’ in 2010 at N.H. College, Bramhapuri – presented paper.

**9 Participation / Contribution of teachers to the academic activities including teaching, consultancy and research:-**

Research activities – G. S. Tamgale is engaged in Ph. D research work, and a Minor research project.

**10 Collaboration with other department / institutions at the state national and international levels, and their out come during past two years:**

---- Nil ----

**11 Priority areas for research and details of the ongoing project, important and noteworthy publications of the faculty, during past two years:**

- Ph. D Research work on “A Sociological Study of Halba / Halbi Tribes in Gadchiroli District.” is in progress.
- Minor research project “Sociological study of tribal society in (special Halbi / Halba) Gadchiroli district, Maharashtra State’ is in progress.

**12 Placement Record of the past students and contribution of the department to aid student placements:**

No record of placement is maintained in the department. However, students of departments are getting employment in public and private sectors, some have taken up teaching jobs in colleges, schools and university.

**13 Plan of action of the department for the next five years:**

- To start departmental library
- To conduct Seminar, Conferences and Workshop with UGC assistance.
- To encourage students for social work

## The Department of History

### 1 Faculty profile, adequacy, and competency of faculty

S. N	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	R. V. Ghonmode	M.A.	Lecturer	15	Maratha Histroy

### 2. Student Profile- entry level competencies, Socio-economic status, language, proficiency etc,

Entry level competencies for UG and PG – Minimum 35% marks in History at the qualifying examination.

Strength of students admitted 2009-10:

S. No.	Course	Men	Women	Total
1	UG	148	167	315
2	PG	1	04	05

Most of the students are from rural, backward and tribal region. So they are proficient in Marathi.

About 98% students belong to backward classes and economically backward classes.

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes.

The college is affiliated to RTM Nagpur University, Nagpur; and follows the curriculum prescribed by the University for all the programmes of study offered by it. The university undertakes periodic revision of syllabi and the last such revision was undertaken in the year 2008-2009 – B.A. Part I History and 2009-2010 B.A. Part II History.

The institution follows the university norms. So whatever changes / revision made in the courses or programmes are followed by the institution. The university does not allow flexibility in the choice of courses / programmes. The faculty member participates in the subject workshops, conferences and seminars organized by the university affiliated colleges and offers his suggestions for the up-gradation of the courses / programmes.

### 4 Trends in the success and drop out rate of students during the past two years:

Success rate of students is about 60% and drop out rate is 3 % on account of job opportunities, or joining other courses available to students even during the courses.

Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2007-08	265	255	10	151	60%	3%
2008-09	288	279	09	151	54%	3%

## 5 Learning sources of the departments – library, Lap-Top, Language laboratory, and other resources.

The department uses central library wherein there are

Text books - 875

Reference Books - 92

Journals - 08

## 6 Modern Teaching Methods practiced and use of ICT in teaching- learning

- Class Seminar
- Group discussion method
- Presentation method
- Home assignment
- Oral and written test
- Use of internet and CDs for course and research material

## 7 Participation of teachers in academic and personal counseling of students

- The teacher gives academic and personal counseling to students.
- Teacher has direct contact with parents of students.
- Special classes are conducted on Sundays for slow learners.
- Needy students are given financial assistance
- Opportunities are available to them in the form of various scholarships, fellowship, and career advancement programmes.
- The teacher guides a batch 10-12 students every year for preparing People's Biodiversity Register as a part of Environmental Studies.

## 8 Details of faculty development programmes and teachers who have been benefited during the past two years:-

Participated and presented research paper in national conferences.

S.NO.	Faculty	Conference	Year	Activity
1	R. V. Ghonmode	68 <sup>th</sup> National Conference, The Indian History Congress, Delhi University, Delhi	28 – 30 Dec., 2007	Participant
		69 <sup>th</sup> National conference, The Indian History Congress, Kannur University of Kannur (Kerala)	28 – 30 Dec., 2008	Participant
		Workshop on New Syllabus and Exam system by P.G.T.D. Department R.T.M. Nagpur, Nagpur University.	2 Feb., 2009	Participant
		Workshop on the role of Indira	24 Dec., 2009	Participant

		Gandhi in Indo-Pak war 1971 by Dr. Babasaheb Ambedkar College, Bramhapuri		
		70 <sup>th</sup> National Conference, The India History Congress, Hyderabad (A.P.)	12-14 March., 2010 Date Postponed	Paper Accepted for Presentation

**11 Seminar Organized:-**

Department of History organized one day UGC sponsored state level seminar on “ Educational Policy of the Britishers and its repercussions on Indian Society” on 26 December 2009.

**12 Participation / Contribution of teachers to the academic activities including teaching, consultancy and research:-**

- a. Teach PG Classes, M.G. College, Armori
- b. Submitted Ph.D. thesis on 14/2/2009 to RTM Nagpur University, Nagpur for evaluation

**11 Collaboration with other department / institutions at the state national and international levels, and their out come during past two years.**

-- Nil --

**12 Priority areas for research and details of the ongoing project, important and noteworthy publications of the faculty, during past two years:-**

- Area of research :- Maratha History
- On going project :
- One minor research project

**13 Research Publication last two year:**

-- Nil --

**14 Placement Record of the past students and contribution of the department to aid student placements.**

No record of placement is maintained in the department. However, students of the department are getting employment in public and private sectors. Others have taken up teaching job in colleges, schools and university.

**15 Plan of action of the department for the next five years.**

- To start M.Phil class
- To have department library
- To have separate room for the Department of History
- To organize conference and invite lecturers to strengthen research activities.
- To purchase CDs on historical events useful for curriculum
- To submit proposal for minor or major research projects

## The Department of Political Science

### 1 Faculty profile, adequacy, and competency of faculty:

S. N	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	B. H. Meshram	M.A., M.Phil.	Lecturer	19 years	Vidharbha statutory Development Board

### 2 Student Profile- entry level competencies, Socio-economic status, language, proficiency etc:

Entry level competencies for UG & PG minimum 35% marks in Political Science at the qualifying the examination

No. of students admitted in the year 2009-10:

S. No.	Course	Men	Women	Total
1	UG	109	49	158

Most of the students are from rural, backward and tribal region. They are proficient in Marathi.

About 90% students belong to backward classes and economically backward classes.

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes:

The college is affiliated to RTM Nagpur University, Nagpur and follows the curriculum prescribed by the University for all the programs of study offered by it. The university undertakes periodic revision of syllabi and the last such revision was undertaken in the year 2008-09.

The institution follows the university norms, so whatever changes / revision made in the courses or programmes are followed in the institution. The university does not allow flexibility in the choice of courses/programmes. The teacher is a member of the board of studies in Political Science, RTM Nagpur University. He participates in the subject workshops and seminars organized by the university and offers his suggestions for the up-gradation of course / programme in the meeting of the board of studies.

**4 Trends in the success and drop out rates of student during the past two years:**

Success rate of student is about 60 to 90% and drop out rate is about 7% on account of job opportunities available to the students even during the course.

Following table shows trend in the success and the drop out rate of the students during the past two years.

Sr. No.	Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
1	2007-08	71	66	5	41	62%	7%
2	2008-09	51	47	4	27	57%	7.8%

**5 Learning resources of the departments – library, computers laboratory and other resources:**

The department uses central library wherein there are

Text books - 717

Reference Books - 56

Journals – Nil

**6 Modern Teaching Methods practiced and use of ICT in teaching- learning:**

- Presentation method
- Home assignment
- Oral and written test
- Unit test
- Use of internet and CDs

**7 Participation of teachers in academic and personal counseling of students:**

- The teacher actively participates in academic and personal counseling of students.
- Special classes are conducted on Sundays.
- Give financial assistance to needy students.

**8 Details of faculty development programmes and teachers who have been benefited during the past two years:**

Participated in various National and State level Conferences.

S.NO.	Faculty	Conference	Year	Activity
1	B. H. Meshram	1) Regional seminar on “Buddhism and the 21 <sup>st</sup> century” convener by dy. Register RTM Nag. University	18 Feb., 2007	Participant

		2) National Seminar on “Atrocities against Dalits organized by P.G. deptt. Of Pol. Sci. RTM Nagpur University	2 March 2007	Participant
		3) National Seminar on “Special Economic Zone” at G.W. College, Nagbhir	29 Jan, 2010	Participant
		4) National Seminar on “Globalization and Political Leadership” at Bhiwapur College, Bhiwapur	30 Jan, 2010	Participant

**9 Participation /contribution of teachers to the academic activities including teaching, consultancy, and research:**

Thrust areas of research of the faculty is

B. H. Meshram – Research field  
Statutory body

**10 Collaboration with other Departments/institutions at the state, national and international levels , and their out come during past two years:**

--Nil--

**11 Priority areas for research and details of the ongoing project, important and noteworthy publications of the faculty, during past two years:**

--Nil-- I

**12 Placement Record of the past students and contribution of the department to aid student placements:**

Record of placement is not maintained in the department. However many students of department are getting employment in public and private sector.

**13 Plan of action of the department for the next five years:**

- To set up departmental library
- To subscribe journals of Political Science
- To acquire computer for Deptt.

## The Department of Economics

### 1 Faculty profile, adequacy, and competency of faculty:

S. N	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	M. K. Ramteke	M.A., M.Phil.	Lecturer	17 Yrs	Rural Eco.

### 2. Student Profile- entry level competencies, Socio-economic status, language, proficiency etc:

2.6 Entry level Competencies: - For Undergraduate courses: - 35% Marks in XII standard and for post graduate course – He/She should be a graduate in B.A., B.Sc. (Agri.) or B.Com.

2.7 Socio-economic Status: - Most of the students are from rural and tribal areas with agrarian background. About 98% students belong to economically backward classes.

2.8 Language: - The mother tongue of maximum students is Marathi. But some of them know Gondi language. Students can read and write Marathi, Hindi and English.

2.9 Proficiency: - They have good proficiency in Marathi.

2.10 Strength of the Students admitted in year 2009-10:-

S. No.	Course	Men	Women	Total
1	UG	84	63	147
2	PG	03	04	07

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes:

Changes made in the syllabi during the past two years. The institution follows the university norms. So whatever changes / revision made in the courses or programmes are followed in the institution.

Faculty of the college participates in the subject workshops and seminars organized by the university and offers his suggestions for the up-gradation of courses / programmes.

Shri. M. K. Ramteke is a member of Board of Studies of Economics, RTM Nagpur University. In this capacity he recommends changes in the syllabus and pattern of question paper in Board meetings.

#### **4 Trends in the success and drop out rate of the student during the past two years :-**

Success rate of student is about 80% to 85% and drop out rate is 15% to 20%.

Following table shows trends in the success and the drop out rate of students during the past two years:-

Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2007-08	60	59	01	53	90%	1%
2008-09	42	40	02	30	75%	2%

#### **5 Learning sources of the departments – library, Laptop, OHP and other resources:**

The department uses central library wherein there are

Text books - 538

Reference Books - 75

Journals - Nil

#### **6 Modern Teaching Methods practiced and use of ICT in teaching- learning :**

- Class Seminar
- Group discussion method
- Presentation method
- Home assignment
- Oral and written test
- More task is given to the fast learners. Their difficulties are solved by the teacher
- Difficulties of slow learners are solved

#### **7 Participation of teachers in academic and personal counseling of students:**

- The teacher actively participates in academic and personal counseling of students.
- The teacher has direct contact with the parents of students.
- Special classes are conducted on Sundays for slow learners
- Guide a batch of 10-12 students every year to prepare People's Bio-diversity Register as a part of Environment Studies.
- Economics is one of the subjects included in MPSC/UPSC examination. Many students take Economics subject in preliminary and main UPSC examination and also in MPSC main examination. The faculty guides them.

**8 Details of faculty development programmes and teachers who have been benefited during the past two years :-**

S.NO.	Faculty	Conference	Year	Activity
1	M. K. Ramteke	Two day workshop on “Environmental Studies through People’s Biodiversity Register” (RTMNU)	17,18 August 2007	Participant
		Two day UGC Sponsored National Workshop on “Introducing People’s Biodiversity Register as a part of Environmental studies at UG courses” (P.B.R.2008)	25,26 August 2008	Participant
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**13 Participation / Contribution of teachers to the academic activities including teaching, consultancy and research:-**

- Take PG Classes M.G. College, Armori
- Member of Board of Studies of RTM Nagpur University
- University work- paper setting, valuation and moderation of B.A. I,II,III

**10 Collaboration with other department / institutions at the state national and international levels, and their out come during past two years:**

-- Nil --

**11 Priority areas for research and details of the ongoing project, important and noteworthy publications of the faculty, during past two years:**

--Nil--

**12 Placement Record of the past students and contribution of the department to aid student placements:**

No record of placement is maintained in the department. However students of the department are getting employment in public and private sectors. Some have taken up teaching jobs in colleges, schools and university.

**13 Plan of action of the department for the next five years:**

- To start M. Phil programme
- To set up department library
- To have separate room for the Economics Department.
- To purchase computers

## The Department of Geography

### 1 Faculty profile, adequacy, and competency of faculty:

S. N	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	Parag S. Meshram	M.A., B.Ed., M. Phil SET	Lecturer	01	Agri. Geography
2	Prashant V. Burade	M.A., B.Ed., M. Phil Ph.D. (Submitted)	C.H.B.	05	
3	Sudhakar P. Nindekar	M.A., B.Ed.,		03	

### 2. Student Profile- entry level competencies, Socio-economic status, language, proficiency etc:

2.11 Entry level Competencies:- For Undergraduate course:- 35% Marks in XII<sup>th</sup> standard examination.

2.12 Socio-economic Status:- Most of the students are from rural and tribal areas having agrarian background. About 96% students are from economically backward classes.

2.13 Language:- The mother tongue of maximum students is Marathi. But some of them know Gondi language. Students can read and write Marathi, Hindi and English.

2.14 Language proficiency: - They have good proficiency in Marathi; they also use other languages very efficiently.

2.15 Strength of the Students admitted :-

S. No.	Year	Course	Men	Women	Total
1	2009-2010	UG	109	143	252

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes:

The college is affiliated to RTM Nagpur University, Nagpur and follows the curriculum prescribed by the university for all the programmes of study offered by it. The university undertakes periodic revision of syllabi and the last such revision was undertaken in the year 2008-2009 (B.A. I ) and in 2009-2010 (B.A. II ). The college follows the university norms. So whatever changes / revision made in the courses or programmes are followed in the institution. The university does not allow flexibility in the choice of courses / programmes. Faculty members of the college participate in subject workshops and seminars organized by the university and offer their suggestions for the up-gradation of courses / programmes.

**4 Trends in the success and drop out rates of students during the past two years:**

Success rate of students is about 59% and drop out rate is about 2.80% on account of job opportunities available to the student even during the course.

Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2007-08	295	288	07	162	56.25%	2.37%
2008-09	275	266	09	165	56.39%	3.27%

**5 Learning sources of the department – library, Laptop, laboratory and other resources:**

The department uses central library wherein there are  
Text books - 440  
Reference Books - 31  
Journals - Nil

We use OHP for teaching which is available as central facility.

**6 Modern Teaching Methods practiced and use of ICT in teaching- learning:**

- Group discussion method
- Home assignment
- Oral and written tests
- Use of internet and CDs for course and research material
- Visit field/location /forests/botanical garden/ meteorological garden periodically

**7 Participation of teachers in academic and personal counseling of students**

- Teachers actively participate in academic and personal counseling of students.
- Teachers have direct contact with the parents of students.
- Special classes are conducted on Sundays for slow learners
- Needy students are given financial assistance,
- Opportunities available in the form of various scholarships, fellowships and career advancement programmes.
- The teachers guide batches of students for preparation of PBR

**8 Details of faculty development programmes and teachers who have been benefited during the past two years:-**

S.No	Faculty	Conference/Seminar/Workshop	Year	Activity
1	P.S. Meshram	Attended workshop on changes made in the syllabi of B.A. Ist year	8 Oct, 2008	Participant
2		National Seminar on “Natural Resources & Regional Planning in Other Branches of Geography” at Bramhapuri	13 March,2010	Participant

**14 Participation / Contribution of teachers to the academic activities including teaching, consultancy and research:-**

Provide guidance for students aspiring to do PG course.

**10 Collaboration with other department / institutions at the state national and international levels, and their outcome during past two years:**

-- Nil –

**11 Priority areas for research and details of the ongoing project, important and noteworthy publications of the faculty, during past two years:**

--Nil—

**12 Placement Record of the past students and contribution of the department to aid student placement:**

No record of placement is maintained in the department. However students of department are getting employment in public and private sectors. Some have taken up teaching job in colleges and schools.

**13 Plan of action of the department for the next five years:**

- To start department library
- To renovate department laboratory & equip it with advanced instruments
- To organize seminars, conference and workshops with UGC assistance and invite lecturers from other colleges as resource persons.

## The Department of Home-Economics

### 1 Faculty profile, adequacy, and competency of faculty

S. N	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	A. S. Bannore	M.A. (H.Eco), M.Phil.	Lecturer	15 years	Child Development
2	P. K. Garode	M.A. (Heo), M.Phil.	CHB Lecturer	5 Years	

### 2 Student Profile- entry level competencies, Socio-economic status, language, proficiency etc,

Entry level competencies- For UG course – Minimum 35 % marks in Home-Economics in the qualifying exam.

Strength of students in the year 2009-2010

S. No.	Course	Men	Women	Total
1	UG	-	125	125

Most of the students are from rural, backward and tribal region so they are proficient in Marathi.

About 96% students belong to backward classes, and economically backward classes.

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

The college is affiliated to RTM Nagpur University, Nagpur, and follows the curriculum prescribed by the University for all the programmes of study offered by it. The university undertakes periodic revision of syllabi and the last such revision was undertaken in the year 2008-2009 (B.A. I<sup>st</sup> Year) and in 2009-2010 (B.A. II<sup>nd</sup> Year). The college follows the university norms. So what ever changes/revision made in the courses or programmes are followed in the institution.

The university does not allow flexibility in the choice of courses / programmes. Faculty members of the college participate in subject workshops and seminars organized by the university and offer their suggestions for the up gradation of courses/programmes.

#### **4 Trends in the success and drop out rates of student during the past two years**

Success rate of student is about 92% and drop out rate is about 2.44 % on account of job opportunities available to the student even during the course.

Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2007-08	147	142	05	132	90.67%	3.40%
2008-09	136	134	02	122	92.67%	1.47%

#### **5 Learning resources of the departments – library, computers, laboratories, and other resources.**

The department uses central library wherein there are

Text books - 160

Reference Books - 51

Journals - 1

We use LCD and Overhead Projector which is available as central facilities.

#### **6 Modern Teaching Methods practiced and use of ICT in teaching- learning**

- Group discussion
- Home assignment
- Oral & written tests

#### **7 Participation of teachers in academic and personal counseling of students**

- Teachers actively participate in academic and personal counseling of students.
- Teachers have direct contact with the parents of students
- Special classes are conducted on Sundays for slow learner
- Needy students are given financial assistance.
- Opportunities available to them in the form of various scholarships, fellowship and career advancement programmes
- Home-Economics Association activities are conducted regularly

## 8 Details of faculty development programmes and teachers who have been benefited during the past two years

Participation in various National and International Conferences.

S.NO.	Faculty	Conference	Year	Activity
1	Amita Bannore	UGC sponsored National Conference on 'Impact of J.V. Commercials on Health Related Beliefs of Children & Youth' organized by D.A.K.M., Nagpur	Mar. 2008, 10-11	Participant
		Workshop on 'Livelihood Skills' organized by Mahial Maha. Nagpur.	2008 April 11-12	Participant
		National Seminar on 'Sex-Selective Feticide Impact on Indian Society' P.M.M. Wardha.	12 Jan 2009	Participant
		4 <sup>th</sup> State level seminar on 'Increasing Fad of Fast-Food among Youngsters & its Adverse Effect on Human Body' at FES Girls' College Chandrapur	6 Jan 2010	Participant
		State level seminar on 'Problem of Malnutrition in Tribal Children of Maharashtra and its Solution' M.K Umathe Arts College Nagpur	15 March 2010	Presented paper
		NSS-Refresher course	20-24 Feb 2009	participant
2	P. K. Garode	State level seminar on 'Adverse Effect of Fast Food' by FES College, Chandrapur	6 Jan., 2010	Participant

**9 Participation /contribution of teachers to the academic activities including teaching, consultancy, and research**

Amit Bannore – Ph. D work on ‘Child Development’ in progress

**10 Collaboration with other departments/institutions at the state, national and international levels , and their out come during past two years.**

---- Nil ----

**11 Priority areas for research and details of the ongoing project, important and noteworthy publications of the faculty, during past two years**

----- Nil -----

## The Department of Physics

### 1 Faculty profile, adequacy, and competency of faculty:

S. N	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	Dr. R. M. Thombre	M.Sc. (Phy), Ph.D.	Lecturer	21	Optical, electrical properties of thin films.
2	Mr S. B. Gedam	M.Sc. (Phy), B.Ed.	Lecturer	16	Dielectric measurement of solids & liquid
3	Mr. C. D. Mungmode	M.Sc. (Phy), SET	Lecturer	03	Rare earth material doped luminescent compounds.
4	Dr. V. S. Edlabadkar (Principal)	M.Sc. (Phy), Ph.D.	Principal	37	Theoretical Physics - Atomic structure calculations - Transition probabilities

### 2. Student Profile- entry level competencies, Socio-economic status, language, proficiency etc,:

2.16 Entry level competencies: - For Undergraduate course: - minimum 35% Marks in Physics at XII standard examination.

2.17 Socio-economic status: - Most of the students are from rural, tribal areas with agrarian background. About 90% students belong to backward classes and economically backward classes.

2.18 Language proficiency: - Most of the students are from rural, backward and tribal regions. These regions are educationally backward. So most of the students have good proficiency in Marathi. They can read, speak and write Hindi and English as well.

2.19 Number of students admitted in year 2009-2010:-

Course	Male	Female	Total
B.Sc.-I	25	29	54
B.Sc.-II	29	18	47
B.Sc.-III	26	26	52

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes:-

Some minor changes are made in the syllabus of B.Sc.-I by RTM Nagpur University, Nagpur in 2008-09. Our college is affiliated to RTM Nagpur University, Nagpur. The institution follows the university norms. So whatever

changes / revisions made in the courses or programmes are followed in the institution. The University does not allow flexibility in the choice of courses / programmes.

**4 Trends in the success and drop out rates of student during the past two years:**

Success rate of students is about 97% (2008-09) and drop out rate is nil.

Following table shows trends during the past two years:-

Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2007-08	57	56	01	34	61%	1.01%
2008-09	62	62	Nil	60	97%	0.00%

**5 Learning resources of the departments – library, computers, laboratories, and other resources:**

The department uses central library wherein there are

Text books - 408

Reference Books - 67

Journals. - 05 (PRAMANA, Bulletin of Material Science, Resonance, SADHANA, Journal of Astrophysics & Astronomy)

We use LCD and Overhead Projector and PC's which are available as central facilities.

**6 Modern teaching methods practised and use of ICT in teaching- learning:-**

- Regular Class Seminar
- Group discussion method
- Presentation method
- Home assignment
- Oral and written test
- Use of internet and CDs for Course and research material.
- Use subject related journals for advance study.

**7 Participation of teachers in academic and personal counseling of students:-**

- Teachers actively participate in academic as well as personal counseling of students.
- Teachers have direct contact with the parents of students. Teachers try to solve their academic problems. Special classes are conducted on Sundays for slow learners.

- Needy students are given financial assistance.
- Opportunities available to them are in the form of various scholarships, fellowship, and career advancement programme.

**8 Details of faculty development programmes and teachers who have been benefited during the past two years:**

Various faculty development programmes have been implemented in the college. Teachers of the department participated and presented research papers in various National & state level conferences during the past two years under faculty development programme.

Refresher / Orientation Courses attended :

Sr.No.	Name	Refresher / Orientation Course	Duration
1.	C.D. Mungmode	Orientation Course	10 April -7 May, 2009
2.	S.B. Gedam	Refresher Course	8 – 29 July, 2009
3.	S.B. Gedam	Refresher Course	22 Feb – 14 March , 2010

**B) Faculty attended Seminars, Conferences, Workshops and presented papers:**

S.NO.	Faculty	Conference/Seminar/Workshop	Year	Activity
1	Dr. R. M. Thombre	i) National Conf. on ‘Recent Trends in NanoScience’	15 Jan, 06	Presented paper
		ii) National Conf. on ‘Recent Advances in Materials Science’	22 Jan, 06	Presented paper
		iii) National Conf. on ‘Novel Materials and Technologies’	17-18, Feb, 06	Presented paper
		iv) Workshop on ‘Environmental Studies through People’s Biodiversity Register’	17-18 Aug, 2007	Participant
		v) International Conf. on ‘Microwaves and Optoelectronics’	17-20 Dec, 2007	Presented paper
		vi) National Conf. on ‘Relevance of Ambedkarism in Socio-Economic development’	8-9 Nov., 2008	Participant
		vii) National Conf. on ‘Recent	10-11 Jan., 2009	Presented paper

2	S. B. Gedam	Trends in Basic & Applied Materials'	4-5 Dec., 2009	Participant
		viii) National Conf. on 'Recent Trends in Material Synthesis and Characterisation'		
		ix) National Conf. on 'Synthesis of Advanced Materials and their Applications'	13 March, 2010	Presented Paper
		i) National workshop on 'Introducing People's Biodiversity Register As a part'	25-26 Aug., 2008	Participant
		ii) National Conf. on 'Recent Trends in Basic & Applied Materials'	10-11 Jan., 2009	Participant
		iii) National seminar on 'Recent Trends in Multifunctional oxide Materials'	17-18 July, 2009	Participant

3	C. D. Mungmode	v) National Conf. on 'Recent Trends in Material Synthesis & Characterisation'	4-5 Dec., 2009	Participant
		i) Workshop on 'Environmental studies through People's Biodiversity Register:'	17-18 Aug., 2007	Participant
		ii) Workshop on 'Recent Trends in Applications of Luminescence'	19 <sup>th</sup> Jan., 2008	Participant
		iii) National Workshop on 'Introducing People's Biodiversity Register As a part of Environment studies at UG Courses'	25-26 Aug, 2008	Participant
		iv) National Conference on	10-11 Jan.,	Presented

4	Dr. V. S. Edlabadkar	'Recent Trends in Basic & Applied Materials'	2009	Paper
		v) National Conf. on 'Synthesis of Advanced Materials and their Applications	13 March , 2010	Presented Paper
		i) Three day workshop on 'Preparation of Teacher's Handbook on Environmental Education at HSC stage' organized by NCERT, N.Delhi at Regional Institute, Mysore	12-18 Sept., 2007	Resource Person
		ii) Review & Editing workshop for Teacher's Handbook on Env. Edu. For HSC stage organized by NCERT at Agharkar Research Institute, Pune	25-27 March 08	Resource Person
		iii) Discussion for proposals Maharashtra Gene Bank organized by and BAIF, Pune at BAIF office Pune	11 Oct, 2008	Participant
		iv) 29 <sup>th</sup> Session of Federation of Maharashtra State Principal's forum at Chandrapur		Participant
		v) National Conf. on 'Synthesis of Advanced Materials and their Applications'	13 March, 2010	Participant

**9 Participation /contribution of teachers to the academic activities including teaching, consultancy, and research:**

Thrust areas of research of the faculties:

- 1) Dr. R. M. Thombre –
  - i) Optical & Electrical Properties of Binary and Ternary thin Film on Glass Substrate, CBD (Chemical Bath Deposition) spray-pyrolysis.
  - ii) Crystal Growth, Microwaves studies

Dr. R. M. Thombre is a recognized Ph.D. Supervisor in Physics of RTM Nagpur University, Nagpur.

- 2) S. B. Gedam -  
Dielectric Measurement of Liquid & Gases Material
- 3) C. D. Mungmode –  
Rare Earth Element Doped Inorganic Luminescent Compounds.
- 4) Dr. V. S. Edlabadkar -  
People's Participation in Conservation of Biodiversity

**10 Collaboration with other Departments/institutions at the state, national and international levels and their out come during past two years:**

Dr. R. M. Thombre is working in collaboration with Dr. B. M. Suryavanshi, Reader Institute of Science, Nagpur.

**11 Priority areas for research and details of the ongoing project, important and noteworthy publications of the faculty, during past two years:**

Dr. V. S. Edlabadkar (Principal)  
Publication – Book on Biodiversity –‘*Nisarg Niyojan –Loksahabhagane*’ (Marathi)

**12 Placement Record of the past students and contribution of the department to aid student placements:**

Records of placement of some of the students are maintained in the department. Students of the department are getting employment in central govt., state govt., public and private sectors. Some have taken up teaching jobs in colleges, schools and university

Following table shows record of placement in various organizations:

S.No.	Name of Student	Qualification	Employer's Name	Designation
1	Sandip B. Kheole	M.Sc. (Tech) 2007 in Applied Geology	Working in J.B. mining group, Andheri, Mumbai	Jr. Geologist
2	Ku. Archana Selokar	M.Sc. (2006) in Pure Geology	She is doing research at I.I.T. Roorkee and also cleared Geologist exam. conducted by UPSC.	J.R.F. (research student)
3	Shri Kumbhare	M.Sc. (Tech) in Applied	Ground water survey and	Jr. Geologist

		Geology	development agencies, Solapur (State Govt.)	
4	Bipin G. Gedam	M.Sc. Geology	National Geological Research Institute, Hyd.	JRF (research student)
5	Sachin H. Garfade	M.Sc. (Tech) in Applied Geology	Agenesis International Pvt. Ltd. Andheri, Mumbai	G.I.S. (Executive)
6	Sandeep L. Nagdeote	M.Sc. in Pure Geology (2006)	Oil Field Instrumentation at Mehsana, Gujrat	Mud logging Engineer

### 13 Plan of action of the department for the next five years:

- To start P.G. Course in the department
- To start M.Phil and Ph.D. Program
- To establish departmental Computer lab
- To renovate lab and purchase new and advanced instruments to strengthen research activity
- To set departmental library
- To organize seminars, conferences and invite lecturers
- To carry out frontline research in the thrust areas such as Nanomaterials, Ultrasonic
- To purchase & establish advanced teaching aids for teaching learning process.

## Department of Chemistry

### 1 Faculty profile, adequacy, and competency of faculty

S. N	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	G. P. Juare	M.Sc., B.Ed	Lecturer	23	Tercopolymers
2	Dr. S. B. Rewatkar	M.Sc., Ph.D.	Lecturer	21	Kinetics and water sampling Spectroscopy Environmental Chemistry Organic Chemistry
3	S. M. Sontakke	M.Sc., B.Ed., NET	Lecturer	05	
4	Ku. A. B. Kanojuya	M.Sc.	Lecturer Contributory	03	

### 2. Student Profile- entry level competencies, Socio-economic status, language, proficiency etc,

#### 2.1 Entry level competencies-

For undergraduate course – Minimum 35 % marks in XII<sup>th</sup> standard with science

2.2 Socio-economic status: - Most of the students are from rural, backward and tribal region. About 98% students belong to backward classes.

2.3 Proficiency: - They have good proficiency in English and Marathi

#### 2.4 Strength of the student during 2009-2010:-

S. No.	Year	Course	Men	Women	Total
1	2009-2010	B.Sc. I	32	38	70
2	2009-2010	B.Sc. II	13	26	39
3	2009-2010	B.Sc. III	22	29	51

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

The college is affiliated to RTM Nagpur University, Nagpur, and follows the curriculum prescribed by the University for all the programs of study offered by it. The university undertakes periodic revision of syllabi and the last such revision was undertaken in the year 2009-10

The institution follows the university norms. So whatever changes / revision made in the courses or programmes are followed in the institution. The university does not allow flexibility in the choice of courses/programmes. All faculty members of

the college participate in the subject workshops and seminars organized by the university and offer their suggestions for the up gradation of courses/programs.

#### 4 Trends in the success and drop out rates of student during the past two years

Success rate of student is about 60 to 90% and drop out rate is about 4 % on account of job opportunities available to students even during the course.

Following table shows the trends in the success and the drop out rate of the students during the past two years.

Sr. No.	Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
1	2007-08	50	47	03	44	90%	06%
2	2008-09	87	85	03	52	61%	2%

#### 5 Learning resources of the department – library, computers, laboratories, and other resources.

The department uses central library wherein there are

Text books - 776

Reference Books - 131

Journals – 03

We use LCD and over head projector which are available as central facilities.

#### 6 Modern Teaching Methods practiced and use of ICT in teaching- learning:-

- Regular class room seminars
- Group discussion method
- Presentation method
- Home assignment
- Oral and written tests
- Use of internet and CDs for course and research material
- Use Journals for advanced study

#### 7 Participation of teachers in academic and personal counseling of students:-

- Teachers actively participate in academic and personal counseling of students.
- Teachers have direct contact with the parents of students.
- Special classes are conducted on Sundays for slow learners
- Needy students are given financial assistance.
- Opportunities available to them in the form of various scholarships, fellowship, and career advancement programmes.

## 8 Details of faculty development programmes and teachers who have been benefited during the past two years

A) Orientation programme attended by the faculty:-

Mr. S. M. Sontakke: - duration 10 April to 7 May 2009 at Pune.

B) Participated and presented research papers in various National and International Conferences/Seminars/Workshop.

S.NO.	Faculty	Conference	Year	Activity
1	G. P. Juare	1. Two day workshop on 'Environmental Studies through People's Biodiversity' organized by RTM Nagpur University Nagpur & M.G. College Armori	17 <sup>th</sup> & 18 <sup>th</sup> August 2007	Participant
		2. UGC Sponsored National Workshop on 'Introducing People's Biodiversity Register' as a part of Environment Studies at undergraduate courses (PBR-2008)	25 <sup>th</sup> & 26 <sup>th</sup> August 2007	Participant
		3. University level Chemistry Teacher Seminar organized by the Department of Chemistry & R.T.M. Nagpur university Chemistry Teachers' Association at S.P. Mahavidyalaya, Chandrapur	28 <sup>th</sup> Sept. 2008	Participant
		4. UGC Sponsored National Seminar on 'Environmental Pollution and its impact on Ecosystem.' Eco-justice 2008 organised by dept of Batony Arts, Commerce & Science College, Koradi, Nagpur	22 <sup>nd</sup> August 2008	Participant
		5. UGC sponsored state level seminar on 'Recent Trends in Analytical Chemistry' – organized by J.M. Patel College Bhandara	31 <sup>st</sup> August 2008	Participant

		6. UGC sponsored state level seminar in Chemistry on 'Metal Pollution' on 31 <sup>st</sup> August 2008 organised by Shri Shivaji Education Society Amaravati's Science College Paoni Distt. Bhandara	30 <sup>th</sup> & 31 <sup>st</sup> March 2009	Participant
		7. UGC sponsored National level workshop on 'Microscale Techniques in Chemistry' organised by Sevadal Mahila Mahavidyalaya Nagpur		Participant
		8. U.G.C. sponsored state level seminar on 'Advanced Material and Advanced Technique of Analysis' – organised by the department of chemistry Sardar Patel Mahavidhyalaya Chandrapur	27 Dec 2009	Participant
		9. National Conference on 'Emerging trends in Biological Science' organized by Department of Zoology M.G. College, Armori	3 Dec. 2009	Paper Presented
2	DR. S. B. Rewatkar	1. National seminar on Emerging Trends in Chemical and Life Sciences and its Relevance to Environmental Conservation	27 Dec. 2009	Presented Paper
		2. National Conference on 'Emerging Trends in Biological Sciences'	6 Oct. 2006	Participant
3	S. M. Sontakke	1. One day workshop "Green & Clean Environment " at Sevadal Mahila College Nagpur	26 Dec. 2006	Participant
		2. University level Chemistry seminar at Science College Pouni Distt. Bhandara	1-15 Nov. 2006	Participant
		3. Attended fifteen day workshop organized by		

	Infosys & RTM Nagpur University at Academic Staff College Nagpur	17-18 August 2007	Participant
	4. Two day National workshop on 'Environmental Studies through People's Biodiversity Register' (PBR) at M.G. College, Armori	25-26 Sept. 2008	Participant
	5. Attended National workshop on PBR at M.G. College, Armori	28 Sept. 2008	Participant
	6. University level Chemistry Teachers' Seminar at S.P. College, Chandrapur	6-7 March 2009	Participant
	7. State level Seminar at S.P. College, Chandrapur	27 Dec. 2009	Participant
	8. National workshop on 'Emerging Trends in Biological Science' at M.G. College, Armori		

## 9 Participation /contribution of teachers to the academic activities including teaching, consultancy, and research

Thrust areas of research of the faculties are

- 1) G. P. Juare -  
Research field: - Synthesis, Characterization and Ion Exchange Proportion, Tercopolymeric Thermoset.
- ii) Minor Research Project: - Proposal was sent to UGC on 15/07/06 ('Survey and Specification of Substances in Drinking Water in Schools and Hostels in Tribal Areas.')
- 2) Dr. S. B. Rewatkar :-
  - i) Recognized Ph.D. Supervisor in Chemistry of RTM Nagpur University Nagpur
  - ii) Recognized M.Phil. Supervisor in Chemistry of Shrivaniyaka Mission University Salem.
  - iii) One student awarded M.Phil & two students have submitted thesis.  
Research Papers:-
    - 1) 'Kinetics of the rapid displacement of iodine from aqueous iodide by bromine - Acta, ciencia Indica', Vol – xxxiiic No. 1,037(2007)
    - 2) 'Voltametric Studies on the Kinetics of the fe+3aq ions with H3EDTA1- in Aqueous Solution' – ACTA Ciencia India, Vol – xxxiiic No. 2,037(2007)

- 3) 'Steady State Redox Potential of Iodine/iodide System for Determination of Arsenic in Synthetically Polluted Water' – Jr of Industrial Pollution control 23(i) 2007 pp151-156
3. S. M. Sontakke :- Research field – Spectroscopy and Environmental Chemistry  
One Minor research Project

**10 Collaboration with other Departments/institutions at the state, national and international levels , and their out come during past two years.**

-- Nil –

**11 Priority areas for research and details of the ongoing project, important and noteworthy publications of the faculty, during past two years**

- 1) G. P. Juare: - Synthesis, Characterization and Ion Exchange Proportion of Tercopolyment & Thermoset.
- 2) S. M. Sontakke – Priority of research – 'Spectroscope Environment Chemistry Minor research project "Impact of Cement Industry on Ground Water Regime of Awarpur Area of Chandrapur' dist (Maharashtra); work in progress.

**12 Placement Record of the past students and contribution of the department to aid student placements.**

No record of placement is maintained in the department. However, students of department are getting employment in public and private sectors. Some have taken up teaching job in colleges, schools, and University.

**13 Plan of action of the department for the next five years.**

- Update Chemistry laboratory with modern equipment
- Start Post Graduation classes
- Start M. Phil and Ph.D. Programmes
- Organize lecture series inviting scholarly resource persons
- Conduct seminar, conference and workshop to promote research activities

## Department of Mathematics

### 1 Faculty profile, adequacy, and competency of faculty

S. N	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	I. A. Khan	M.Sc	Lecturer	21	Thermoelasticity
2	Dr. L.H.Khalsa	M.Sc.,Ph.D.	Lecturer	15	Thermoelasticity

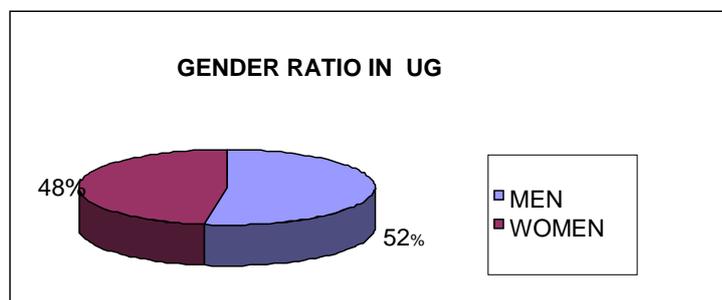
### 2. Student Profile- entry level competencies, Socio-economic status, language, proficiency etc,

Entry level competencies- For UG & PG – Minimum 35 % marks in mathematics at qualifying examination.

S. No.	Course	Men	Women	Total
1	UG	66	60	126
2	PG	15	10	25

Most of the students are from rural, backward and tribal region so their language proficiency is in Marathi

About 98% students belong to backward classes, and economically backward classes.



### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

The college is affiliated to RTM Nagpur University; Nagpur and follows the curriculum prescribed by the University for All the Programs of study offered by it. The university undertakes periodic revision of syllabi and the last such revision was undertaken in the year 2009-10

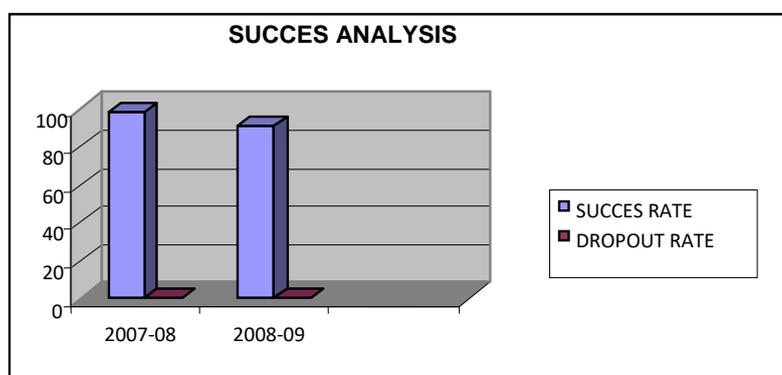
The institution follows the university norms. So whatever changes / revision made in the courses or programmes are followed in the institution. The university does not

allow flexibility in the choice of courses/programmes. Both faculty members of the college participate in the subject workshops and seminars organized by the university and offer their suggestions for the up gradation of courses/programs.

4 Trends in the success and drop out rates of student during the past two years

**Success rate of student is about 90 to 95% and drop out rate is about 3 % on Account of job opportunities available to the student even during the course.**

Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2007-08	56	56	Nil	55	98 %	0%
2008-09	55	54	1	49	91 %	0.55%



5 Learning resources of the departments – library, computers, laboratories, and other resources.

**The department uses central library wherein**

- Text books           **492**
- Reference Books   **120**
- Journals.           **03**
- One laptop under minor research project, Mathematica and MathCAD, software installed.
- We use LCD and Overhead Projector which is available as central facilities

## 6 Modern Teaching Methods practiced and use of ICT in teaching- learning

- Class Seminar taking regularly;
- discussion method;
- Presentation method;
- Group Home assignment ;
- Oral and written test;
- Use of internet and CDs for Course and research material.

## 7 Participation of teachers in academic and personal counseling of students

- Teachers actively participate in academic and personal counseling of students.
- Teachers have direct access with parents of the student.
- Special classes are conduct on Sunday for slow learners
- Needy students are given counseling for the academic and financial assistance
- Opportunities available to them in the form of various scholarships, fellowship, and career advancement.

## 8 Details of faculty development programmes and teachers who have been benefited during the past two years

### **Participating and presenting research paper in various National and International Conferences.**

S.NO.	Faculty	Conference	Year	Activity
1	I.A.Khan	Workshop On LATEX by Department Of Mathematics RTM Nagpur University Nagpur	March 5-7,2007	Participating
		Workshop On Mathematical Computation & Allied Topics by D.B. Science College, Gondia.	Dec.16,2007	Participating
		Seminar on New trends in Mathematics At S.P. College, Chandrapur	March,21,2009	Participating
2	Dr,L.H.Khalsa	7 <sup>th</sup> International congress on thermal stresses at <b>Taipei, Taiwan.</b>  International Conference on	June 4to7,2007	Presenting research paper.

	Current Trends In Industrial And Applied Mathematics. by Faculty of Technology & Engineering THE SAYAJIRAO MAHARAJA OF BARODA	Jan 16-18,2007	Presenting research paper
	Workshop On LATEX by Department Of Mathematics <b>RTM Nagpur University Nagpur</b>	March 5-7,2007	Participating
	Workshop On Mathematical Computation & Allied Topics by D.B. Science College, Gondia	Dec.16,2007	Participating
	International Conference of Mathematical Modeling In <b>Engineering And Biosciences. AGRA</b>	Jan. 2008	Presenting research paper.
	Fifth International Conference Of Applied Mathematics & Computing <b>PLOVDIV (BULGERIA)</b>	Aug 12-18, 2008	Invited for Special Talk
	8th International Congress On Thermal stresses. At <b>Illinois, Urbana-Chicago USA.</b>	June 2-5,2009	Paper Accepted

9 Participation /contribution of teachers to the academic activities including teaching, consultancy, and research

Thrust areas of research of the faculties are

- I.A.Khan- RESEARCH FIELD:

Thermal stresses, Thermoelasticity,

- Dr. L.H.Khalsa- RESEARCH FIELD:

-  Boundary Value Problem In Heat Conduction (AMS 34B05, 34B07),

-  Partial differential equations (AMS 35J25, 35J67, 35K05, 35K20, 35K35, 35K50 ),

-  Integral transforms (AMS 44A05, 44A10),

- ✚ Special functions (AMS 33C10),
- ✚ Thermoelasticity

✚ **Software And Tools:** MathCAD, Maple

✚ **Dr.L.H.Khalsa is recognized Ph.D. supervisor in Mathematics, of RTM Nagpur University, Nagpur**

10 Collaboration with other Departments/institutions at the state, national and international levels , and their out come during past two years.

**Dr. L.H.Khalsa** is co-investigator in collaborative Major research project “**Some Direct and inverse thermoelastic Problem**” with Prof (Dr.) N.W.Khobragade (PI), Deptt. Of Mathematics of Nagpur University, Nagpur.  
For three years ( April 2007 to March 2009), of Rs.5.56 lakh is going on at Nagpur University, Nagpur.

11 Priority areas for research and details of the ongoing project, important and noteworthy publications of the faculty, during past two years

- **Dr L.H.Khalsa -- RESEARCH FIELD:**

- ✚ Boundary Value Problem In Heat Conduction (AMS 34B05, 34B07),
- ✚ Partial differential equations (AMS 35J25, 35J67, 35K0535K20, 35K35, 35K50), .
- ✚ Integral transforms (AMS 44A05, 44A10),
- ✚ Special functions (AMS 33C10),
- ✚ Thermoelasticity
- ✚ Operation Research

- **Research Project Completed – Dr. L.H.Khalsa**

1 UGC Sanctioned Minor Research Project “**Some thermoelastic Problem in Physics and Engineering of Rs.Sixty Five Thousand** for two years (April 2007 to march 2009).

**Research Project Ongoing- Dr. L.H.Khalsa**

1 UGC Sanctioned Minor Research Project “**Study Of Some Business And Industry Management Problems By Constructing Models And Deriving**

**The Solution Using Operations Research Techniques.” of Rs. Thirty Thousand** for two years( November 2009 to October 2011).

- 2 UGC Sanctioned Minor Research Project **“Study of Thermoelastic analysis of thick plates and Shells with heat sources”** of **Rs. 10, 68,300/-** for three years (January 2010 to December 2012).

- **RESEARCH PUBLICATION:**

**Last two year 207-2009          Annex I**

12 Placement Record of the past students and contribution of the department to aid student placements.

No records of placement are not maintained in the department. However, students of department are getting employment in public and private sectors. Others have taken up teaching job in college, school, and university.

13 Plan of action of the department for the next five years.

- 1) To start M.Phil and Ph.D. Program.
- 2) To get recognized as Research center
- 3) To establish Computer lab.
- 4) To develop our Department Library
- 5) To hold seminars, conferences and invited lecturers to strengthen research activities
- 6) To carry out frontline research in the thrust areas such as problems relating to heat transfer and thermal stresses in thick plate and shells with and without heat sources in steady and unsteady cases be taken up for investigation.

- List of research paper in referred journals

**Dr.L.H.Khalsa- Department Of Mathematics**

**Research Paper - 1)** Steady state thermoelastic problem of a thin annular disc in MarchizGrablich transform domain

**Journal-** Bulletin of Pure & Applied Sciences INDIA ,  
Review in Bulletin of American Mathematical Society USA,

**Impact Factor-** 1.878

**Citation-**

**Research Paper -2)** Steady state thermoelastic problem of finite length hollow cylinder in MarchizGrablich transform domain

**Journal-** Bulletin of Pure & Applied Sciences INDIA  
Review in Bulletin of American Mathematical Society USA,

**Impact Factor** -1.878

**Citation-**

**Research Paper -3)** Solution Of Field Equation  $R_{ij=0} \left[ \frac{1}{\sqrt{2}}(y+z)-t \right]$  - type and  $\left[ t\sqrt{2}/(y+z) \right]$  Type Waves In Dimensional Space-time .

**Journal-** The Journal Of Indian Academy of Mathematics  
**Review in Bulletin of American Mathematical Society USA,**

**Impact Factor-1.878**

**Citation-**

- **List of research paper in non-referred journals**

Faculty	Department	Journal	Research Paper
Dr.L.H.Khalsa	Mathematics	1 <b>Bulletin</b> Of Calcutta Mathematical Society INDIA. 2006	An Inverse Transient Thermoelastic Problem Of a Circular Annular Fin
		2 Journal Of Mathematics Education INDIA Mar. 2007	Transient Thermoelastic Problem of finite length Hollow cylinder in MarchizGrablich transform domain.
		3 The Journal Of Indian Academy Of Mathematics INDIA June 2007	Study of direct Steady state thermoelastic problem of a thin annular disc in MarchizGrablich transform domain
		4 Journal Of Mathematics Education INDIA Mar. 2007	Transient Thermoelastic Problem of a thin annular disc in MarchizGrablich transform domain .
		5 Acta Cnencia, INDIA.2008	An Inverse Stead State Thermoelastic Problem Of a Thick Rectangular Plate

### Publication in Conference/Seminar Proceeding

Faculty	Department	Conference	Research Paper
Dr.L.H.Khalsa	Mathematics	International conference on Current Trends In Industrial And Applied Mathematics. by Faculty of Technology &Engineering THE SAYAJIRAO MAHARAJA OF BARODA Jan 16-18,2007	Analysis of Stress Function In Thin Annular Disc Due To Partially Distributed Heat Supply
		7th International Congress On Thermal Stresses (TS2007) At TAIPEI (TAIWAN) June 04-07,2007	Thermoelastic Deformation In circular Annular Fin Due To Partially distributed Heat Supply.
		International Conference of Mathematical Modeling In Engineering And Biosciences. AGRA Jan. 2008	Dynamic Transient Response of Pyroelectric Functionally Graded Pressure vessels.
		8 <sup>th</sup> International Congress On Thermal Stresses (TS2008) At Urbana-Champaign from June 1 through 4, 2009 by the Department of Mechanical Sciences and Engineering of University of Illinois ,USA	TRANSIENT THERMOELASTIC RESPONSE OF A THICK DISC WITH HEAT SOURCES

## The Department of Botany

### 1 Faculty profile, adequacy, and competency of faculty:

S.No	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	Dr. S. G. Kukreja	M.Sc, Ph.D	Lecturer	16 Yrs	Aerobiology Algae
2	Ms. S. T. Nagdeve	M.Sc, M.Phil	Lecturer	9 Yrs	Cytogenetics

### 2. Student Profile- entry level competencies, Socio-economic status, language, proficiency etc:

Entry level competencies for UG course – minimum 35% marks in the qualifying examination (12<sup>th</sup>) with biology.

Strength of students in 2009-2010.

S. No.	Course	Men	Women	Total
1	UG	17	36	53

Most of the students are from rural, backward and tribal region so they are proficient in Marathi. About 98% students belong to backward classes and economically backward classes.

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes:

The college is affiliated to RTM Nagpur University, Nagpur and follows the curriculum prescribed by the university for all the programmes of study offered. The university undertakes periodic revision of syllabi and the last such revision was undertaken in the year 2008-2009

The institution follows the university norms. So whatever changes /revision made in the courses or programmes are followed in the institution. The university does not allow flexibility in the choice of course / programme. Both faculty members of the department participate in subject workshops and seminars organized by the university and offer their suggestion to board of studies for the up-gradation of the courses / programmes.

Design of Herbal medicine syllabus for career oriented certificate course is done by Dr. S. G. Kukreja

### 4. Trends in the success and drop out rates of students during the past two years

Success rate of students is about 94% and drop out rate is about 06% on account of job opportunities available to students even during the course.

Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2007-08	17	16	01	15	94%	6%
2008-09	38	38	nil	33	86%	0%

## 5 Learning sources of the departments – library, Lap-Top, laboratory, and other resources.

The department uses central library wherein there are

Text books - 335

Reference Books - 52

Journals - 05

- a) 1) Earth system science, 2) Current science, 3) Journal of Genetics, 4) Journal of Bioscience, 5) Journal of Science Education
- b) Laboratories: - Laboratory is well equipped with necessary instruments like microscopes, chemicals, class work material, glassware, oven, autoclave, air sampler, centrifuge, Research Microscope
- c) Internet facility is available to the faculty
- d) Department library
- e) Use of LCD, OHP which are available as central facilities

## 6 Modern Teaching Methods practiced and use of ICT in teaching- learning

a)

- Class seminar on topics from syllabus
- Presentation by OHP, Charts, LCD
- Group discussion on topics
- Oral and written test
- Home assignment
- Regular field visit in nearby area
- Compulsory study tour
- Use of internet and CDs for course and research material

- b) The department organizes career orientation certificate course on Herbal medicine in collaboration with non-government organization ‘Amhi Amchya Aarogya Sathi’ for all college students.

## 7 Participation of teachers in academic and personal counseling of students

- Teachers actively participate in academic and personal counseling of students.
- Teachers have direct contact with the parents of students.
- Special classes are conducted for slow learners.
- Needy students are given financial assistance.
- Opportunities available to them in the form of various scholarships, fellowships and career advancement programme.

- Faculty supervises a batch of students for preparing People's Biodiversity Register as a part of environmental studies.

**8 Details of faculty development programmes and teachers who have been benefited during the past two years:-**

Participated and presented research papers in various International, National Conferences, Seminar, Workshops. Attended refresher courses / orientation courses organized by the Academic Staff College.

S.NO.	Faculty	Conference	Year	Activity
1	Dr. S. G. Kukreja	Workshop on 'Environmental Studies through People's Biodiversity Register' by RTM Nagpur University	17-18 Aug., 2007	Participant
		National conference on 'Biodiversity Conservation and Sustainable Development' by P.G. Deptt. of Botany RTM Nagpur University	7-9 Jan., 08	Research Paper Participant
		Symposium on 'Biodiversity of Past' by J.M.Patel college Bhandari	18 Sept., 08	Participant
		National Conference on 'Recent Trends in Biology' by Govt. Institute of Science Nagpur	20-21 Jan., 2009	Participant
		National Seminar on 'Emerging Trends in Chemical and Life Sciences and its Relevance to Environmental Conservation'	4 Dec., 2009	Participant
2	Prof. S. T. Nagdeve	Workshop on 'Environmental Studies through People's Biodiversity Register by RTM Nagpur University	17-18 Aug., 2007	Participant
		Workshop on Action Research Extention Services' by Depttt. of Continuing, Adult Education and Extension RTM Nagpur	11 Dec. 2007	Participant
		National Conference on	20-21 Jan.,	Participant

		‘Recent Trends in Biology’ by Govt. Institute of Science Nagpur	2009	
		National Seminar on ‘Emerging Trends in Chemical and Life Science and its Relevance Environments Conservation’	4 Dec., 2009	Participant

#### B) Organised National Seminar / Conferences

S.NO.	Faculty	Conference	Year
1	Dr. S. G. Kukreja	UGC Sponsored National conference on ‘Environmental Studies through People’s Biodiversity Register’ (PBR) as a part of Environmental Studies	Co-ordinator of Workshop 25 & 26 August 2008
		UGC Sponsored National Conference on ‘Emerging Trends in Biological Sciences’	Co-ordinator of Conference 27 December 2009

#### 15 Participation / Contribution of teachers to the academic activities including teaching, consultancy and research:-

Thrust areas of research of the faculties

- 1) Dr. S. G. Kukreja                      Aerobiology, Mycology, Algae
- 2) Prof. S. T. Nagdeve                    Cytogenetics, Aerobiology

- Dr. S. G. Kukreja is recognized M.Phil Supervisor in Vinayaka Mission University Salem (Tamil Nadu)
- Developing & Maintaining the general Botanical garden in the College Premises.

#### 10 Collaboration with other department / institutions at the state national and international levels, and their out come during past two years.

Department of Botany in Collaboration with NGO ‘Amhi Amchya Arogya Sathi’ run a Career oriented certificate course in ‘Herbal Medicine’ for all college students

Out come in last two years:

- 1) 2008-09 - 37 Students
- 2) 2009-10 - 21 Students

**11 Priority areas for research and details of the ongoing project, important and noteworthy publications of the faculty, during past two years**

Research field :-

Dr. S. G. Kukreja – Aerobiology, Mycology, Algae – Supervisor for M.Phil. and Ph.D.

Research Project Completed:-

- 1) UGC sanctioned minor research project titled ‘Aeromycological Survey of Indoor Environment of Classroom, Library and Hostel of Tribal Ashramshala at Wadegaon Dist. Gadchiroli’ (M.S.) by UGC Ref. No. F 47-030/06 dated 17 June 2007 of Rs. 100000/- for two years (April 2007 to March 2009)

**12 Placement Record of the past students and contribution of the department to aid student placements.**

Placement record is not maintained in the department. At college level employment guidance bureau guides students of the department. However, the students are getting employment in public and private sectors. Many students engaged are in teaching jobs in schools, colleges in tribal and remote areas.

**13 Plan of action of the department for the next five years.**

- Develop the laboratory with more research facilities
- Increase the no. of books in departmental library
- Organize workshop, conference at National level with U.G.C. assistance.
- Develop landscape and eco-friendly environment in college premises
- Plan for major and minor research projects by funding agencies.
- Create awareness in Biodiversity of region in local people.

## The Department of Zoology

### 1 Faculty profile, adequacy, and competency of faculty

S.No	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	J. N. Papadkar	M.Sc.	Lecturer	15	Endocrinatology
2	R. N. Chawan	M.Sc.	Lecturer	9	Limnology

### 2. Student Profile- entry level competencies, Socio-economic status, language, proficiency etc,

Entry level competencies for UG course – minimum 35% marks in Zoology in the qualifying examination.

#### Strength of students – 2009-10

S. No.	Course	Men	Women	Total
1	B.Sc. I	17	22	39
	B.Sc. II	3	19	22
	B.Sc. III	13	22	35

Most of the students are from rural, backward and tribal region so they are proficient in Marathi. About 98% students belong to backward classes and economically backward classes.

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

Changes made in the syllabi during the past two years. The institution follows the University norms. So whatever changes / revision made in the courses or programmes are followed in the institution.

Both faculty members of the college participate in subject workshop and seminars organized by the university and offer their suggestions for the up-gradation of course / programmes.

### 4. Trends in the success and drop out rates of students during the past two years:-

Success rate of students is about 98 to 99% and drop out rate is about 01%.

Every year B.Sc. III year students take admission in M.Sc. Zoology. Some appear in UPSC/ MPSC and NET/ SET examinations. In zoology there are many job opportunities in various fields. Following table shows trends in the success and dropout rates of students during the past two years.

Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2007-08	27	26	01	23	88%	5%
2008-09	54	54	00	46	85%	-

## **5 Learning sources of the departments – library, Lap-Top, laboratory, and other resources.**

The department uses central library wherein there are

Text books - 125

Reference Books - 50

Journals

We use LCD and overhead projector which are available as central facilities and use diagram charts of transparencies.

## **6 Modern Teaching Methods practiced and use of ICT in teaching- learning**

- Class seminar is held regularly
- Group discussion
- Presentation method
- Oral and written test
- Home assignment
- Use of internet and CDs for course and research material
- More task given to the fast learners their difficulties are solved by teachers
- Solve the difficulties of slow learners.
- Use subject related journals for advanced study
- Field work and visit to national parks and sanctuaries

## **7 Participation of teachers in academic and personal counseling of students:**

- Teachers actively participate in academic and personal counseling of students.
- Teachers have direct contact with parents of the students.
- Information given to students about IFS, UPSC, MPSC, NET/ SET and various State Govt. services etc.
- Special classes are held for slow learners.
- Conduct field visits, survey for minor research project and also for Ph. D work
- Arrange lecture inviting resource persons
- Every year supervise 10 to 12 students for People's Biodiversity Register as a part of environment studies.

**8 Details of faculty development programmes and teachers who have been benefited during the past two years:**

A) Refresher/Orientation programmes attended:-

- 1) J. N. Papadkar:- Refresher Course - duration 10/12/2008 to 30/12/2008.
- 2) R. N. Chavhan:- Orientation Programme – duration 3/11/2008 to 29/11/2008.

B) Participated in a two day workshop on Environmental Studies

S.NO.	Faculty	Conference	Year	Activity
1	J. N. Papadkar	UGC sponsored national workshop on 'Introducing PBR'	25,26 Aug 2008	Participant
		Workshop on 'Environmental Studies through PBR'	17,18 Aug 2008	Participant
		Conducted National Conference on 'Emerging Trends in Biological Sciences'	27 Dec. 2009	Organising Secretary
		Workshop Yaswantrao Chawan Open University	9,10-08	Participant
2	R. N. Chavhan	Seminar on 'Solid Waste Management'	18,19 march 2008	Participant
		UGC sponsored National workshop on 'Introducing PBR'	4 march 2008	Participant
		Workshop on 'Environmental Studies through PBR'	25,26 Aug 2008	Participant
			17,18 Aug, 2008	Participant
		National Seminar on 'Emerging Trends in Life Sciences & its Relevance to Environmental Conservation' at NAMV, Umred	4 Dec., 2009	Presented Paper
		National Conference on 'Life Sciences' at P.N. College Pusad	30 Jan. 2010	Presented Paper
	National Seminar on 'Life Sciences' of Institute of Science at Nagpur	18 Feb., 2010	Presented Paper	

C) Organized National Conference by the Department of Zoology:-

- One day UGC Sponsored National Conference on 'Emerging Trends in Biological Sciences' on 27 Dec., 2009 at M. G. College, Armori.

16 Participation / Contribution of teachers to the academic activities including teaching, consultancy and research:-

Thrust areas of research of the faculties

1) J. N. Papadkar :- Research field

Light and Electron Microscopy of Endocrine Glands of Pteropus Reproductive (Endocrinology)

- Minor research project
- Participate in various international, national and state level

2) R. N. Chavhan :- Limnology of Ramsagar lake

**10 Collaboration with other department / institutions at the state national and international levels, and their out come during past two years.**

---- Nil ----

**11 Priority areas for research and details of the ongoing project, important and noteworthy publications of the faculty, during past two years**

a) Shri. J. N. Papadkar:-

- Engaged in research since 2006 on ‘Light and Electron Microscopic Studies on Reproductive Endocrinology of Pteropus Giganteus’
- Minor research project is in progress since sept 2009 on “Light and Electron Rs 90,000 sanctioned by UGC.

b) Shri R. N. Chavhan :- Limnology of lake of Ramsagar

**12 Placement Record of the past students and contribution of the department to aid student placements.**

Records of placement are not maintained in the department. However students of department are getting employment in center government, state govt., public sector and private sector. Some have taken up teaching job in colleges, schools and university.

**13 Plan of action of the department for the next five years.**

- Update Zoology laboratory with modern equipment
- Develop departmental library
- Conduct Seminar, conferences and invite lecturers to strengthen research activities with UGC assistance.
- Arrange study tours
- Discuss subject using audio/video
- Teach using LCD power presentation
- Purchase tools and materials like computers, binocular, light microscopes, microtones, ovens for well equipped laboratory.

## The Department Of Geology

### 1 Faculty profile, adequacy, and competency of faculty

S. N	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	C. P. Dorlikar	M.Sc.	Lecturer	16 Years	Igneous Petrology
2	H. W. Khandare	M.Sc. (Tech.)	Lecturer	10 Years	Economic Geology
3	Ku. A. B. Chopkar	M.Sc.	Cont. Lecturer	7 Months	Micro-Palaentology

### 2. Student Profile- entry level competencies, Socio-economic status, language, proficiency etc,

2.20 Entry level Competencies: - For Undergraduate course: - 35% Marks in XII<sup>th</sup> examination with science.

2.21 Socio-economic Status: - Most of the students are from rural areas with agrarian background. About 98% students are from economically backward classes.

2.22 Language: - The mother tongue of maximum students is Marathi but some know Gondi language. Students can read and write Marathi, Hindi and English.

2.23 Proficiency:- They have good proficiency in Marathi.

2.24 Number of the Students admitted in 2009-2010 :-

S. No.	Year	Course	Men	Women	Total
1	2009-2010	U.G.	38	18	56

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

The college is affiliated to RTM Nagpur University. The institution follows the university norms. So whatever changes / revision made in the course or programmes are followed in the institution. The university undertakes periodic revision of syllabi. The last such revision was undertaken in the year 2009-2010. We make the special notes on these topics and these notes were provided to the students.

The faculty members participate in subject workshops and seminars organized by the university and offer their suggestions for the up-gradation of courses/ programmes. One of the staff member (C. P. Dorlikar) is a member of the Board of Studies and a member of the Faculty of Science (statutory body of the RTMNU). In this capacity he makes suggestions/recommendations to the Board.

#### **4 Trends in the success and drop out rate of the student during the past two years**

Success rate of student is about 90 - 95% and drop out rate is about 3 % on account of job availability during the course.

Following table shows the trend in the success and the drop out rates of students during the past two years:

Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2007-08	44	43	01	36	83%	2.50%
2008-09	58	56	02	34	60%	3.80%

#### **5 Learning resources of the departments – Library, Computers, Laboratories, and other resources.**

The department uses central library wherein there are

Text books - 72  
Reference Books - 09  
Journals - 01

We use LCD and Overhead Projector which are available as central facilities.

#### **6 Modern Teaching Methods practiced and use of ICT in teaching- learning:-**

- Regular class seminar
- Group discussion method
- Presentation method
- Home assignment
- Oral and written tests
- Use of internet and CDs for course and research material
- More task given to the fast learners. Their difficulties are solved by the teachers.
- Difficulties of slow learners addressed
- Use subject related Journals
- Field visits - visit to various Central Govt., State Govt., Private Mines, Semi Govt. deptt.

#### **7 Participation of teachers in academic and personal counseling of students**

- Teachers actively participate in academic and personal counseling of students.
- Teachers have direct contact with the parents of students
- Information given to students about Geologist examination conducted by UPSC, Civil services examination, various state govt. services
- Special classes are conducted for slower learners
- Conduct field visit, survey for minor research Project and Ph.D. research work.

- Arrange lecture series
- Guide a batch of 10-12 students every year to prepare Peoples' Biodiversity Register (PBR) as a part of environment studies.

## **8 Details of faculty development programmes and teachers who have been benefited during the past two years**

### 1) C. P. Dorliakr

- Mr. C. P. Dorlikar is doing Ph.D under FIP on "Geology and Geochemistry of Mafic Rocks from East and Southeast of Wadhona Area of Chandrapur District, Western Bastar Craton, Central India" since 01/01/2009 under FIP scheme of UGC XI<sup>th</sup> plan period.
- Attended workshop on 'Rain Water Harvesting an Option for Water Conservation' at Shivaji Science College, Nagpur on 19<sup>th</sup> Nov. 2009
- Attended and Presented paper in National seminar on 'Emerging Trends in Chemical Life Sciences and its Relevance to Environment Conservation' held at Nutan Adarsh college, Umrer on 4/12/2009
- Attended A two day workshop on 'Workshop on B.Sc. Geology Syllabus of R.T.M. Nagpur University: Scope and Teaching Methodology' organized by Deptt. Of Geology, Shri Shivaji Science College, Congress nagar, Nagpur on 6<sup>th</sup> and 7<sup>th</sup> July, 2007
- Attended refresher course in Geology at Academic staff college, RTM University Nagpur from 25/02/2009 to 17/3/2009.
- Attended two days workshop on Environment studies through PBR held at M.G. College, Armori on 17 & 18 Aug., 2007.
- Attended a two day UGC sponsored National workshop on 'Introducing Peoples' Biodiversity as a Part of Environmental Studies at Under Graduate Courses' PBR-2008 held on 25&26 Aug., 2008.

### 2) H. W. Khandare:-

- National Seminar on "Energy Scenario 2020! Challenges Perspectives and Exploration Strategies" held at Gondawana Geological society, Nagpur on 14<sup>th</sup> and 15<sup>th</sup> June 2007
- Attended two day workshop on "Workshop on B.Sc. Geology Syllabus of R.T.M. Nagpur University: Scope and Teaching Methodology" organized by Deptt. Of Geology, Shri Shivaji Science College, Congress nagar, Nagpur on 6<sup>th</sup> and 7<sup>th</sup> July, 2007
- Workshop on "Rain Water Harvesting an Option for Water Conservation" at Shivaji Science College, Nagpur on 19<sup>th</sup> Nov. 2009
- Attended refresher course in Geology arranged by UGC, ASC, RTMNU, Nagpur from 25/02/09 to 17/3/2009
- Participated in a two day workshop on "Environmental Studies through People's Biodiversity Register (P.B.R.) held at M.G. College, Armori on 17<sup>th</sup> & 18<sup>th</sup> Aug. 2007
- Attended UGC sponsored two day National workshop on "Introducing People's Biodiversity Register As a Part of Environment studies at undergraduate courses." (PBR-2008) organized by M.G. College, Armori on 25<sup>th</sup> and 26<sup>th</sup> Aug. 2008

**17 Participation / Contribution of teachers to the academic activities including teaching, consultancy and research :-**

- 1) C. P. Dorlikar –
  - a. Research activity - doing Ph.D. under F.I.P. (two years) w.e.f. 1/1/2009.
  - b. Member of Board of Study and Faculty of Science of RTM Nagpur University. (2005,2006 and onwards)
  - c. University Work (Paper setting, paper setting moderation, valuation of B.Sc. I,II,III Geology including Practical)
  - d. FGGS
  - e. Arranged Lecturer series of dignified resource person for college students
  - f. Life Member, Indian Geological Science, Roorkee India

2) H. W. Khandare:-

- Research activities
- Minor research project
- Co-Guide of SGAV, Amravati for project work of M.Sc. student in Geology subject
- Life time member of Gondwana Geological society (FGGS)
- Life time member of state officer's forum
- Member of subject examination committee of RTMNU Nagpur in Geology Subject
- Participated in various International, National and state level conferences.
- Being a Geologist, work as a consultant for limestone, coal and Iron ores in different part of India
- Contribution to University work (Paper setting, Paper Setting moderation, practical works and valuation of B.Sc. I,II,III Geology)

**10. Collaboration with other Departments /Institutions at the States, National and International levels and their out come during past two years.**

- Shri H. W. Khandare working as a Co-Guide for M.Sc. Geology student for their project work of Sant Gadge Baba Amravati university, Amravati in 2009-2010 year
- Lifetime member of Gondwana Geological society of India
- Shri. H. W. Khandare is member of Maharashtra officer's forum.
- Both teachers are members of Marathi Vidnyan Parishad at state level, Pune

**11 Priority areas for research and details of the ongoing project, important and noteworthy publications of the faculty, during past two years**

- 1) Shri. C. P. Dorlikar :- Doing research work under FIP since 1/1/09 on “Geology and Geochemistry of Mafic Rocks from East and Southeast of Wadhona area of Chandrapur District Western Bastar Craton, Central India.’
- 2) Shri. H. W. Khandare :-  
Research work is on progress on “Geology of Dewalgaon Area with Special Reference to Banded Iron Formation of Bastar Craton, Central India”

Minor research project is on progress since Apr. 09 on “Geology, Geochemistry and Genesis of Banded Iron Formations of Dewalgaon Area” of Rs. 60,000/- sanctioned by UGC

## 12 Placement Record of the past students and contribution of the department to aid student placements.

Following table shows record of placement in various organizations

S.No.	Name of Student	Qualification	Employer's Name	Designation
1	Sandip B. Kheole	M.Sc. (Tech) 2007 in Applied Geology	Working as Jr. Geologist in J.B. mining group, Andheri, Mumbai He cleared Geologist Examination conducted by U.P.S.C. in 2008 for Jr. Geologist in Geological Survey of India.	Jr. Geologist
2	Ku. Archana Selokar	M.Sc. (2006) in Pure Geology	She cleared GATE; presently she is doing research at IIT Roorkee. She also cleared Geologist examination conducted by UPSC in 2009. She presented research paper in a conference in Germany	J.R.F.
3	Ku. Sandhya D. Kuthe	M.Sc. in Pure Geology	She cleared UPSC Geologist Examination for Jr. Geologist in Geological Survey of India	Asstt. Geologist
4	Ku. Varsha P. Mane	M.,Sc. in Pure Geology	Working as Asstt. Geologist in Ground Water Survey and development agencies	Jr. Geologist

5	Shri Kumbare	M.Sc. (Tech) in Applied Geology	Ground water survey and development agencies, Solapur (State Govt.)	JRF
6	Shri. Bipin S. Gedam	M.Sc. in Pure Geology	National Geophysical Research Institute, Hyderabad (passed NET)	Mines Manager
7	Shri. Gunwant G. Wadpalliwar	M.Sc. (Tech) in Applied Geology	Maharashtra Mining Corporation Ltd, Nagpur	G.I.S. (Executive)
8	Shri. Sachin H. Garfade	M.Sc. in Pure Geology (2006)	Igenesis International Pvt. Ltd. Andheri, Mumbai	Mud logging
9	Shri. Sandeep L. Nagdeote	M.Sc. (Tech) in Applied Geology (2007)	Oil Field Instrumentation at Mehsana, Gujrat	Engineer
10	Ku. S. G. Juare	M.Sc. in Pure Geology	Central Mining Research Institute, Nagpur	JRF
11	Mr. Tanmay Raut	M.Sc. Geology	P. G. Geology Deptt. RTMNU Nagpur	JRF
12	Shri Bhushan D. Kuthe	M.Sc. (tech) in applied Geology	Central mining research Institute, Nagpur	JRF

### 13 Plan of action of the department for the next five years.

- Update Geology Laboratory with modern equipments
- Start department library
- Conduct seminars, conferences to strengthen Research activities
- Arrange study tour to Geological bearing area
- Encourage students to opt for Geology
- Use of Audio / Video
- Teach using LCD power presentation
- Purchase tools and materials like computer, binocular petrological microscope and GPS for well equipped laboratory

## Department of Computer Science

### 1 Faculty profile, adequacy, and competency of faculty:

S. N	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	S. R. Chaudhari	MCM	Lecturer	6 months	Programming
2	S. T. Gahane	MCA	Lecturer	6 months	Programming

### 2 Student Profile- entry level competencies, Socio-economic status, language, proficiency etc,

Entry level competencies for UG course is minimum 35 % marks in 12<sup>th</sup> examination.

S. No.	Course	Men	Women	Total
1	UG	52	55	107

Most of the students are from rural, backward and tribal region. They are proficient in Marathi

About 98% students belong to backward classes, and economically backward classes.

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

The college is affiliated to RTM Nagpur University, Nagpur and follows the curriculum prescribed by the University for all the programmes of study offered by it. The university undertakes periodic revision of syllabi and the last such revision made in B. Sc 1 was in the year 2008-09 and B. sc 11 was in 2009-10

The institution follows the university norms. So whatever changes / revision made in the courses or programmes are followed in the institution. The university does not allow flexibility in the choice of courses/ programmes. The faculty members of the college participate in the subject workshops and seminars organized by the university and offer their suggestions for the up gradation of courses/programs.

#### **4 Trends in the success and drop out rates of student during the past two years**

Success rate of student is about 90 to 95% and drop out rate is about 0 %

Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2007-08	39	39	-	38	97%	-
2008-09	26	26	-	3	12%	-

#### **5 Learning resources of the departments – library, computers, laboratories, and other resources.**

The department uses central library wherein there are

Text books - 250

Reference Books - 15

Journals - Nil

We use LCD and Overhead Projector which are available as central facilities

#### **6 Modern Teaching Methods practiced and use of ICT in teaching- learning**

- Class Seminar are held regularly
- Group discussion method
- Presentation method
- Home assignment
- Oral and written test
- Use of internet and CDs for Courses

#### **7 Participation of teachers in academic and personal counseling of students**

- Teachers actively participate in academic and personal counseling of students.
- Teachers have direct contact with the parents of students.
- Special classes are conduct on Sundays for slow learners
- Needy students are given financial assistance; Opportunities available to them in the form of various scholarships, fellowship, and career advancement programmes.

#### **8 Details of faculty development programmes and teachers who have been benefited during the past two years:-**

---- Nil ----

**9 Participation /contribution of teachers to the academic activities including teaching, consultancy, and research**

----- Nil -----

**10 Collaboration with other Departments/institutions at the state, national and international levels, and their out come during past two years.**

---- Nil ----

**11. Placement Record of the past students and contribution of the department to aid student placements.**

----- Nil -----

**12 Plan of action of the department for the next five years.**

- To start PG program
- To connect all the departments by wi-fi system.

## Department of Micro-Biology

### 1 Faculty profile, adequacy, and competency of faculty

S. N	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	Ms.V. K. Hood	M. Sc. (M/B)	Lecturer	3 Years	

### 2. Student Profile- entry level competencies, Socio-economic status, language, proficiency etc,

Entry level competencies- For UG & PG course – Minimum 35 % marks in the qualifying examination.

The strength of students in the year 2009-10

S. No.	Course	Men	Women	Total
1	UG	15	30	45

Most of the students are from rural, backward and tribal region so their language proficiency is in Marathi

About 98% students belong to backward classes, and economically backward classes.

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

The college is affiliated to RTM Nagpur University, Nagpur and follows the curriculum prescribed by the University for all the programmes of study offered by it. The university undertakes periodic revision of syllabi and the last such revision was undertaken in the year 2009-10

The institution follows the university norms. So whatever changes / revision made in the courses or programmes are followed in the institution. The university does not allow flexibility in the choice of courses/programmes. The faculty member participates in subject workshops and seminars organized by the university and offers her suggestions for the up- gradation of courses/programs.

#### **4 Trends in the success and drop out rates of student during the past two years**

Success rate of student is about 90 to 95% and drop out rate is about 3 % on account of job opportunities available to the student even during the course.

Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2007-08	16	14	7	11	79%	12%
2008-09	27	26	20	6	47%	4%

#### **5 Learning resources of the departments – library, computers, laboratories, and other resources.**

The department uses central library wherein there are

Text books - 11

Reference Books - 43

Journals - 4

LCD and Overhead Projector which are available at college are used

#### **6 Modern Teaching Methods practiced and use of ICT in teaching- learning**

- Regular class seminars are held
- Group discussion method
- Presentation method
- Home assignment
- Oral and written test
- Use of internet and CDs for Courses
- Guest lectures are arranged for students

#### **7 Participation of teachers in academic and personal counseling of students**

- The teacher actively participates in academic and personal counseling of students.
- The teacher has direct contact with the parents of students.
- Needy students are given financial assistance
- Opportunities available to them in the form of various scholarships, fellowship, and career advancement courses.

**8 Details of faculty development programmes and teachers who have been benefited during the past two years:-**

Ms. V. K. Hood participated in the 2<sup>nd</sup> National Biotech Congress.

**9 Participation /contribution of teachers to the academic activities including teaching, consultancy, and research**

Life Science department conducted National conference on “Emerging trends in Biological Science” 27 Dec 2009.

**10 Placement Record of the past students and contribution of the department to aid student placements.**

No record available since it is a new course in this college.

**11 Plan of action of the department for the next five years.**

- To develop well equipped lab.
- To develop department library
- To hold seminar, conference & invite lecturers to strengthen students knowledge.

## The Department of Commerce

### 1 Faculty profile, adequacy, and competency of faculty:

S. No	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	K. D. Hajare	M.Com, M. Phil.	Lecturer	22	Banking & Rural Development
2	U. T. Kamble	M.Com, SET	Lecturer	09	
3	Mahesh Dani	M.Com, M. Phil.	C.H.B.	01	
4	D. L. Giripunje	M.Com, M. Phil.	C.H.B.	02	
5	W. D. Golait	M.Com, Ph.D.	Lecturer	-	

### 2. Student Profile- entry level competencies, Socio-economic status, language, proficiency etc:

Entry level competencies for UG course is minimum 35% mark in every subject in the qualifying examination.

Strength of students in the year 2009-10:

S. No.	Course	Men	Women	Total
1	B.Com. I	27	05	32
2	B.Com. II	08	01	09
3	B.Com.III	08	01	09

Most of the students are from rural, backward and tribal region. They are proficient in Marathi.

About 98% students belong to backward classes and economically backward classes.

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes:

The college is affiliated to RTM Nagpur University, Nagpur and follows the curriculum prescribed by the University for all the programs of study offered by it. The university undertakes periodic revision of syllabi and the last such revision was undertaken in the year 2009-10.

The institution follows the University norms. So whatever changes / revision made in the courses or programmes are followed in the institution. The University does not allow flexibility in the choice of course / programmes. Faculty members

of the department participate in the subject workshops and seminars and offer their suggestion for the up gradation of courses/programme.

- 4. Trends in the success and drop out rates of students during the past two years**  
 Success rate of students is about 5% and drop out rate is about 13% on account of job opportunities available to the student even during the courses.

Following table shows trends in the success and the drop out rates of students during the past two years.

Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2008-09	B.Com. I = 31	28	03	01	4%	10%
	B.Com. II = 09	06	03	-	-	30%
	B.Com. III = 09	09	00	01	11%	-

**5 Learning sources of the departments – library, Lap-Top, Language laboratory, and other resources:**

The department uses central library wherein there are

Text books - 738

Reference Books - 10

Journals/ Periodicals - 04

We use LCD and overhead projector which are available as central facilities.

**6 Modern Teaching Methods practiced and use of ICT in teaching- learning**

- Class seminar
- Group discussion
- Presentation method
- Oral and written test
- Home assignment
- Use of internet and CDs for course and research material
- Project work

**7 Participation of teachers in academic and personal counseling of students:-**

- Teachers actively participate in academic and personal counseling of students.
- Teachers have direct contact with parents of the student.
- Opportunities available to them in the form of various scholarships, fellowship and career advancement programmes.
-

**8 Details of faculty development programmes and teachers who have been benefited during the past two years:-**

Participation in various national and state level conferences.

S.NO.	Faculty	Conference	Year	Activity
1	U. T. Kamble	State level seminar	24 March, 08	Participant
		20 <sup>th</sup> Maharashtra state Commerce Conference, Bhore	2,3 Feb., 08	Participant
		National workshop on PBR	25,26 Aug., 2008	Participant
		Maharashtra State Commerce Conference at KPB Amduja College Mumbai	24,25 April, 09	Participant
		UGC sponsored regional seminar at K.P. College kamptee	9 Jan., 2010	Participant
		Two day national seminar at Dayanand Arts College, Nagpur	March 2010	Participant
2	K. D. Hajare	State level seminar at Arvi	2,3Feb 08	Participant
		Maharashtra State Commerce Conference at Bhore		

**18 Participation / Contribution of teachers to the academic activities including teaching, consultancy and research :-**

Research activities –

a) U. T. Kamble:-

- Ph.D., Research work on Banking & Rural Development is progress.
- P.G. Classes at RTM Nagpur sub-center Gadchiroli.

b) W. D. Golait:- Urban Banking

**10 Placement Record of the past students and contribution of the department to aid student placements.**

Record of the placement is not maintained in the department. However, students have acquired position in banking sector & private sector. Some are self employed.

**11 Plan of action of the department for the next five years.**

- To have a separate room for commerce department
- To have a departmental library
- To organize UGC funded seminars, conferences, workshops etc
- To have a separate I/T lab for commerce department
- To purchase useful CDs & DVDs
- To organize placement activities for students

## The Department of Physical Education

### 1 Faculty profile, adequacy, and competency of faculty

S. N	Name	Educational Qualification	Designation	Teaching Experience	Area of interest / Research
1	Dnyaneshwar V. Thakre	B.Com., B.P. Ed., M.P.Ed., NET	Director of Physical Education	10 Yrs	Sports

### 2. Student Profile- entry level competencies, Socio-economic status, language, proficiency etc,

Entry level competencies- All students who have taken admission in the college.

Strength of students Year 2009-2010

S. No.	Course	Men	Women	Total
1	UG	492	540	1032

Most of the students are from rural, backward and tribal region. They are proficient in Marathi.

About 90% students belong to backward classes, and economically backward classes.

### 3 Changes made in the courses or programmes during the past two years and the contribution of the faculty to those changes

The college is affiliated to RTM Nagpur University, Nagpur and follows the directions of the University for all the programs of study offered by it. The university undertakes periodic revision of syllabi.

The institution follows the university norms. So whatever changes / revision made in the courses or programmes are followed in the institution. The faculty member of the college participates in the subject workshops and seminars organized by the university and offers his suggestions for the up gradation of courses/programmes.

#### **4 Trends in the success and drop out rates of student during the past two years.**

Success rate of student is about 100% and drop out rate is 0 %.

Year	No. of student admitted	No. of student appeared	No. of student Drop out	No. of student passed	% of success	Drop out rate
2007-08	1026	489	-	489	100%	Nil
2008-09	1189	395	-	395	100%	Nil

#### **5 Learning resources of the departments – library, computers, laboratories, and other resources.**

The department uses central library wherein there are

Text books = Nil

Reference Books = 10

Journals = 1

The department has Gymnastic equipment and play grounds for outdoor games.

#### **6 Modern Teaching Methods practiced and use of ICT in teaching- learning**

- Fitness Training
- Regular practice to develop skill
- Participation in Tournaments (Outdoor and Indoor)
- Trial & error Method for selection
- Guest coaches
- Medical test
- Physical efficiency test
- Internet & CDs for modern techniques & tactics of games
- Guidance of expert players.

#### **7 Participation of teachers in academic and personal counseling of students**

- The teacher actively participates in academic sports recreation and personal counseling of students.
- The teacher interacts with students in sports activities to perfect their skill.
- Regularly attends and observes the players on the play ground and in outdoor & indoor games.
- Gives special coaching for advanced players.
- The teacher has direct contact with parents of students.
- Needy students are given financial assistance.
- Opportunities available to them in the form of various scholarships, fellowship and career advancement programmes.

## 8 Details of faculty development programmes and teachers who have been benefited during the past two years

Participation in various National and International Conferences.

S.NO.	Faculty	Conference	Year	Activity
1	D. V. Thakre	One day Seminar on Sports Activity in college Dr. Ambedkar College Nagpur	3 <sup>rd</sup> Mar., 08	Participant
		One day Seminar on Importance of Management in Phy. Edu. P.G.T.D. , Nagpur	31 <sup>st</sup> Mar., 08	Participant
		National Level Role of Media in Enhancing Performance in Sports & Games N.S.S.M., Nagpur	28 <sup>th</sup> Sep., 08	Participant
		State Level the role of yoga in modern life . At. Com. College Koradi	3 <sup>rd</sup> Oct., 08	Participant
		State level seminar	1 <sup>st</sup> Feb 2010	Participant
		National level seminar at Rashtrapita Mahatma Gandhi College, Savli Chandrapur	30 <sup>th</sup> Feb 2010	Participant
		Refresher Course at Nagpur University	22-2-10 to 14-3-10	Participant

## 9 Participation /contribution of teachers to the academic activities including teaching, consultancy, and research

- Use CDs of Kho-Kho game
- University recognized coach Nag. Uni. Team
- National coach of Vidarbha Kho-Kho Association
- External Examiner of Nagpur Uni. Phy. Edu. B.P.Ed
- Participates in the organization and evaluation of Kho-Kho, Kabaddi.

**10 Collaboration with other departments/institutions at the state, national and international levels , and their out come during past two years.**

---- Nil ----

**11 Priority areas for research and details of the ongoing project, important and noteworthy publications of the faculty, during past two years**

----- Nil -----

**12 Placement record of the past students and contribution of the department to aid student placements.**

- Police - 8
- Guard (Forest)- 2
- Teacher - 3

**13 Plan of action of the department for the next five years.**

- To develop play grounds & gymnasium hall with modern facility
- To organize sports camps of various games
- To include more games
- To get the services of a woman coach