

ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF IQAC

For the Year 2008-09

Submitted To
**National Assessment
And
Accreditation Council
(NAAC)**



**DHARAMPETH M.P. DEO MEMORIAL
SCIENCE COLLEGE**

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PART A

Action Plan for the Academic Year 2008-09:

The academic year commenced with a staff meeting in which the Principal presented the action plan for the year. The action plan was given to all the departments for detailed discussion. The final draft was prepared by IQAC incorporating departmental level modifications.

Curricular Aspects:

For curricular aspects it was thought to give emphasis on

1. Preparation of Teaching Plan.
2. Organization of UGC sponsored national level seminars in addition to the state level.
3. Identification of the advanced and slow learners through an evaluation of students by teachers.
4. Introduction of UGC sponsored Career Oriented Course in Bioinformatics including formulation of syllabi for these courses.

Teaching, Learning and Evaluation:

In order to strengthen teaching, learning and evaluation process it was planned

1. To start "Class guide and Mentor system" by allotting 10-15 students per teacher so that teachers will be able to help to solve student's difficulties and give them personal guidance.
2. To continue the different methods of evaluation to improve the performance of students and teachers through peer evaluation, student evaluation of teachers, self evaluation of teacher through teacher appraisal forms etc.



3. The conveners of various committees and the associated secretaries chalked out plans for co-curricular and extra curricular activities.
4. To get feed back from the students.
5. To update library with addition of new books.
6. To opt for tutorial system in the subject of Mathematics and English for slow learners as well as for encouraging advanced learners.
7. To conduct class tests to improve results.

Research and Consultancy:

1. Encourage more number of teachers to embark upon research project, and undertake minor and major research projects and submit it to UGC / DST & other funding agencies.
2. Publish more academic and research oriented papers, books ,etc.
3. Strengthen consultancy services.
4. Encourage students to take up mini research projects.

Student Support and Progression:

The focus of the college is always to support students and hence it was decided to

1. Continue financial assistance to support outstanding sports persons.
2. Strengthen the book banks in the departments.
3. Document the progression and placement of the students by the departments.
4. Provide counseling to students through trained counselors and teachers.
5. Install more computers in the Network Resource Centre (NRC).
6. Encourage students to render their services for college administration such as, to help in arrangements of workshops and conferences, to help in administration of all cultural, sports and other extra curricular events.



7. Introduce 'Science Corner' activity and Medha Sanskar training programme for Jr. College students.

Infrastructural development:

1. Establish new Bioinformatics laboratory in the college.
2. Renovation of Administrative block.(Principal's cabin and office).
3. Construction of compound wall, and flooring with checkered tiles.

Organization and Management:

1. In order to strengthen quality improvement activities, increase the frequency of IQAC meetings.
2. Prepare an annual calendar for meetings and other programmes of various committees, at the beginning of the academic year.
3. Submission of department /committees reports regularly to IQAC committee.
4. Updating of college web site regularly.
5. Submit proposal to the management for procuring permission to be a part of "Common wealth Youth Baton Relay"

Co-Curricular Activities:

For overall development of students co-curricular activities play important role. Hence it was decided.

1. To conduct intercollegiate debate and painting competitions.
2. To publish magazine "Asmita" before the commencement of university exam and departmental magazine, if any.
3. To conduct workshop for development of soft skills/interpersonal skills and to organize intercollegiate seminar, debate, elocution, various competitions, quizzes etc.



4. To arrange various programs under NSS and NCC like Blood donation camp, awareness program on AIDS, cleanliness drive, pollution, & environmental issues, tree plantation, commemoration of various National festivals and to organize various programs with NGOs.
5. To provide new vistas of learning through educational tours, science excursions and surveys for students.
6. To hold lectures under Women's Cell by experts on health related issues and also to conduct health check-up camps for students as well as teachers.

HOME SCIENCE FACULTY:

Proposes to organize:

1. Utility workshop for girls.
2. Participation in diet exhibitions in collaboration with NGOs.
3. Motivate students to acquaint with Entrepreneurship.
4. Organize lectures on Health issues.



PART B

1. Activities reflecting the goals and objectives of the institution

:

The goals and objectives of the college are to spread knowledge by college teaching processes so as to bring into its fold the bulk of the students of the community who are first generation learners through interaction and training programmes. Keeping this in mind activities taken up are academic, training, co-curricular and imparting value based education which will inspire analytical thinking and desire for higher studies amongst students.

2. New academic programs initiated :

UGC sponsored Career-Oriented Certificate Course in Bioinformatics was introduced from this academic session. Such add on courses help students to acquire additional skills and offer immense potentialities for self employment there by contributing to national development.

Academic flexibility is also available to the students to choose the course of their choice, that includes UG and PG courses in Biotechnology and Bioinformatics run by Y.C.M.O.U, study centre of the college.

The college has been developing such packages, which will help to enrich the knowledge, skills, and values that help students in achieving academic excellence.

3. Innovation in curricular design and transaction :

R.T.M. Nagpur University, Nagpur under which the College is affiliated implements the syllabi provided by it. The college contributes in guiding RTM Nagpur University in the design and development of new courses. It is done through the faculty members who are either members of Board of studies or are Chairman of board of studies and thus we are fortunate to have their contribution in curriculum design.



This year comprehensive syllabus of Certificate course in Bioinformatics was prepared by faculty members with the help of experts which was approved by RTM Nagpur University.

Following staff members attended subject related workshops / meetings for syllabi reformation and designing based on UGC guide lines.

Principal Dr.Ms. A.M.Bhate - Human development and Bioinformatics

Vice Principal Dr. C.V.Dhuley- Electronics

Mrs. C.P.Cholkar – Chairperson, BOS in Statistics.

Mr.P.S.Banait - Home Science (Chairman, BOS in education and extension)

Dr.V.R.Katoke - Home Science

Dr.J.S.Mandlekar - Home Science

Mrs.R.Kulat - Home Science

Mrs.M.M.Deshpande - Home Science

Dr.Mrs.A.S.Kulkarni - Bioinformatics

4. Interdisciplinary programs started:

During this academic year UGC sponsored Career Oriented Certificate Course in Bioinformatics was introduced which is of Interdisciplinary nature.

Department of English conducted inter active English speaking course for students of all disciplines.

5. Examination reforms implemented :

Being an affiliated college we follow the guidelines and procedure framed by RTM Nagpur University for conducting annual exams. However, remaining within the limits we attempt to introduce reforms. From time to time suggestions are given to Board of studies for incorporating the relevant issues. Apart from regular college examinations some departments conduct unit tests, give home assignments and mini projects. This helps in better evaluation of students.



The college has autonomy to run career oriented courses. This year for certificate course in Bioinformatics new examination reform was implemented. All the students were given separate question paper sets and after evaluation grades were allotted.

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

NIL

7. Initiative towards faculty development programmes :

A number of teachers from both Science and Home science streams have attended State/National level seminars, workshops & conference etc. Many of the teachers have also completed refresher / orientation courses in their subjects. This helps them to keep themselves updated with changing technologies.

Participation of staff members in Refresher / Orientation Courses

Name	Refresher Course	Orientation Course
Mrs. V.V. Rangari	10/12/2008 to 30.12.2008 Nagpur University	
Shri. P.W. Ambekar	03/02/2009 to 23/03/2009 Poona University	
Mrs. Shradha Deshpande	17/02/2009 to 18/03/2009 Nagpur University	Orientation Programme by UGC Academic Staff College, Nagpur.
	Ph.D. Registration	



Following staff members participated in Seminar / Workshop and Conferences conducted during the session

DEPARTMENT OF MICROBIOLOGY

I) Dr.Mrs.A.S.Kulkarni : Head department of Microbiology

- 1) Participated in UGC Sponsored National Seminar on “**Biotechnological Approaches in Cleaner Environment**” organized by Department of Microbiology & Biotechnology of Sevadal Mahila Mahavidyalaya & Research Academy, Nagpur. on 13th March 2008
- 2) **UGC Sponsored National Conference on Recent Trends in Biosciences NCRTB-2009**, Organized by Department of Botany, Zoology and Environmental Science at Govt. Institute of Science, Nagpur on 20th and 21st January 2009.

II) Mrs.A.A.Deo

- 1) UGC Sponsored National Seminar on “**Biotechnological Approaches in Cleaner Environment**” organized by Department of Microbiology & Biotechnology of Sevadal Mahila Mahavidyalaya & Research Academy. Nagpur. On 13th March 2008
- 2) **National Conference on Recent Trends in Biosciences NCRTB-2009**, on 20th & 21th January 2009. Organized by Department of Botany, Zoology and Environmental Science at Govt. Institute of Science, Nagpur



DEPARTMENT OF CHEMISTRY

I) Dr.Mrs.S.V.Dagaonkar, Head, Department of Chemistry

Attended

- 1) “National Seminar ECO+ on Industrial Ecology” on 8th Aug. 2008 at MOHTA Science College, Nagpur.
- 2) 3rd National Conference on **Thermodynamics of Chemical and Biological Systems** 16th and 17th Oct. 2008 at Dept. of Chemistry, R.T.M. Nagpur University, Nagpur.

II) Dr.Mrs.V.J.Aparajit Coordinator, Industrial Chemistry

- 1) Attended “Emerging Trends in Biodiversity Conservation” on 20th Sept. 2008 at Santaji Mahavidhyalaya, Nagpur.
- 2) “National Seminar ECO+ on Industrial Ecology” on 8th Aug. 2008 at MOHTA Science College, Nagpur.
- 3) 3rd National Conference on **Thermodynamics of Chemical and Biological Systems** 16th and 17th Oct. 2008 at Dept. of Chemistry, R.T.M. Nagpur University, Nagpur.

III) Dr.Mrs.V.S.Katkar

- 1) attended “Emerging Trends in Biodiversity Conservation” on 20th Sept. 2008 at Santaji Mahavidhyalaya, Nagpur.
- 2) “National Seminar ECO+ on Industrial Ecology” on 8th Aug. 2008 at MOHTA Science College, Nagpur.
- 3) 3rd National Conference on **Thermodynamics of Chemical and Biological Systems** 16th and 17th Oct. 2008 at Dept. of Chemistry, R.T.M. Nagpur University, Nagpur



III) **Dr.R.B.Lanjewar**

- 1) Attended “**University Level Chemistry Teachers Seminar**” on 28th Sept. 2008 at Sardar Patel Mahavidhyalaya, Chandrapur.
- 2) “**National Seminar ECO+ on Industrial Ecology**” on 8th Aug. 2008 at MOHTA Science College, Nagpur.
- 3) 3rd National Conference on **Thermodynamics of Chemical and Biological Systems** 16th and 17th Oct. 2008 at Dept. of Chemistry, R.T.M. Nagpur University, Nagpur.

V) **Dr.D.B.Jadhao**

- 1) Attended National Seminar on “**Relevance on Ambedkar Thoughts on Today's World**” by Dr.Ambedkar Teacher’s Association, Nagpur, on 16th Nov. 2008
- 2) National Seminar “**ECO+ on Industrial Ecology**” on 8th Aug. 2008 at MOHTA Science College, Nagpur.
- 3) 3rd National Conference on **Thermodynamics of Chemical and Biological Systems** 16th and 17th Oct. 2008 at Dept. of Chemistry, R.T.M. Nagpur University, Nagpur.

DEPARTMENT OF PHYSICS

This year Departments of Physics, Electronics, Statistics, Computer Science and Mathematics organized **DST** sponsored National Symposium on “**Nanotrends 2008,**” (Exploring the world of nanostructures for human welfare) was jointly organized on 27th September 2008 by. The purpose of the seminar was to provide multidisciplinary glimpses of the current scenario in Nano-Sciences. The event was a grand success due to the joint efforts of all teaching and non teaching staff of the five departments.



I) **Dr. S.K. Ubale:**

- Dr. Mrs. S.K. Ubale attended a two days UGC sponsored National Conference '**Recent Trends in Basic and Advanced materials – 09**' organized by Institute of Science, Nagpur on 10th and 11th January 2009 at VANAMATI, Nagpur.

II) **Dr. K.S. Moon :**

- Dr. K.S. Moon attended a two days UGC sponsored National Conference '**Recent Trends in Basic and Advanced materials – 09**' organized by Institute of Science, Nagpur on 10th and 11th January 2009 at VANAMATI, Nagpur.

III) **Mr. P.W. Ambekar :**

- Participated in a '**Project Genesis**' Global Skills Enhancement Programme conducted by Infosys BPO at Infosys, Pune during April 28 – May 11, 2008.
- Participated in National seminar organized by **National Instruments** on "**Industrial and Institutional Automation, and Control.**" on November 28, 2008

DEPARTMENT OF ENGLISH

Mrs.S.Deshpande :

- Attended UGC sponsored National Conference on "**Indian Attitude in the Works of Indian Writers in English**" on 19th September 2008 conducted by Santaji Mahavidyalaya, Nagpur.
- Attended UGC sponsored National seminar on "**Indian Ethos in Indian English Fiction**" on 20th September 2008 conducted by Kamla Nahru Mahavidyalaya, Nagpur.



- Attended the Second National & Sixth Vidarbha Regional conference of English Language Teachers Association of India (Vidarbha Chapter) on 10th & 11th January 2009, hosted by R.S.Mundle Dharampeth Arts & Commerce College, Nagpur.

DEPARTMENT OF STATISTICS

Dr. Mrs. A.V. Nasery: Published following Papers;

- “*Application of Failure Data Analysis for Reliability Modeling of Dragline System*” By Mr. P.V. Washimkar, Dr. Mrs. A.V. Nasery et al. In “Proc. of International Conference on Engineering Research and Advances in Mechanical Engineering”, ERA 2009, Velammal Engineering College, Chennai, 600066, Tamil Nadu, India.
- Paper accepted for publication: “*Empirical Determination of Reliability of Dragline System by Application of NHP Model*” In “IJERIA” – International Journal of Engineering Research and Industrial Applications”, Pune, India.

DEPARTMENT OF BOTANY

- **Dr.N.R.Ugemuge & Mr.P.T.Humane:** Presented a paper on Diversity of Leguminous plants in Bhandara district and New Additions in Rubiaceae of Bhandara district in XVIII Annual Conference of IAAT and **International Seminar on Multidisciplinary Approaches in Angiosperm Systematic**, organized by Department of Botany, Kalyani University, Kalyani (W.B.) on 11th to 13th Oct. 2008.



- Attended UGC sponsored National Seminar on “**Emerging Trends in Biodiversity and Conservation**”, organized by Department of Botany, Santaji Mahavidyalaya, Nagpur on 20th December 2008
- Attended UGC sponsored National Conferences on **Recent Trends in Biosciences** organized by Institute of Science, Nagpur on 20th and 21st January 2009)

DEPARTMENT OF ZOOLOGY

I) Dr. M.J. Dhongade :

- Participated in Meeting held by **HRD Ministry, GOI** for preparing the **Science Dictionary in Marathi language** at Dharampeth M.P. Deo Memorial Science College, Nagpur on 11, to 13 February, 2009.

II) Shri. S.C. Meshram :

- Attended Workshop on **Mushroom Cultivation** on 22 – 26 July 2008 organized by L.A.D. and Smt. R.P. College for Women, Nagpur.
- Attended National Seminar on “**Emerging Trends in Biodiversity Conservation**” on 20th September, 2008 organized by Santaji Mahavidyalaya, Nagpur.
- 3) Attended **National Conference on Recent Trends in Biosciences NCRTB-2009**, on 20th & 21th January 2009. Organized by Department of Botany, Zoology and Environmental Science at Govt. Institute of Science, Nagpur

8) Total number of seminars /workshops conducted :

National level – 1

In house – 15



DST Sponsored National Symposium “Nanotrends 2008”

(Exploring the World of Nanostructures for Human Welfare)

A National Symposium “NANOTRENDS” 2008 (Exploring the world of nanostructure for human welfare) was organized jointly by the departments of physics, electronics, statistics, mathematics and computer science On 27th September 2008.

The purpose of the symposium was to provide multidisciplinary glimpses of the current scenario in Nano Science and Nano Technology. **(Encl.-01)**

In House Seminars / Workshops conducted:

DEPARTMENT OF ENGLISH

The Department of English had organized two days workshop on “**Soft skills Development**” on 3rd and 4th October, 2008. The Resource persons were Mr. Sunil Kulkarni, INC, Nagpur and Mr. Milind Dawane, INC Nagpur. A power-point presentation and animated CDs got overwhelming response.

DEPARTMENT OF MATHEMATICS

On Birth anniversary of the Great Mathematician – Ramanujan, Department of Mathematic celebrated ‘**National Mathematics Day**’, on 22nd December 2008. Prof. Bachu Vyavahare, Ex-Head, Mathematics Department, Mohta Science College, Nagpur was the Chief Guest of the function. He spoke on Ancient History of Mathematics.

DEPARTMENT OF ELECTRONICS

- Prof. V.K. Deshpande, VNIT, Nagpur. spoke on **Career opportunities in Electronics** at the Installation of Electronics. Association for the year 2008-2009.



- Lecture competition for students of Electronics was arranged on 6th December 2008. Shri K.K Matte of B.Sc. III and Ku. M.B. Dukare of B.Sc. II were given prizes for best lectures from their respective classes.

DEPARTMENT OF CHEMISTRY & INDUSTRIAL CHEMISTRY

The chemical society “**ALCHEMY**” organized following activities.

- At the installation of Alchemy Society members a lecture by **Adv Aparna Panchabhai** was organized on the topic **Environmental Law** on Dt 10.10.2008.
- On 22nd December 2008, **Dr.R.T.Jadhao** Head Department of Chemistry RKN Engineering college presented a guest lecture on “**Air Pollution**”.
- “**Pearls**” a student’s souvenir was released in the month of Jan, 2009.
- A seminar on **Survey of industries in and around Nagpur** was held on 24th December, 2008 for students of Industrial Chemistry.

DEPARTMENT OF ZOOLOGY

Preparatory meet jointly organized by **Ministry of Human Resource Development**, Govt. of India and Department of Zoology for making **Zoology dictionary in Marathi** from 11th Feb. 2009 to 14th Feb. 2009.

A meeting of the experts in the subject Zoology was convened at the Department of Zoology from February, 11, 2009 to February 14, 2009. This meeting was organized in collaboration with **Commission for Scientific And Technical Terminology, Ministry of Human Resource Development, Govt. of India**, New Delhi Board for the preparation of Zoology Dictionary in Marathi. Following experts attended the meeting:

1. Dr (Ms) Asha Bhate, Principal, Dharampeth M.P.Deo Memorial Science College, Nagpur. Local Co-ordinator of the meeting.



2. Dr.P.G.Puranik, Ex-Principal and Director P.G.Deptt. and Research Academy, Sewadal Mahila Mahavidyalaya, Nagpur
3. Dr.R.G.Patil, Vice – Principal, Lal Bahadur Shastri College, Shivaji University Satara.
4. Dr.A.N.Sirsikar, N.E.S. Science College, Nanded
5. Dr.(Mrs) S.S.Mulmule, K.Z.S. Science College, Brahmni, Kalmeshwar.
6. Dr.M.J.Dhongde, Dharampeth M.P.Deo Memorial Science College, Nagpur.
7. Dr.A.D.Bobdey, Shri Shivaji Arts, Commerce & Science College, Akot, Dist. Akola.
8. Dr.A.P.Sawane, Anand Niketan College, Warora.

Mr. Ashok Selwatkar, Scientific Officer, Commission for Scientific and Technical Terminology, Ministry of Human Resource Development, Govt. of India, New Delhi, conducted the meeting.

The meeting was formally inaugurated at the hands of Hon'ble **Dr. S.J.Sahasrabhojane**, President of Dharampeth Education Society, Nagpur. The experts actively participated in the discussions so as to coin the appropriate term for the technical terminologies of Zoology in Marathi. It was a unique experience for all the experts for taking subject like Zoology to masses by making the terms available in our Regional Language – Marathi.

- ❖ During the academic session 2008-2009 Zoology department arranged **Self Government** programme for the students from 26th November to 5th December, 2008. For the self government programme, Dr. M.J. Dhongade (H.O.D., Department of Zoology) was the convener while students Javed S. Sheikh and Paresh Nageshwar were the co-ordinators. Ten students participated in the programme. Students themselves chalked out time-table. Regular valuation was done by the



teachers. All the students delivered their informative speech with full confidence. Self Government Programme was concluded by the Valedictory function during which awards were distributed at the hands of Principal.

Faculty of Home Science:

Various departments organized different programs for Girl students.

1. Diet exhibition

The students of Nutrition department organized **diet exhibition** for diabetic and heart patients. The importance of diet was explained to them. Mrs. Shewta Kholkute & Mrs. Kalpana Patankar who guided the students for preparing nutritive diabetic diet.

2. Lecture on Cancer awareness:

Home Science department and Indian Women Scientist Association, Nagpur branch jointly organized a lecture on “**Cancer awareness**”. Dr. Ajay Mehta, renowned Cancer Surgeon delivered an informative lecture and enlightened the students, teachers, non-teaching staff, parents of students and nearby residents. Cancer patients who were treated by the doctor narrated their own experiences and suggested suitable nutritive recipes for such patients.

3. Lecture on “Hello Diabetes :

Dr. Sunil Gupta, renowned diabetologist from Nagpur, delivered a lecture on awareness about diabetes. In his lecture he emphasized on early detection of diabetic disorder and stressed that ignorance regarding Diabetes and wrong food habits caused more problems.

4. A nutritional survey was conducted by final year students of Home Science Department under the guidance of **Mrs. Shweta Kholkute** at



various fitness centers and health clubs in West Nagpur during September to November 2008. The aim of the study was to find out the “**Role of Dietician in Health Clubs**”. Study gave satisfactory results. It was concluded that the dietician plays a vital role in educating the health centre clients to make them fit for the active work.

In house Workshop / Seminar / Guest Lectures for Girl students

Date	Event	Activity	Sponsored by /Name of the Guest speaker
10.09.2009	Work Shop	Dyeing of cotton, wool and silk	Pidilite Company
22.09.2009	Work Shop	Stain Glass Painting	Camlin Company
03.10.2008	Seminar	Soft Skill Development	Mr. Sunil Kulkarni
04.10.2008	Seminar	Soft Skill Development	Mr. Milind Devane
15.10.2008	Work Shop	Drawing and Sketching	Camlin Company
16.10.2008	Work Shop	Fashion Figure	
24.12.2008	Work shop for students of home science	Different styles and designs on dress forms by draping	Camlin Company

9. Research Projects:

- Newly Implemented **Three**
- Completed **Nil.**

10. Patents Generated: Nil.



11. New Collaborative Research Programmes: Nil.

12. Research grants received from various Agencies:

The total grant received from UGC for on going Minor Research Projects is Rs. 2,60,000/-

a. Department of Microbiology :

● **Dr. Mrs. A. S. Kulkarni:**

“Analysis of industrially important strain for metabolic & Physiologicals changes under earth’s gravity alterations.” (Grant received from UGC Rs.97000.00).

● **Mrs. A. A. Deo:**

“Electron microscopic studies and Cytological changes Induced by quaternaries in Nosocomial pathogens” (Grant received from UGC Rs 88,000.00).

b. Department of Botany :

● **Dr. N. R. Ugemuge:**

“Floristic Studies in Bhandara District Vidarbha region.” (Grant received From UGC Rs 75,000.00).

c. Department of Chemistry :

● **Dr. D. B. Jadhao**

Got sanction to carry out Minor Research Project on “Synthesis of newer Anti-Malarial Compounds.”(Grant sanctioned by UGC Rs 1,25,000.00).

13. Details of research scholars:

Being an Undergraduate college, this institution is not yet recognized as research centre where research scholars can be admitted for PhD degree. But some of the faculty members in collaboration with the University teachers guide the research scholars.



Dr. Mrs. A. S. Kulkarni Head, Department of Microbiology is guiding following research scholars:

- ❖ **Miss. Nasreen Jan:** Pharmacological screening of some Essential oils as antimicrobials of Uropathogens and study of cytological changes induced.
- ❖ **Mrs. A. A. Deo:** Electron microscopic studies and Cytological changes Induced by quaternaries in nosocomial pathogens.
- ❖ **Mrs. Sarita Parse:** Studies on Pathomorphology and alterations induced in biochemical and hormonal profiles in the air breathing Murrel *Channa striata* and evaluation of therapeutic efficacy of some plant extracts on them.

Dr. N. R. Ugemuge, Head, Department of Botany is guiding following research scholar:

- ❖ **Mr. Pitamber Humane :** Investigation of the medicinal flora of Bhandara District (M.S.)

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

15. Honors/Awards to the faculty:

1. Dr. Ms. A. M. Bhate Principal of the college.

- Invited as **Resource person** to deliver a lecture on “**Gender imbalance**” in orientation course at UGC Academic staff college R.T.M. Nagpur University, Nagpur – June 2008.



-
- Presented paper in All India Conference of Lady Lawyers on “**Female foeticide - a conspiracy of technology & patriarchy**” organized by Amolakchand college, Yeotmal. Dec. 26th 2008.
 - Invited as **Chief Guest** for the Biennial sports event organized by “Jingle Bell K.G. School Nagpur.” In Feb 2008.
 - Invited as **Chief Guest** to inaugurate social Gathering of Rai English School, Nagpur, Dec. 2008.
 - Invited as “**Guest speaker**” to deliver lecture on “Preparation for examination and how should be your answer book” at Dr. Babasaheb Ambedkar College, Nagpur in Feb. 2009.
 - Invited as **resource person** in the vocational training camp conducted for sickle cell anemia patients organized by Indira Gandhi Govt. Medical College, Nagpur March 2009.
 - Appointed as **setter and valuer** for P.G. Course (M.Sc.) in Zoology, summer examination 2008-09, Jai Narayan Vyas University, Jodhpur, (Rajasthan).

2. Mrs. A. V. Nasery, Department of Statistics.

- Awarded Ph.D. on the topic “**Sequential comparison of Treatments in controlled clinical trials**” by RTM Nagpur University Nagpur.
- Invited as the **Guest Faculty** in the workshop of “**Statistics and Six-Sigma**” organized by Department of Statistics



M.S.University Baroda , Gujrat State form 11-13 December , 2008.

- A member of quizzing team ‘**Stat-Storm**’.
- Delivered a Radio-Talk on All India Radio, Nagpur on “*Sociology in Nature*” on 17.5.2009.

3. Dhananjay Welukar, Head, Physical education department

- Awarded Ph.D. on the topic “**Analytical study of scholastic achievement, socioeconomic status and its relation to physical fitness components of adolescent boys.**” by University of Pune On 7th August 2008.
- Invited as a **Resource person** for panel discussion on “**Sports Pedagogy**” a seminar organized by Ishwar Deshmukh Sharirik Shikshan College, Nagpur.

4. Dr. Mrs. A. S. Kulkarni Head, Department of Microbiology

- Invited as **Guest of Honour** by St. Xaviers highschool MIDC Hingana branch Nagpur, on the occasion of **Investure Ceremony** held on 10th July 2008
- Invited as **chief guest** of Valedictory function of **UGC sponsored National Seminar on “Environmental pollution and its Impact on Ecosystem”**, Eco-justice 2008 organized by Department of Botany, Arts, Commerce and Science College, Koradi, Distt. Nagpur on 4th October 2008.
- **A member of Advisory Committee** on UGC sponsored National Conference on Recent trends in Biosciences organized by institute of Science, Nagpur on 20th and 21st January, 2009.
- **A member of Advisory Committee** on Eco-justice 2008 organized by Department of Botany ,Arts , Commerce and Science College, Koradi, Dist. Nagpur on 4th October 2008.



5. Dr. Mrs. J .S. Mandlekar Head, faculty of Home science,

- Appointed as **Examiner** by Bangalore University to examine two Ph.D. scholars in Recourse management.
- Appointed as **Examiner** by Sant Gadge Baba Amaravati University for M.Phil degree course.

6. Mrs. Ranjana Kulat of Department of Textiles,

- Appointed as **examiner** and valuer for PG courses in Textile by Sant Gadge Baba Amaravati University and Pt. Ravi Shankar Shukla , Raipur University.
- Member of R.T.M. Nagpur University's **LEC** in textile.
- Member of **Vigilance squad** during university examinations.

7. Dr. C. V. Dhule Head, Department of Electronics and Vice Principal was

- Invited as an **expert on the Advisory Board** of LAD College research Journal.(ISSN -0974-0317).

8. Mr.A.V.Badge, Librarian chaired one session of

- **“Library services in Knowledge Society”** the seminar organized by Indian Library Association and Nagpur University college Library Association at G.S.College of Commerce, Wardha.

9. Mr.N.P.Gaikwad of Department of Mathematics

- Completed M.Phil in Mathematics from Madurai kamraj University, Madurai.



10. Dr.Mrs.V.S.Katkar Department of Chemistry,

- Invited as **Guest speaker** at S.K.Porwal College, Kamptee on 5th Dec.2008 She delivered lecture on the topic “**Molecular Orbital theory for Complexes**”

11. Mr.Y.J.Rayalu Visits Vietnam

- Head of the Vocational Department Mr.Y.J.Rayalu was part of the high level Indian Delegation that visited Vietnam to participate in the Indo-Vietnam festival and the International Seminar at the Vietnam National University. He was the only person from Maharashtra. The delegation of teachers was led by the Vice Chancellor of Vishwa Bharti University **Dr.Karunasindhu Das**

At the Vietnam University, HANOL, Prof. Rayalu spoke on “**Challenges before the Third world countries in the era of Globalisation**”. Teachers of India and Vietnam also discussed about the dimensions of development in the third world countries in the back drop on increasing poverty in some of the countries. The delegation had the honour of meeting the **President of Vietnam Mr.Nguyen Minh Triet**.

In the heroic, Ho Chi Minh City, Prof. Rayalu interacted with the war veterans who fought bravely against the American aggression.

12. Ms.Vishakha Kaskhedikar Department of Sanskrit,

- Awarded M.Phil by Kavi Kulguru Kalidas University Nagpur



13. Dr.R.Pashine Department of Hindi,

- Invited as **judge for Hindi Debate** Competitions held at St. Xaviers highschool, MIDC, Hingana, Nagpur. (Nov.2008)
Dayanand Arya Kanya Vidhyalaya, Nagpur (Dec 2008).

14. Mr.P.W.Ambekar Department of Physics, I

- Invited as **guest faculty** to interact with the students of Std .IX and X at Saint Xavier High School, Hingana Road, Nagpur on 29th Jan. 2009.

16. Internal resources generated:

Internal resources were generated by

1. Providing consultancy in Bioinformatics.
2. The college is also generating good amount of funds every year by providing venue and conducting outside examinations like selection tests of various Banks and many other private and Govt. organizations.
3. Another source of fund generation in the college is the selling of admission forms and prospectus.

17. Details of departments getting SAP, COSIST(ASSIST)/DST.FIST etc. assistance /recognition - Nil

18. Community services:

To generate civic responsibility among students many activities like rallies, cleanliness drive in and around the town, blood donation camps,



interactive sessions related to social awareness were carried out through NSS and NCC units of the college.

1. Blood donation camp: Every year on 8th August, a blood donation camp is held in our college with the help Dr. Hedgewar Blood Bank in the memory of former Principal of the college Late Vinayakrao Phatak. This year the National service scheme was also inaugurated on this occasion. **Dr. Bhau Daydar coordinator NSS**, RTM Nagpur University inaugurated the programme. **Dr. Asha Bhate**, Principal presided over the function. Large number of NSS volunteers, staff of the college attended the program. In all 49 students and staff members donated blood during the camp.

2. Madhumeha Modem : A social awareness camp Madhumeha Modem was organized by Thote Hospital and Maheshwari Mandal, Akola, along with **Home Science faculty** of the college on 24th August 2008 at Maheshwai Bhavan, Akola. Health hazards arising in the human body because of diabetes were stressed by Dr. Prashant Jagtap – Cardiologist, Dr. Anand Pangarkar – Ophthalmologist, Dr. Dhananjay Ukhalkar – Urologist and Dr. Sunil Gupta – Diabetologist. These Doctors stressed on the need to educate masses so that they become aware of their health and well being. **Mrs. Kalpana Patankar** and Students of Home Science faculty worked hard for the success of the programme.

3. Tree plantation: Realizing the importance of cleanliness of the surrounding and protection of the environment, NSS volunteers participated in Tree plantation programme in the college on 10th August, 2008.



4. College campus cleaning: The programme was organized from 20th - 23rd September 2008 and also on November 18th 2008,

5. Rally: Students participated in “Ahinsa Rally” on 2nd October, 2008 organized by RTM, Nagpur University, Nagpur.

6. A lecture on Astronomy: A lecture on “Beautiful World of Stars” by Pramod Joshi of “Akashmitra Society” was organized for NSS volunteers on 29th November 2008. Around 50 volunteers were present for the lecture. Mr. Joshi gave very interesting information about the Solar system, Stars, Planets and Comets present in the universe. With the help of one software he even showed the phenomenon of partial occultation of the moon, Jupiter and Venus. The actual occultation phenomenon was observed on 1st December 2008 in the evening from the college ground. The Jupiter and the moon were observed through the telescope, which were made available by Pramod Joshi and his team. Also other staff members along with their families and **residents of nearby areas** enjoyed the sky gazing. Mr. Suhas Gurjar from Pune Amateur Astronaut Club voluntarily joined the programme.

7. Demonstration of a platoon attack: A live demonstration of a platoon attack was shown by our NCC Cadets (Boys & Girls) to the near by residents and college students on NCC day celebration. Students who participated were -

Sgt. Bipash P. Londhe, Cdt. Amey Diwekar, Cdt. Mahesh Motghare,
Ku.Deepa Wankar, Cdt. Ku.Rohini Kadu, Cdt. Ku.Bhagyashree Shelke
Cdt. Mohan N.Neware, Sgt. Kishor Parate.



♣ **Community Services offered by teaching staff:-**

Dr. Mrs. A.V. Nasery department of Statistics is a Member of “*Teach India Movement of Times of India*”: teaches Languages, Mathematics, Origami to the under privileged students in Vasant Rao Naik Vasahat, Near Sarvodaya Ashram, Dharampeth, Nagpur

Prof.P.R.Shende Department of physics is founder member, Trustee and Treasurer of registered NGO “**Research and Development Association of India**”. It is a charitable organization which is helping poor needy and desiring college students by providing them free of cost lodging and boarding facility through hostels (Krutadnyata) situated at Nagpur, Kamptee and Butibori.

The Government of Maharashtra has allotted one acre of land near Butibori, Nagpur for **rehabilitation of handicapped students** where they are given training to earn their livelihood.

Dr. N.R.Ugemuge Head, Department of Botany is founder member, Trustee and Treasurer of registered NGO **Vidarbha Nature Conservation**. This organization works in the field of environment at various levels. The project undertaken are Biodiversity Conservation and non timber based livelihood in 125 villages of Nagpur district involving local people.

He is also member of NGO Dharamitra **of Wardha**. The organization mainly carries out activities related to Honey bee rearing techniques and Ecotechnology.

Dr.Mrs.V.R.Katoke Department of Microbiology is a member of “**Geeta Sanskar Kendra**” since last three years. The activities carried out by Kendra for slum children are –

- 1) Awareness about personal health and hygiene,
- 2) Suryanamaskar,



3) Recitation of “Bhagwad Geeta”.

♣ This year **teacher unit of the college** offered financial help and supplied text books to the students of “**Balsadan**” an orphanage run by Paranjape school, Nagpur.

♣ Students have been regularly **donating blood in blood donation camps** organized by various organizations.

KAUSHAL - A Vocational Training program for dropouts organized in collaboration with Rotary Club Nagpur.

A large section of the society is unable to pursue higher education due to many constraints. These School/College drop outs need some kind of vocational guidance to settle in life.

Dharampeth Science college took up the work of empowering these school / college dropouts by imparting them vocational training. The training programme is named, KAUSHAL which means proficiency. The aim of the Training programme was to equip the young boys and girls with some vocational Proficiency which will enable them to enter the new world with skills needed to sustain in the industry.

The Principal of the College was the Chief Patron of this Training programme, While **Shri Yugal Rayalu** , was the Director of this Programme. For each of the Discipline a coordinator was appointed. Teachers of this college and from other colleges worked as guest faculty for various topics of their field.

The Rotary Club of Nagpur came forward to sponsor the cost of training. A coordination committee was formed to take care of the



training. Prof. Yugal Rayalu and **Rita Aggarwal** designed the training module which was approved by the joint monitoring committee.

One Hundred students appeared for the interview out of which 85 were selected. Sixty four of these completed the training.

Vocational Training was imparted in the following disciplines:

1. Beauty Culture
2. Computer Hardware maintenance
3. Electrical Repairing and maintenance
4. Electronics Repairing.

Following components of training were included:

1. Technical Theory
2. Practicals based on the theory taught
3. Soft Skills Development
4. Business Skills
5. Health and Hygiene

The first training programme was inaugurated on 27th of July 2007. Editor of English Daily, **The Hitavada, Mr. Vijay Phanshikar** was the chief guest of the inaugural function. The training programme concluded after a training of **150** hours in 50 days.

At the end of the training programme each student who completed the training successfully was awarded a Certificate and a grade sheet. Hon' ble **Dr.S.J.Sahsrabhjane** President Dharampeth Education Society, presided over the valedictory function.

19. Teachers and officers newly recruited:

College management has recruited teachers on the recommendations of the Selection Committees in accordance with the norms prescribed by the UGC, and the State Government. The college also recruits from time



to time appropriate number of teachers on temporary basis, who are also selected as per the U.G.C norms. The institution has an inbuilt mechanism to respond to the suggestions, complaints, and grievances of the students in reference to teaching-learning processes and support facilities.

Newly Recruited Teaching Staff

Principal Dr (Ms)A.M.Bhate

Regular Courses: 07 temporary

Self Financing Courses: 05 temporary

20. Teaching –Non-teaching staff ratio:

The ratio is: 35:57

21. Improvements in the library services:

The library is equipped with a computer and internet facility. The Central library has a collection of **14148 books**, and it subscribed for **11 news papers** and **16 new journals**. Books of competitive examinations are made available to the students. Library is updated with the Books & Journals from time to time. Book Bank facility and Deposit scheme is also available for students.

Libman software was introduced for cataloging, accessing and other library use. Internet section facility was introduced for teaching and non teaching staff. Books relating to different **competitive examinations** for career/service, general knowledge and other documents are separately available for consultation only in the reading room.



● Library started **Newspaper Reference Desk** for Students where everyday newspapers like Loksatta, Maharashtra Times and Times of India are displayed.

Employment News, India Today, All India Appointment Gazette, Competition Success Review. are also displayed.

The Library committee supervises regularly all the routine matters of the library and conducts a meeting bi-monthly or quarterly for the development of library services

● A new Service “**Aajache Pustak**” started from this year. We display one book on the Notice Board and also the contents of the books are mentioned on the Notice Board so students can come to know the relevance of that book.

Other activities of the Library include -

- ♣ Regular display of new books.
- ♣ Display list of newly added books.
- ♣ Taking suggestions from students for new books
- ♣ Providing Reference and Referral Services to the students for their Project Work.

22. New books and journals subscribed and their values :

1. Number of new Books added to the library is 275 and its value is **80,142/-**

2. 36 new Journals are added and its value is **48,000/-**

3. Number of new newspapers subscribed is 10 and its value is **35,000/-**

Previous subscription of current journals is continued.



23. Courses in which student assessment of teachers is introduced and the action taken on student feed back:

Annual evaluation of teaching and non teaching staff is done by final year students. On the basis of the feedback generated necessary action is taken by the Committee dealing with the feedback.

At the end of academic session appraisal reports of teaching and non teaching staff is taken. from the respective Heads of the departments. While yearly performance of the heads of the departments is documented by Principal

24. Unit cost of Education:

Unit cost of education including salary component is Rs. 53922/-

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

To keep pace with the changing time it is important that one need skills to meet the challenges of the present day of globalization. Thus up-gradation is carried out through the computerization in various fields of administration. The process of admission and examination, results, issuing of certificate, etc, is done through computerization. Computers are provided to the administerial staff and all the departments. Separate computer terminals are installed in the office to maintain Accounts, Student's record, Records of number of students who filled-up examination forms and general administration.

26. Increase in the infrastructural facilities:

This year the college has augmented its infrastructure. Some of them include -



1. Renovation of Principal's cabin and office.
2. Establishment of Bioinformatics laboratory with high speed internet facility.

Face lift of campus by:

3. Construction of compound wall
4. Flooring of pavement.
5. Drinking water facility has been elaborated.

27. Technology up gradation:

1. Additional computers and printers were purchased for the office.
2. Eight computers, a Laptop and printer were purchased for Bioinformatics course.
3. LCD and digital camera were purchased for auditorium.
4. Under UGCs Minor Research Project in the Department of Microbiology following instruments were purchased.

. Advanced Research Microscope with Microphotography camera

. Orbital Shaker

. Autodisc Dispenser

5. Acoustic system was upgraded in the faculty of Home science.
6. Most of the departments are provided with internet facility.

28. Computer and internet access and training to teachers and students:

All the students and teachers have access to internet facility through UGC Network Centre. Also Internet facility for teachers and students is made



available in college library, Computer Science Department and all other departments.

29. Financial aid to students:

Financial aid to the students is made available through various scholarships and Concessions. Meritorious students can get financial help in the form of 'Merit scholarship'. There are two major Government scholarships. Concessions such as EBC and PTC are also made available to the students. Students are also aided through departmental prizes. Financially poor students are also provided with free books from "Book bank" of the college central library.

GOI SCHOLARSHIP

Sr.No.	Cast	Number of Student	Amount
1.	OBC	166	3,84,155/-
2.	SC	124	3,65,680/-
3.	NT	40	72,745/-
4.	SBC	13	22,825/-
5.	ST	20	48,305/-

CHHTRAPATI SAHU MAHARAJA SCHOLARSHIP

Sr.No.	Cast	Number of Student	Amount
1.	SC	56	1,51,800/-
2.	NT	19	51,000/-
3.	SBC	08	19,800/-

**OPEN MERIT SCHOLARSHIP**

Number of Student	Amount
32	14,400/-

OTHER SCHOLARSHIP**NATIONAL MERIT SCHOLARSHIP (NCRT)**

Number of Student	Amount
4	24,000/-

30. Activities and support from the Alumni Association:

The college has Alumni Association “**Harmony**”. The Alumni takes active interest in felicitating meritorious students, providing guidance to the students and give suggestions from time to time.

This enlivened and strengthened the organization to function more effectively.

31. Activities and support from the Parent-Teacher Association and its activities:

There is parent-teacher association. College receives good amount of co-operation from parents, so that the College finds no major hindrances on the road towards achieving its goal.

32. Health services:

Physical Education Department of the college arranges health check-up camp for the students. Medical inspection is conducted for all the students under the



supervision of Dr. Avinash Deshmukh and Dr. Mrs. S.S. Bhelkar. The services of these Doctors are available to the students as and when required. In case of emergency NMC's Indira Gandhi hospital and Wockhardt hospital is available to the students.

33. Performance in sports activities:

Our college is honored by Rashtrasant Tukdoji Maharaj Nagpur University by allotting the conduct of **“Youth Commonwealth Games Baton Relay”**. The Baton Relay was conducted by our college on 24th September 2008 at 3.00 P.M.

Many athletes of National & International repute, Shri Shiv Chhtrapati award winners, different schools and college band and cultural activities groups, Air Force Police squad, Band squad of Police, Military department, different sports clubs and their athletes / Players, all the college students and staff members participated in this mega event.

During the inauguration the Baton was brought in college from Ambazari lake. The Baton was then taken to the roof of the college which was brought down to the inaugural ceremony place using Valley crossing (Rope) technique by one of the students of Adventure club.

After formal Inaugural and best wishes giving ceremony the Baton was taken by road to the R.T.M. Nagpur University premises where concluding program and Best wishes program was held. During the inauguration, cultural program by the participants and college students was performed, students of the college prepared nearly 600 posters on the theme of the Youth Commonwealth Games – **“Save Tiger” and “Green Games”**, Petals and flowers were also showered on the participants from the remote controlled aircrafts.

Procession of Horses, Elephants and Camels along with 4000 participants accompanied the Baton from our college to the venue of concluding function the colorful procession was highly appreciated by the



organizing committee of Youth Commonwealth Games program committee members and the Nagpurians.

Youth Commonwealth Games were conducted in Pune from Oct. 12 to 18, 2008 and on the same lines of Olympic torch relay this Baton relay was organized which covered 8000 Km distance covering 6 states of our country in 72 days before finally reaching to the venue of the games.

Achievements in District / National Level Sports Competitions.

- ▶ In the year 2008-09 college teams participated in Volleyball, Basketball, Kho-Kho, Kabaddi, Cross Country, Athletics, Badminton, Football, Table Tennis, Cricket and Swimming Competitions organized by Rashtrasant Tukdoji Maharaj Nagpur University.
- ▶ Cricket, Football and Volleyball, Basketball teams of the college also participated in Punjabrao Deshmukh Krida Mahotsava. In this championship our college cricket team played up to semi final.
- ▶ Athletics Relay (Men team of the college was qualified for finals of Relay race of Annual Athletics Meet of Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur.
- ▶ **Keshav Sharma**, B.Sc. II student of our college was selected in the Nagpur University Basketball team who participated in the **Ashwamedh 2008** held at Pahuri, West Zone Inter University Basketball Championship held at Jaipur. The team on the basis of performance in West Zone tournament was qualified for **All India Inter University Basketball Championships scheduled at Chandigarh** from 12th January, 2009.



- **Aditya Gogte**: Selected for National Level Flute competition.
 - **A.Sonekar** represented Maharashtra State in 5th open National Taekwondo competition held at Hariyana.
 - **Aditya Kakpure and Amod Apte** represented Nagpur district in Maharashtra State Level Chess competition and won 2nd & 4th position.
 - **Ms.V.Joshi** secured 2nd position in open side Rifle shooting.
 - **Mr.S.Thakre** won Nagpur district level Taekwondo competition.
-
- ▶ College Table Tennis boys team won state level Table Tennis competition.

 - ▶ College handball team (Boys) won district level handball match at Armori dist. Gadchiroli.

34. Incentives to outstanding sportspersons. :

Encouragement for participation in sports is done by awarding best sports persons and according to University ordinance No.24 , the incentive marks are given to best sports persons. Best sportsman and sportswoman are felicitated on 26th January. University players blazer's cost is borne by college and track-suits are given to them.

35. Students achievements and awards:

SHINNING STARS OF THE COLLEGE:



**I. Students Securing 90 % and above marks in H.S.S.C. Examination
2008**

1) Johrapukar Ketki	95.00 %
2) Gupta Piyush	94.17 %
3) Chodvadiya Binal	93.67 %
4) Kurup Mahendra	93.67 %
5) Chhaurasiya Nakul Kumar	92.83 %
6) Dhanorkar Shardul	92.67 %
7) Mehar Vikrant	90.50 %
8) Sardeshpande Abhishek	90.33 %
9) Suryavanshi Puja	90.17 %
10) Verma Diksha	90 .00%
11) Dhodapkar Saket	89.50 %

II Result: Science: 98.13 %
Home Science & MCVC: 100 %.

III Sports Talent Search Scholarship:

1) Mr. Anand Khurad	Rs. 6600/-
2) Mr. Aniket N. Pande	Rs. 6600/-

IV) N.C.E.R.T.

Scholarship

1) Ravi Agrawal	XII	Rs. 6000/-
2) Wadi Chaitanya	XII	Rs. 6000/-
3) Muley Sachin	XII	Rs. 6000/-



OLYMPIAD - 2008 - 09

1) ANAY AVINASH JOSHI - XII

A) AMIT - Examination - All India first

B) Selected for international Mathematics Olympiad Examination –

2008

- ▶ Cleared INMO (Indian National Mathematics Olympiad) and secured AIR: 7
- ▶ Topped in the examination by AMTI (Association of Mathematics Teacher's of India).
- ▶ Qualified to appear for Indian National Astronomy Olympiad & Indian National Physics Olympiad.
- ▶ Represented College in Table Tennis tournament & reached up to State Level.

▶ **For securing First position amongst the students of Vidarbha in IIT JEE AIR – 48**

2) SIDDHESH VIVEK WAGH - XII

Awarded **KVPY** – Kishor Vaigyanik Protsahan Yojna, Fellowship to pursue education in Basic Sciences.

3) ABHINAV AVINASH CHIKHALKAR – XII

Selected for international Astronomy Olympiad Camp.

4) SMITA S.PATIL - State rank 86

IMO - International Mathematics Olympiad 2008

**Endowment Prizes for Senior College 2008-09**

Sr.No	Prizes	Eligibility	Name of Student
1.	Prof. Vishwas Lapalkar Prize	Max. Marks in B.Sc. III	Neha Patil
2.	Late R.J. Kolhekar Memorial	Max. Marks in Maths in B.Sc.III	Neha Patil
3.	Late Gunwant Laxmikant Chati Memorial	Max. Marks in Maths in B.Sc. III	Neha Patil
4.	Late Bapurao & Saraswatibai Vaidya Memorial	Max. Marks in Maths in B.Sc. III	Neha Patil
5.	Late Milind Kubade Memorial	Max. Marks in B.Sc. I B.Sc. II B.Sc. III	Luptahansa Selokar Kiran Prachand Neha Patil
6.	Late Smt. Kamlabai Deshpande Memorial	Max. Marks in B.Sc. (Ho.Sci.) III	Pallavi Dharmik
7.	Late Smt. Indirabai Konher Memorial	Max. Marks in B.Sc. (Ho.Sci.) III	Pallavi Dharmik
8.	Late Madhur Shrikant Dahake Memorial	Max. Marks in B.Sc. (Ho.Sci.) III	Pallavi Dharmik
9.	Late Bapurao & Saraswatibai Vaidya Memorial	Max. Marks in B.Sc. (Ho.Sci.) III	Pallavi Dharmik
10.	Late D.B. & Kamalabai Palsokar Memorial	Max. Marks in Chemistry B.Sc. I B.Sc. II B.Sc. III	Renuka Yadav Paresh Nageshwar Neha Patil
11.	Late D.b. & Kamalabai Palsokar Memorial	Max. Marks in Industrial Chemistry B.Sc. III	Radhika Deshpande



Miss Priya Jinturkar from **faculty of Home Science** was awarded Late Smt. Kamlabai Krishnarao Thakur Memorial Prize by R.T.M. Nagpur University, for obtaining the highest marks in the subject “Marriage and Family Relationship” (Human Development.)

Achievements of Students in Co –Curricular activities

The college aims at integral development of the students through various co-curricular activities. Students who excelled in various activities include :-

- 1) **Ku. Priyanka Joshi** B.Sc.III (CZM) :
 - Received second prize in Essay Competition in Marathi organized by Sevalal Mahila Mahavidyalaya, Nagpur.
 - Received 1st prize in Essay Competition in ‘Jashna 2008’, an Inter-College Cultural Fest organized by Hislop College.
 - 2nd prize in Essay Competition organized by the Forest Department, Govt. of Maharashtra on occasion of wildlife week 1st to 7th Oct. 2008.
 - Participated in inter college article writing competition organized by INC college.

- 2) **Ku. Sneha Tiwari** B.Sc.III (CZM) :
 - Won second prize in Ku.Madhur Shrikant Dahake Inter Collegiate Elocution Competition organized by Dharampeth M.P.Deo Memorial Science College, Nagpur.
 - She also won first prize in Debate competition organized by Hislop College, Nagpur.



3) Ku.Abhilasha Wakdot B.Sc.III (CZM) :

- Won second prize for the Debate competition organized by District Sahakari Board Limited, Nagpur in collaboration with State Bank of India Employees Co-operative Credit Society Limited, Nagpur.
- She also won first prize in District Level Inter Collegiate Debate Competition organized by Hislop College, Nagpur on 17th September 2008

4) Mr.Paresh V.Nageshwar B.Sc.III (CZM):

- Participated in inter-collegiate article writing competition conducted by ICFAI, and received award along with participation certificate.
- Participated in inter-collegiate Essay competition conducted by “Sevadal Mahila Mahavidyalaya” Nagpur.

5) Mr.Javed Sheikh B.Sc.III (CZM):

- Participated in Article writing Competition of INC college and received “Active Participant reward”.
- Won 2nd prize in Essay competition organized by the English Department of the College.

6) Ku.Renuka Nagpurkar B.Sc.III (CZM):

- Participated in Essay writing competition organized by Hislop College “JASHN 2008”.

7) Alkesh Bansod and Nitesh C. Pande (B.Sc. I)

- **Attended University** level NSS camp from 21st to 30th December 2008 at Hingana (Kanholibara).



NCC

SUO. Mrutunjay Tiwari and JUO Satyaprakash Sing of the college attended

Army Attachment Camp at Ahemadnagar : and National Adventure Camp at Assam

Cdt. Ku. Madhu Sakalwade B.Sc.II from 2 Mah. Air Sqn. NCC Nagpur attended **PRE-R.D. CAMP**, at Hyderabad House, Nagpur and was judged **second** in the Drill-Competition.

Cdt. Navin Kumar H. Yadav, B.Sc. Part II, 2 Mah. Air Sqn. NCC, Nagpur attended;

- Annual Training Camp held at CRPF, Nagpur.
- He represented Nagpur Division in Pre-RD parade held at Mumbai and shown a skill in preparing unique Aero models of various crafts.
- A very rare achievement by this cadet is that he **was selected to present his Aero model in Republic Day Parade, New Delhi.**

Participation in Intercollegiate Seminar/ Quiz and Drawing Competitions.

Sr. No.	Name of the Students	Event	Hosted by	Award
1	Nikita Nema B.Sc.III (CZM)	Intercollegiate Seminar	LAD College	Consolation Prize
2	Anuradha Gulkar (CZM)	Intercollegiate Seminar	LAD College	Consolation Prize
3	Ankita Purohit Harshala Puranik Bhawana Bondre	Statstorm – Intercollegiate Quiz Competition	Hislop College	Runner-up



4.	Devyayani Chaudhary XI	Madhur Dahake Smruti Inter-collegiate Drawing Competition	Dharampeth College	First Prize
5.	Kunal Mate B.Sc.II (PME)	Madhur Dahake Smruti Inter-collegiate Drawing Competition	Dharampeth College	Second Prize

36. ACTIVITIES OF THE GUIDANCE AND COUNSELLING CELL :

Counselling service is made available on all working days. Students with behavioral problems and those who need moral support and backing are identified and helped in counselling cell. The counselling cell also help the students to help themselves to change there attitude and to get deeper knowledge of self and self awareness.

Career Guidance Cell brings to the notice of the students various avenues open to them for building up suitable career.

Advertisement offering job opportunities and information regarding different careers is displayed on the general and library notice board. The committee looks after the specific inquiry about the jobs and see that the candidate becomes competitive in all respects for their examinations and interviews. In addition to these, lectures by experts are arranged to guide the students making it easier for them to identify their aptitude and help them to select a particular field and to pursue a specific career.

► A seminar was arranged on **Careers and opportunities in Information technology** by faculties of NIIT Nagpur on 7th Aug. 2009 .



Guidance was given on availability of various quality training programmes by **career forum** on 25th Aug. 2009.

Dr. D.B.Sawarkar department of Zoology (Jr.) along with his team of teachers from other Colleges conducted a lecture to guide the students of our college for joining various **National Level Olympiad and other related competitive examinations**. This year 27 students from our college appeared for these examinations and many of them qualified scoring high ranks.

This year we have started **Mentor System** which functions at students level and counsel the students regarding the personal as well as career problems.

37. Placement services provided to students :

The members of placement committee guide the students for placements.

Letters from various companies and institutes looking for suitable graduates are displayed on the special notice board '**Grab It**'. Also campus interviews of various companies are arranged.

In this academic year reputed multinational corporates like **WIPRO BPO, TATA Telecommunications and Hughes India** conducted campus interviews and selected suitable candidates. Eighteen of our students were selected.

Lectures organized by the Training and Placement Cell :

1. A lecture on "MBA, money, career and status" was organized on 21.07.2008 by the Resource person from Pro C.
2. HCL organized "Career opportunities in IT" and Technical workshop for the students of final year on 22.07.2008.
3. An informative seminar on "Job and Business opportunities" for MIHAN was organized on 18.12.2008.
4. S. Technologies organized a lecture for students of Electronics on "Analog, IC and System Design" on 19.12.2008



38. Development Prorammes for Non-Teaching staff:

- A Health check-up camp was organized for the Non-Teaching staff to release stress.
- Yogasanas were also taught to them.
- **Mrs.Usha Jambhore and Mr.Nirav Bhalerao** both Jr. Clerks from the office completed MS-CIT course.

39. Healthy practices of the institution:

To provide an excellent academic environment and to impart quality education to the students, the college encourages the following **healthy practices from this year,**

- During the discussions in the staff meetings, Parent-Teacher association and even with students, we felt **Mentor System** can be adopted in the college. We have allotted a group of 25-30 students to each teacher. The teacher has to take meetings, collect information about the family background, personal background of students and give personal counseling, if needed, to the students. We are happy to mention that the students responded very well for this system. Even teachers are happy and have opted to continue the system further for next year.
- We conducted **Medha Samskar** training programs for our Junior College students. This will help them to concentrate in their studies, increase memory etc. We found the training really good and will have it for all classes from next year.
- Inaugural lectures were arranged for First Year .B.Sc. and XI students on the opening day of the college to explain them the rules, regulations and facilities provided to them with the use of audio-visuals.
- Student's problems were discussed in **Students Council Meetings**. Decisions related with planning, coordination and execution of extra curricular activities were taken through Students' council.



- **Defaulters list** prepared by attendance committee was put up by the end of every academic session and the parents were informed. Further lists were prepared in October and January. Improvement in their attendance for second term was observed.

- Each teacher prepared **teaching plan** at the beginning of the year and efforts were made by all to complete the syllabi accordingly.

- **Departmental meetings and Meetings of Head of the Departments** and

the meetings of various committees were conducted as per the Calendar prepared by the college at the beginning of the academic year, to update the overall performance and to discuss the problems if any.

Staff Council

In recognition of the contribution made by our teaching and non teaching staff members who are retiring, Staff council honors them through farewell functions.

- This year following retiring staff members were felicitated

Dr.A.R.Aipatwar Ex.Principal,

Dr.V.L.Kajale Vice-Principal,

Dr.J.Kulkarni of Jr. Chemistry department,

Mr. A.S.Joshi Head Department of Physics and

Mr.P.Joshi (Lab.Asst.– Physics).

- Through staff Academy we felicitate the staff members who have achieved excellence in their field or in the society.



Women's cell:

Women cell monitors activities and needs of the women community of the college. This year Women cell arranged a lecture on “**Gender Discrimination**” on 7th August 08. by **Dr. Yashwant Deshpande**, former president of IMA In his lecture he emphasized on female foeticide issue in our country. He also explained in a very interesting way, how women are physically and mentally stronger than men due to double **X** chromosome in the nucleus. The talk depicted the achievements of women in various areas. The students and the staff members attended the lecture in large number. The talk was highly appreciated.

- Women cell organized a lecture on “Nutritional Diet” by **Dr. Mrs.M.Haque**. She explained to the students in a very innovative way, the importance of various nutrients like Iron, Calcium, Proteins in our diet and the way we should develop our food habits to live a normal and healthy life. She agreed to give another lecture in continuation to previous one and thus there were two lectures on the topic. All the students were very much impressed by her lecture.
- A lecture on importance of ‘**Yoga in daily life**’ was delivered by **Mrs.Muley** of J.S.Yogabhyasi Mandal Nagpur on 9th March 2009.

Library Club "Friends of Library"

Friends of Library Club have organized a **Book Exhibition** in our College. The exhibition was mainly for the college, students, to create awareness about Library Collection and to get familiar with the different types of sources available in the library to up date their knowledge. Large number of students and staff members of the college visited the exhibition.



On the Occasion of Sanskrit Din - a drawing competition on the theme **Shrimad Bhagwat Puran** was organized for college students. Following students were adjudged best.

- Mr.C.Bhonde 1st Prize.
- Mr.K.Matte 2nd Prize.
- Ms.M.Tembhare 3rd Prize.
- Ms.Priyanka Joshi 3rd Prize.

Science Corner activities:

To encourage the students to take pure science / basic science as their career, we thought that participation of students in research projects will be of a great help. This helps to inculcate the research habit, aptitude, attitude and analytical mind that helps the students in their future life. This is the first successful year of this Endeavour as we are getting fantastic response from the students. This year we received many **mini research projects** from students from various departments. Our staff members are also equally research-oriented and enthusiastic in guiding them.

Magazine Committee:

For the magazine committee Student Members and Student Secretary were selected in July 2008. Throughout the year the wallpapers were displayed based on certain themes like poems, essays and articles on topics like bomb blasts, social issues, social discourse etc. Cartoon competition, short- story competitions were arranged through this committee. The cover page competition was also organized for our college magazine, **Asmita**.

College Calendar:

- Dates of college Examination.
- Dates of admission for B.Sc. Courses
- Dates of Conferences, Workshops and Seminars.



Extracurricular events-

- Annual Sports and cultural event
- Committee meetings-
- Principal with H.O.D. meetings
- IQAC meetings
- Principal-Management meetings
- Library committee meetings
- Student council meetings
- Local managing committee meetings
- College managing committee meetings

Short excursions:

Department of Botany

Most of the sites visited in these excursions are related to the theory portion in the syllabus. Hence students get a very good experience and understanding of the subject when they go for such excursions. The actual habitat can be understood only when it is seen in person. Like for Botany excursion students could see the different herbs, shrubs and trees etc. This year **Department of Botany** organized a Botanical Excursion to Lakha Patel (Chandpur) a dense forest region in Bhandara district on 13th December 2008. During this study tour Dr.N.R. Ugemuge and Mr.P.T.Humane guided the students about the flora and their natural habitat. This creates the interest among the students about the plant diversity and conservation of the region



Industrial visit by Department of Industrial Chemistry:

The Industrial visit to ‘S.P.Plastics’ Hingana MIDC, Nagpur was organized on 20th December 2008 by department of **Industrial chemistry**. All students of Industrial Chemistry and two faculty members participated in the visit. Our special thanks to Shri Mahan for his keen interest in explaining the plant operation and in generating interest among the students about the working of plastic industry.

STUDENT’S COUNCIL ACTIVITIES:

Students Council Activities of the year was packed with multi-pronged activities such as academic, nonacademic and community development programmes.

Student’s Council of the college for the academic year 2008-09 was constituted on 21st August 2008 as per Maharashtra University Act, 1994. The students from general Science faculty and Home Science faculty were selected as members of student’s council. These members are also called as “Student’s Representative” for the year 2008-09. The councils were formed with the following members:

ACADEMICS:

- Kiran Prachand B.Sc. III (PME)
- Luptahansa Selokar B.Sc. II (CZM)
- Leena Deshmukh B.Sc. I (E.COM)
- Shweta Gaurkar B.Sc. III (H. Sci)
- Neha Tilwar B.Sc. II (H. Sci)
- Shraddha Sharma B.Sc. I (H. Sci)



N.S.S.:

- Kunal Matte B.Sc. III (PME)

SPORTS:

- Ankur Shreshtha B.Sc. III (PME)

N.C.C.:

- Dipti Tete B.Sc. III (PME)

CULTURAL ACTIVITY:

- Priyanka Joshi B.Sc. III (CZM)

LADIES REPRESENTATIVE:

- Jahnabi Goswami B.Sc. III (CBM)
- Kalyani Urkude B.Sc. III (CZM)

First meeting of the college student's council was held on 25th August 2008 at 11.30 a.m. **Ku. Priyanka Joshi** B.Sc. III (CZM) was elected as **President** of the College Student Council.

Programme organized by the Student's Council:

Independence Day: This year the flag hoisting was done at the hands of newly appointed Principal of the college **Dr.(Ms)A.M.Bhate**. On this day blood donors who donated blood in Blood donation camp organized by the NSS unit of the college on 8th Aug, 2008 were felicitated by giving Certificates and T-shirts.

Teacher's Day: Teachers Day was celebrated on 5th September 2008 Teachers were felicitated by the students. The drama "AMHI



CHALAOO PUDHE HA VARASA” was also presented by the students which emphasized the importance of the teachers in a student’s life. Principal Dr.(Ms). A.M. Bhate and all the teachers of the college were felicitated on this occasion. Students spoke on Dr. Sarwapalli Radhakrishnan’s life and works. One Act play on today’s education system was presented by Ms. Priyanka Joshi, Mr. Kiran Prachand and others.

Health Camp: Free Health check-up camp was organized for the teaching and non-teaching staff on the “Teacher’s Day”. The team of doctors and pathologists came from Unisearch-CD. **Dr. Anand Kate** and his team members Mr. Harshwardhan Wankhede and Mr. Sunil Kinge worked hard for the success of the camp.

Baton Relay and Poster Competition :The Baton Relay Programme was held at the college premises on 24th September 2008. The poster making competition was organized by the student’s council on the theme “Save Tiger and Tree”. Nearly two hundred posters were submitted by our college students.

Late Madhur Dahake Inter-Collegiate Drawing and Debate Competition was organized by the college library on 13th October 2008. The student’s council was also part of the organizing committee who worked as volunteers.

English Week was celebrated from 3rd Dec. 2008 to 10th Dec.2008 in which students were motivated to talk in English.



SPHURTEE - 2008 Sports and Cultural events :(26th to 30th Dec 2008). The event was inaugurated at the hands of Principal **Dr. Ms. A.M. Bhate**. The students of the college recited the song “Jayostute....” and Mr. Vinay Modak presented a patriotic song.

The following programmes were organized during the Sports and Cultural events:

On 27th and 28th December 2008 various out door and in door games were organized such as Cricket, Carom, Volleyball, chess, etc. Rangoli, competition, flower arrangement, salad decoration and quiz competitions were also organized, in which teaching staff participated with enthusiasm.

Full day cultural programme was organized on 29th December. The programme started with Drama on “Ill Effects of Terrorism” followed by singing competition “Swarashree”. A drama “Vitthal to Ala Ala” written by P.L. Deshpande and directed by Mr. Vinay Modak was presented before audience. A dance competition ‘Rock On’ was also held.

Student Council. Organized ‘Personality Contest’. on 30th December 2008, Mr. Yugal Rayalu, Mr. A.S. Nasery and Mrs. Sushama Saraf worked as Judges for this event. The programme was followed by **fete**. The **fete** was organized by Home Science Students. Different stalls of varied food items were kept for all the students and staff members. The event concluded with prize distribution ceremony. Prizes were given to the winners at the hands of Principal Dr. A.M. Bhate and Vice-Principal (Jr.College) Prof. Prakash Pusadkar.

Dr. R.B. Lanjewar, Convener, Dr.(Mrs.) Anagha Nasery, Dr. D.M. Welulkar, and all the members of Extra Curricular Activity Committee and Students Council worked hard for the success of events.



Rashtriya Shiksha Din: (3rd December 2008) and National Disabled Day 23/11/2008. On this occasion **CD of study material** for the blind students of Std. X recorded by the staff of the college was handed over to Mr. Khapekar and Mr. More from **Dnyan Jyoti Residential Blind School**. **Mr. Vishram Jamdar**, member of the management, Dr. Asha Bhate, Principal of the college graced the occasion.

Late Savitribai Phuley Jayanti 3rd January 2009, ‘Kalavishkar’ an Inter- Collegiate Arts and Crafts Exhibition was organized by College Teachers’ on this occasion. The exhibition was inaugurated at the hands of **Dr. Mrs. A. Shrikhande** Head, Deptt. Of Pathology & Project Director of sickle cell disease detection and Hemoglobinopathies Indira Gandhi Hospital, Nagpur. The exhibits included drawings, paintings, paper work, embroidery, needle work, wooden work, ceramic items. Many colleges participated in this exhibition. Due to overwhelming response of the spectators the exhibition was extended for another day.

Dr. Ambedkar’s Mahaparinirwan Din: The 52nd Mahaparinirwana Diwas of Dr. Babasaheb Ambedkar was observed on 6th December 2008 with reverence. Convener of the programme Dr. Kamlesh Moon spoke about the background of the event. Presenting a detailed thought provoking paper on occasion Prof. Sarang Ramteke threw light on the life of Dr. Ambekar that speaks volumes about the struggle of a poor yet determined young Indian. Dr. D.B. Jadhao, faculty of chemistry spoke about Dr. Ambedkar’s contribution in drafting the Constitution of India. Speaking about the great social reformer of India, and Dr. Ambedkar’s vision, Dr. Jadhao read out the preamble of Indian Constitution, where he has given stress on the concept of equality. The last speaker Prof.



Yugal Rayalu paid rich tribute to Dr. Ambedkar by speaking about the relevance of his message on today's India. Prof. Rayalu said that the greatest contribution of Dr. Ambedkar was the secular character of Indian constitution. In her presidential address Principal Dr. (Ms.) Asha Bhate called upon the students to emulate the ideals of Dr. B.R. Ambedkar. That will be the real tribute to this great son of India, she said. Prof. P.M. Pusadkar vice-principal, Junior college and Dr. N.R. Lokhande, faculty of physics graced the occasion.

Brail Day was celebrated on 6th Jan. 2009. On this day New Year Greeting Cards in Brail language were distributed to inmates of **Dnyanjyoti Niwasi Andh Vidyalaya**, Nagpur by all the teaching and non-teaching staff members of the college.

Vivekanand Jayanti (12th January 2009). On this occasion Ex. Prof. of the college **Shri. Vishwas Lapalkar** of Vivekanand Kendra was felicitated by the college for receiving "Natu Foundation" award for his lifetime social service. At present he is working in Arunachal Pradesh. He spoke on the life of Swamiji. He also shared his experiences with the staff members.

Republic Day Function (26th January 2009). Republic Day was celebrated with great fervor and enthusiasm. On this day college students and staff members who have excelled in various fields i.e. sports, academics, co-curricular activities etc were felicitated. This year on the republic day function **Mrs. Tejswini Khade Government Pleader and President Vidarbha Lady Lawyer's Association** was the **Chief Guest.**



Shivaji Jayanti (20th Feb. 2009) : On this day **Prof. Wagh** delivered a lecture on the great Maratha Warrior Raja Shivaji.

Also on this occasion Siddhesh Wagh a student of the college was felicitated for being selected as **KVPY** fellow and for receiving a scholarship of Rs. **7 Lacs** from Indian Institute of Science, Bangalore.

Q.40 Linkage developed with National / International, academic / Research bodies.

Ans: There is no direct linkage at National/ International level for academic degrees, but we take help from national institutes like C.D.R.I. Lucknow, Ruska Laboratories Hyderabad, Sero typing centre Kasauli, B.A.R.C. Mumbai, NEERI, Nagpur for the research/project work.

Q. 41 Any other relevant information the institution wishes to add:

In house facilities available are

- 1) **Y.C.M.O.U. Study Centre** offering courses of U.G. and P.G. in Bioinformatics and Biotechnology.
- 2) **Bank of Maharashtra Extension Counter.**
- 3) Dharampeth College **Employees Credit Co-operative Society.**
- 4) Lush Green Campus sprawling in 5 acres of area include huge playground, Botanical garden and ample parking area for students and staff.
- 5) **Annual Maintenance Contract (AMC)** for repairs and maintenance of Computers is carried out by vocational department of the college.

Dharampeth Education Society:

Our management is very cooperative. Dharampeth Education Society always encourages the staff and students to implement new ideas. On



our campus we have a cluster of colleges i.e. YCMOU study centre, Vocational Department and Dharampeth Polytechnic. Seminars, conferences and guest lectures are regularly conducted in these colleges. We receive invitations for all these programmes and our staff-students attend these informative and interactive programmes.



Part C

Details of the plans for the institution for next year (2009-2010)

The vision of our institute is to impart quality education and mission is to mould students into rational thinkers, competent workers and socially aware citizens, hence we are focused to give quality education to the students. With this aim the institute with strong support from management cater to the advancement of students in various fields. Being a pure Science and Home science faculty college we are facing problem of reduction in number of students as well as the quality or IQ standards of students. Most of the students scoring good marks in their H.S.C. examinations go for professional courses like engineering, medical or paramedical courses. Hence students scoring less marks take admission for graduation in science. Generally these are average or below average students, frustrated with studies. As a result our main focus is to create interest in them, develop their research potential, update their knowledge by conducting seminars/workshop conferences in the subjects parallel to syllabus and based on current relevant topics.

Accordingly we conduct different seminars, conferences or workshops every year. We are also conducting research oriented activities like mini research Projects in some department for last three years. Here the students form a team of 4 or 5 and approach the teacher with various topics in mind. After discussions some topics are selected and the students prepare a good project. We have thus a collection of 50 to 55 mini research projects. Other than research orientation, students need to be trained/developed for the command on language, stage confidence, boldness. They have to become extrovert and develop good personality for which we conduct many programmes.

We will continue our healthy practices of Yoga training, college school complex activities, science corner activities, preparing our yearly calendar and follow it to best possible extent. We will also continue with our NSS and NCC



activities. Departmental club activities, magazine, cultural, sports programmes etc. This year newly introduced mentor system was found to be successful, hence we will continue with the same. The Medha Samskar programme taken for Jr. College was appreciated by all, hence we are planning to conduct such programme for all classes of degree college also. In the expansion and improvement of infrastructure our conference room, record room, principal and Vice principal's chambers will be completed soon.

This year we are planning to have career guidance or vocational guidance even for the students who come for admission, to increase their interest in pure sciences. We believe continuous evaluation of existing practices and adding some new will take our institute to great heights. With the strong support of management we wish to continue with our task.



Dr. Asha Bhate
Principal



DST Sponsored National Symposium

“Nanotrends” 2008

(Exploring the World of Nanostructures for Human Welfare)

A National Symposium “NANOTRENDS” 2008 (Exploring the world of nanostructure for human welfare) was organized jointly by the departments of physics, electronics, statistics, mathematics and computer science of Dharampeth M.P. Deo Memorial Science College, Nagpur on 27th September 2008, Saturday at VANAMATI near Bhole Petrol Pump, VIP road, Nagpur.

The purpose of the symposium was to provide multidisciplinary glimpses of the current scenario in Nano Science and Nano Technology.

Local Organizing Committee

Dr.Ms.Asha Bhate, Principal	Chief Patron
Prof. P.R.Shende	Convener
Dr. C.V.Dhule	Co-Convener
Dr.N.R.Lokhande	Organizing secretary
Dr.Mrs.S.Ubale	Organizing secretary
Mrs. C.P.Cholkar	Treasurer

Members

Dr. N.L.Khobragade	Prof. P.W.Ambekar
Prof. R.N.Kakde	Prof. A.S.Joshi
Mrs. A.V.Nasery	Mrs. V.V.Rangari
Mrs. P.A.Likhite	Prof. P.S.Sharma
Dr. K.S.Moon	Prof. N.P.Gaikwad
Mrs. S.M.Barahate	Mrs.S.A.Narale
Prof. V.G.Paranjpe	Mr.A.S.Ikhar



Inauguration :

The symposium was inaugurated at the hands of **Dr. C. Mande**, Ex. Professor and Head, Dept. of Physics, RTM Nagpur University, Nagpur. He also released the souvenir “**NANOTRENDS 2008**” on this occasion. **Prof. P.R. Shende**, Convener of the Symposium introduced the theme of the symposium. Key Note address was delivered by **Dr.E.S.R.Gopal**, Professor Emeritus IISC, Bangalore.

Technical Session – I :

The inauguration was followed by Technical Session I. It was chaired by **Dr. Vilas Deshpande**, Head, Dept. of Applied Physics, VNIT, Nagpur. The first invited talk on ‘Analysis Techniques for Nanomaterials’ was delivered by **Dr. Sulbha Kulkarni** of DST Unit on nanoscience, Dept. of Physics, University of Pune, Pune.

The second invited talk was delivered by **Dr. K.B. Sainis**, Director of the Biomedical group B.A.R.C., Mumbai and a well recognized immunologist of country on Applications of Nanotechnology to medical science and health care. It was coupled with four oral presentations.

Technical Session – II

In this Technical Session **Dr. E.S.R. Gopal**, was the chair person. The third invited talk on “The Chemistry of advanced materials-past, present and future” was delivered by **DR N.S. Gajbhiye**, Vice Chancellor, Dindayal Upadhyaya University, Gorakhpur.

The fourth invited talk was delivered by **Dr. R.M. Patrikar**, professor of Electronics and Computer Science, Research computational laboratories, Pune, on Simulations in Nanotechnology.



There were also poster presentations. About twenty poster presentations were selected for the exhibition. The best oral and poster presentations were awarded prizes and certificates of merits.

The Valedictory Function :

Dr. Ajit Kulkarni, Professor of metallurgy and material science, IIT Powai was the Chief Guest for the valedictory function. **Dr. Ashok Sonkusare**, Dy. Advisor Planning Commission, New Delhi was the Guest of Honour who spoke about the various DST schemes for encouraging students and researchers in pure science. He also distributed various prizes in the symposium.

Indeed the advent of Nanoscience and Nanotechnology changed the complete perception of advanced materials for the benefit of modern life style.

The symposium received over whelming response from teachers and students of various colleges in and around Nagpur. All the staff members of the college attended this symposium.