

ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF IQAC

For the Year 2009-10



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



DHARAMPETH M.P. DEO MEMORIAL SCIENCE COLLEGE

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Prologue

*It is my pleasure to submit **Annual Quality Assurance Report (AQAR)** of the **Internal Quality Assurance Cell (IQAC)** to the **National Assessment and Accreditation Council (NAAC)** for the academic session 2009-10.*

The report gives details pertaining to the questions prescribed by NAAC for Quality Assurance in higher education. The text has been separated in three sections, namely, Part- A, Part- B and Part-C. Annexures have been appended to give bird's eye view about the various committees constituted in the college and also IQAC.

Dr.(Miss) Asha Bhate

Principal



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PART - A

In pursuance of quality enhancement in all its spheres, the IQAC of the college formulates plans every year, circulates the benchmarks identified, to the Heads of the Departments and conveners of various committees for the coming academic session and the efforts are made to implement them.

A meeting of IQAC of the college was held on 13th April 2009. The committee evolved a plan of action for ascertaining and reassuring quality at different levels in the beginning of the year 2009-10. Quality Assurance Committee of the Internal Quality Assurance Cell (IQAC) suggested several measures to consolidate existing academic activities and introduce fresh avenues towards sustenance and acquisition of quality across the spectrum of teaching, research and administrative aspects of the system.

The Annual Calenders of all departments and committees were prepared in consultation with the Heads of the Departments and the conveners of all the committees of the college. A meeting of IQAC of the college was held to review the progress of the college. In order to ensure relevance and quality of academic and research programmes, the optimization and integration of modern methods of teaching and learning, the adequacy, maintenance and the functioning of the support structure and services, research sharing and networking with other institutions, the IQAC of the college prepared a plan for the academic year 2009-10 which also included various curricular, extra-curricular and extension activities. All the activities were focussed on facilitating the creation of a learner-centric environment conducive for quality education and faculty maturation.



Curricular Aspects:

For curricular aspects it was thought to give emphasis on :

1. Effective implementation 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 Diploma Course in Bioinformatics including formulation of its syllabus.

Teaching - Learning and Evaluation:

The institution facilitates effective running of the teaching –learning programmes. In order to strengthen teaching- learning and evaluation process it was planned to :

Implement **“Mentor - Mentee system”** by allotting 10-15 students per teacher so that teachers will be able to solve student’s difficulties and give them personal guidance.

Continue 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.

Organise meetings of the Conveners of various committees and the associated members to chalk out plans for co-curricular and extra -curricular activities.

1. Obtain feedback from the students.
2. Update library with addition of new books, journals etc.
3. Arrange Reading Competitions and Book Exhibitions.
4. Conduct Class Tests/ Unit Tests in order to improve results.
5. Provide remedial teaching to needy students.



Research and Consultancy:

In view of the fact that most of the faculty members are Ph.D. holders it was decided to enhance research vibrancy by :

Encouraging more number of teachers to embark upon Research Projects, through submission of proposals to UGC / DST & other funding agencies for undertaking Minor and Major research projects.

1. Publishing more academic and research oriented papers, books etc.
2. Strengthening consultancy services.
3. Encouraging students to take up mini research projects.
4. Developing linkages with research laboratories.
5. Develop Central Research Laboratory in the college so as to develop and nurture research activities.

Student Support and Progression:

To maintain overall harmony, discipline and socio economic balance in the college, the Student's Council members of the previous year (2008-09) suggested to introduce Uniform for students which was thought logical by the management and it is to be implemented from this year. The focus of the college is always to support students and help them in their holistic development. Hence, it was thought necessary to :

1. Encourage students participation in college administration and activities such as, arrangements of Workshops and Conferences & organisation of cultural, sports and other extra - curricular events, to indentify and nurture their leadership qualities.
2. Maintain the document regarding the progression and placement of the students by the departments.
3. Strengthen the Book Banks in the Departments.
4. Provide counselling to students through trained counsellors and teachers.



5. Motivate students to participate in inter-collegiate extra and co-curricular activities.
6. Organize more number of value- addition programmes.
7. Establish Sexual Harassment Cell.
8. Strengthen the activity of Placement Cell.
9. Make necessary arrangements for rigorous home assignments for slow learners.
10. Organise Extra-classes for Sports Persons.
11. Arrange Utility Workshop for girls.
12. Encourage participation of students in Diet exhibitions in collaboration with NGOs.
13. Motivate students to acquaint with Entrepreneurship.
14. Organize lectures on Health issues.
15. Take measures to monitor grievances of the students for effective Grievance Redressal of the students.

Governance and Leadership

Our institution practices relevant welfare schemes for all its constituents. The academic and administrative planning move hand in hand. Thus to involve participation of all a plans were conceived.

1. In order to strengthen quality improvement activities, increase the frequency of IQAC meetings.
2. Regular monitoring of departmental /committee's activities.
3. Updating of college web- site regularly.
4. Submission of proposals to UGC to procure grants under XI plan.



Co-Curricular Activities:

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

To conduct inter-collegiate competitions.

To publish college magazine “Asmita” and Departmental magazine, if any.

1. To conduct workshop for development of soft skills/interpersonal skills and to organize inter-collegiate seminar, debate, elocution, quiz competitions, etc.
2. 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.
3. To provide new vistas of learning through educational tours, science excursions and surveys for students.
4. 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.



PART - B

1) Activities reflecting the goals and objectives of the institution :

1. The aim of education and progress is to develop the collective instinct in man.
2. Our institute aims for the overall development of the student by providing unique and supportive environment to learn and grow within the provided infrastructure and supporting staff.
3. College promotes students to take active part in games and extra curricular activities.

Keeping this in mind the college has taken up number of activities & training programme with a focus on Academic as well as on Co-curricular and Value - based education which will inspire analytical thinking and desire for higher studies amongst students.

2) New academic programmes initiated :

1. UGC sponsored Career-Oriented Diploma Course in Bioinformatics was introduced from this academic session. Such Add-on courses provide opportunity for parallel education to the student and help them to acquire additional skills.
2. Academic flexibility is also available to the students to choose the course of their choice, that includes UG and PG courses in Bioinformatics run by Y.C.M.O.U, study centre of the college.

3) Innovation in curricular design and transaction :

The college is affiliated to Rashtrasant.Tukdoji.Maharaj Nagpur University, Nagpur, and implements the syllabi prescribed by it. The college contributes in guiding R.T.M. 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 Diploma course in Bioinformatics was prepared by faculty members with the help of experts which was approved by R.T.M. 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, B.O.S. in Statistics.

Mr..P.S.Banait - Home -Science (Chairman, B.O.S. 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: None.

5) Examination reforms implemented :

As the college is affiliated to R.T.M. Nagpur University, it has to follow the pattern of the University examination and hence no reforms can be brought about. However at college level , remaining within the limits we have attempted to introduce certain reforms at college level. Apart from regular college examinations some departments conduct Unit Tests, give Home Assignments, Mini Projects and Quiz Competitions. This helps in better evaluation of students.



The college has autonomy to run Career-Oriented courses. For Certificate and Diploma in Bioinformatics new examination system 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 programme:**

Participation in seminars/workshops/conferences:

Department of Chemistry

Dr. R. B. Lanjewar :

National Seminar on “**Emerging Techniques in Materials Sciences**” at Shri M. M. College of Science, Nagpur, Aug. 22nd 2009.

UGC Sponsored National Conference on **Advance Material and Technology** at Shivaji Science College, Nagpur, Dec. 29th & 30th, 2009.

Dr. D. B. Jadhao

UGC Sponsored National Conference on ‘**Advance Material and Technology**’ at Shivaji Science College, Nagpur, Dec. 29th & 30th, 2009.

UGC and CSTR Sponsored National Conference on ‘**Material Sciences: Trends and future 2010**’ at Vidya Bharati Mahavidyalaya, Amaravati, (M.S.) on Jan, 6th & 7th, 2010.

Attended a **Refresher Course Part-II** for Associate NCC Officer, held at Officer Training Academy, Kamptee, from 1st June, 2009 to 30th June, 2009 and completed successfully with ‘A’ grade.



Dr. V. S. Katkar

Attended a UGC Sponsored National Conference on ‘**Advance Material and Technology**’ at Shivaji Science College, Nagpur, Dec. 29th & 30th, 2009.

Department of Microbiology

Dr. Mrs. A. S. Kulkarni

Participated in UGC sponsored National Seminar on **Green revolution and Gene revolution** GM crops organized by Department of Botany, Sevadal Mahila Mahavidyalaya, Nagpur, 2nd January 2010.

Member of Organizing Committee for Scientific and Technical presentations in National Seminar on “**Advances In Cosmetics A Biotechnological Concept**” organized by Department of Cosmetic Technology, Somalwar Nikalas Mahila Mahavidyalaya, Nagpur in collaboration with GLOBAL BIOTECH FORUM, Rajiv Gandhi Biotechnology Centre, RTM Nagpur University, Nagpur on 9th Jan, 2010.

Participated in ICMR sponsored National Seminar on **Comparative Reproductive Physiology and Biotechnology 2010**, organized by Department of Zoology, Shri M. Mohta College of Science, Nagpur on 15th -16th Jan, 2010.

Department of Mathematics

Dr. N. L. Khobragade & Mr. N. P. Gaikwad :

Attended two days National Seminar on “**Analysis, Topology & Gemometry**” organized by Department of Mathematics, RTM Nagpur University, Nagpur on 9th - 10th Feb, 2009.

Department of English

Mrs. S. A. Deshpande

Attended UGC sponsored, 63rd **Orientation programme** from 18th Feb,09 to 17th Mar,09 at Academic Staff College, Nagpur.



Participated in 3rd National and 7th Vidarbha Regional Conference “VIDCON- 2010” of English Language Teachers’ Association of India (ELTAI) organized by New English High School and Junior College, Nagpur on 5th and 6th Feb, 2010.

Presented paper in International conference “**Confluence**” –Innovations in Teaching English language in Technical Education’ organized by Tulsiramji Gaikwad Patil College of Engineering in collaboration with Abha College of Engineering on 26th February, 2010.

Department of Computer Science

Mrs. Snehal Narale :

Presented paper on ‘ Mobile Computing in the field of archaeology’ in International Conference on IT held at Yashwant Mahavidyalaya, Nanded on 9th -11th Jan, 2010.

Department of Statistics

Mrs. C. P. Cholkar

Attended an International Conference on **Statistics and Information Analytics (ICSIA-2010)** held from 11th to 13th Jan, 2010, at the Post- Graduate and Research Department of Statistics, Loyola College (Autonomous), Chennai-600 034 (India).

Department of Botany

Mr. P. T. Humane participated in National Seminar on “Green Revolution to Gene Revolution : G. M. Crops”, organized by Sevadal Mahila Mahavidyalaya, Nagpur, on 2nd Jan, 2010.

Department of Zoology

Mr. S. C. Masram

Attended National Seminar on “Comparative Reproductive Physiology and Biotechnology” organized by Shri. M. Mohta Science College, Nagpur, on 15th -16th Jan, 2010.



Dr. Mrs. K. M. Paturkar

Attended National seminar on “Comparative Reproductive Physiology and Biotechnology” organized by shri. M. Mohta college of science on 15th -16th Jan, 2010.

Department of Physics

Mr. P.W. Ambekar

Was awarded Summer Research Fellowship jointly by IAS,(Banglore), INSA (New Delhi), and NAS (Allahabad) and worked at NCL, (Pune).

Department of Library

Mr. Avinash Badge

Participated in U.G.C. sponsored One Day National Workshop on “Digital Library” organized by Dhanwate National College on 3rd Jan, 2010.

Faculty of Home Science

Dr. Mrs.J.S Mandlekar, Mrs. Ranjana Kulat & Mrs. Kalpana Patankar

Attended 28th Biennial National conference at Kolkata from 7th - 10th Jan, 2010, organized by Department of Home Science, J. D. Birla Institute, Kolkata.

In the session 2009-10 two National level seminars were organized. All the staff members of Science and Home Science faculties actively participated in National Level NFB (National Federation of Blinds) sponsored Seminar on “**KANYAKA - In pursuit of boundless horizon**” organized on 21st Nov, 2009 and UGC sponsored seminar on “**Nanotrends 2009-10 – In the Techno- scientific Era**” on 12th Mar, 2010.



Research papers Published :

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

1. Plasmid profile analysis of multidrug resistant E.coli isolate from UTI patients of Nagpur City, India” Romaninan Biotechnological Letters Vol.14, No.5, 2009, pp. 4635-4640.

Articles Published

2. Fifteen articles written by staff members were published in Souvenir’s of National Seminars “**Kanyaka**” and “**Nanotrends**” 2009-10 organized by the college.

Books Published

Dr. D. B. Jadhao “Synthetic nucleosides and nucleotides” is published by Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur sponsored by UGC, New Delhi.

Research papers presented

Dr. R. B. Lanjewar presented two research papers namely

1. “¹¹⁹Sn and ⁵⁷Fe Mössbauer, Infrared, Electronic and DSC studies of some nitrogen heterocyclic substituted pentacyanoferrate (Me₃Sn)₃[Fe(CN)₅L] x H₂O complexes and (ii) Mössbauer Spectroscopies Studies of Pervoskites” at National Seminar on “Emerging Techniques in Materials Sciences” at Shri M. M. College of Science, Nagpur, Aug. 22nd 2009.
2. He also presented a research paper “Mössbauer Spectroscopic studies of some Organotin substituted pentacyanoferrate (II) complexes” at UGC Sponsored National Conference on Advance Material and Technology at Shivaji Science College, Nagpur, Dec. 29th & 30th, 2009.



Dr. D. B. Jadhao presented research papers

1. Synthesis of New Antimalarial Drug: N¹-P-Chlorophenyl N⁵-Isopropyl-Diguanidine and its Derivatives” at UGC Sponsored National Conference on ‘Advance Material and Technology’ at Shivaji Science College, Nagpur, Dec. 29th & 30th, 2009.
2. He also presented a research paper entitled “Phosphorylation Reactions in Organic Synthesis” in UGC Sponsored National Conference on ‘Material Sciences: Trends and future 2010’ at Vidya Bharati Mahavidyalaya, Amaravati, (M.S.) on 6th & 7th Jan. 2010.

Mrs. C. P. Cholkar presented a research paper.

1. ‘A Coin Tossing Experiment and Frequent Appearance of Fibonacci Numbers’ in International Conference on Statistics and Information Analytics (ICSIA-2010) held from 11th to 13th Jan, 2010 ,at the Post-Graduate and Research Department of Statistics, Loyola College (Autonomous), Chennai-600 034 (India).

8) Total number of Seminar/workshops conducted

National Level Seminars conducted: **02**

NFB (National Federation of Blinds) sponsored National Level Seminar “**KANYAKA- In pursuit of boundless horizon**” on 21st Nov, 2009.

UGC sponsored National Seminar **Nanotrends 2009-10 – In the Techno-scientific Era**”, on 12th Mar, 2010.

A seminar on NET/SET preparation in **Life-Sciences** was organized on 10th Apr, 2010..

In-house Guest lectures organised

1. The Department of Microbiology organized a Guest Lecture by Dr. Sanjay Deotale on the topic ‘Swine Flu – a pandemic threat’ on 15th Sept, 2009.



2. 'Electronics Association' organized Guest Lecture on 22nd Sept. 2009. Shri. V. G. Atale Ex-Executive Engineer, MSEB spoke on the subject 'Role of Electronics in the development of Astronomy'.
3. 'Physics Association' organized a Guest Lecture by Prof. R. M. Singru, H.O.D. Physics (Retd.) I.I.T., Kanpur on 25th sept. 2009. He enlightened the students on "Opportunities in Pure Science"
4. Dr. P. C. Deshmukh, Ex-Professor, Post-Graduate Dept. of Physics, Nagpur University, Nagpur delivered a lecture on 'Wonderful World of Electronics' on 4th Nov. 2009. In his very informative lecture Dr. Deshmukh acquainted the students with progress in Electronics from Valve Generation to the latest computers.
5. A one day Introductory Workshop on 'Mobile Repairs and Maintenance' was organized for Electronics students on 5th Dec. 2009. One of our ex-students Shri. Hridayanath Sharma conducted the Workshop, which our students highly appreciated.
6. Lecture on "Fun in Chemistry" by Dr. Hemant Pande, Associate Professor, Hislop College, Nagpur was organized by Deptt. of Chemistry on 9th Dec, 2009.
7. Birth Anniversary of the Great Mathematician – Ramanujam, was celebrated by Mathematics Department as 'National Mathematics Day' on 22nd Dec, 2009. Prof. P.R. Shende, Department of Physics of our college was the Chief Guest for the function. On this occasion a lecture of Prof. Shende on "The biography of Ramanujan" was arranged.
8. Department of Zoology organised a Guest lecture by Dr.P.G.Puranik, Director P.G.& Research Academy Sevadal Mahila Mahavidyalaya, Nagpur ,on the topic " Nerve Physiology" on 23rd and 24th Feb. 2010



9. Research projects:

- Newly implemented : 02
- Completed : 03
- Projects submitted to UGC : 07

10. Patents generated : NIL

11. New collaborative Research programmes initiated: Nil

12. Research grant received from various agencies:

- Dr.D.B.Jadhao : Deptt. of Chemistry: UGC grant received: 1,35,000/- For the Minor Research Project on the subject “Synthesis of new antimalarial drugs”.
- Mrs.V.V.Rangari: Deptt. of Electronics : UGC grant received: 1,72,000/- for the Minor Research Project on the subject “Synthesis and Characterization of Advanced Inorganic Luminescence Phosphor for Flat Panel Display’ .

13. Details of Research scholars:

Dr. Ms. A. M. Bhate , Principal, is guiding following research scholars :

Ms. Ajita Gijre : “Impact of water quality and quantitative fish production at Kati Junction of Bagh and Wainganga river in Gondia”.

Ms. Madhuri Raje : “Spatial and temporal assessment of physioco-chemical characteristics of surface and ground water resource of selected areas of Gondia (M.S.) India”.

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’.(Ph.D. thesis submitted to RTM Nagpur University, Nagpur).



Mrs. A. A. Deo: 'Electron microscopic studies and Cytological changes induced by quaternaries in nosocomial pathogens.' (Ph.D. thesis submitted to RTM Nagpur University, Nagpur).

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.)

Department of Zoology:

Mr. S.C. Masram: (Ph.D. thesis submitted to RTM Nagpur University, Nagpur).

Department of English:

Mrs. S. A. Deshpande:

Registered for Ph.D in English Literature under Dr.Sandhya Nair, Principal, R.S.Mundle, Dharampeth Arts and Commerce College, Nagpur. The topic of Research is "The psychoanalytical insight into Samuel Beckett's dramatic vision".

14. Citation index of faculty members: NIL

15. Honours /Awards to the faculty:

1. Mrs.S.A.Deshpande, Head, Department of English : Bagged the Best paper presentation Award on the topic " Innovation in teaching English Language through 'PIE' at an International Seminar "Confluence"- (English language Teaching in Technical Education") organized by Tulsiram Gaikwad Patil College of Engineering. on 26th Feb,2010.



2. Invited as a judge at Inter-branch Debate Competition Semifinals at Ramdeobaba Kamla Nehru Engineering College, on 8th Dec, 2009.
3. Dr. D.B.Jadhao : Associate NCC officer 2 Mah, Armed sqn NCC, Nagpur was adjudged Best AN officer for the session 2009-10.
He is also promoted as a 'Major' on 24th Oct, 2009.
4. Dr. Mrs. A. S. Kulkarni, Head, Department of Microbiology , nominated as
 - Member of Organizing Committee for Scientific Technical presentations in National Seminar on "Advances In Cosmetics :A Biotechnological Concept" organized by Department of Cosmetic Technology, Somalwar Nikalas Mahila Mahavidyalaya, Nagpur, in collaboration with GLOBAL BIOTECH FORUM, Rajiv Gandhi Biotechnology Centre, RTM Nagpur University, Nagpur on 9th Jan, 2010.
 - Invited as judge for Inter-collegiate Paper- presentation Competition for UG & PG students of Microbiology and Biotechnology organized by G. H. Rasoni Interdisciplinary Science College, Nagpur, on 16th Dec, 2009.
 - Invited as judge of "Cookery Contest" organized by Bhratru Mandal (NGO) Nagpur, on 25th Dec, 2009.
 - Nominated as VC's Nominee and a Subject Expert in Microbiology for selection of Assistant Professor in various colleges.
 - Nominated as Subject Expert in the selection committee constituted for Interviewing Applicants for The post of Assistant Professor in Bio-Technology at G.H. Rasoni Interdisciplinary Life Science College, 19th Apr,2010.
5. Dr. Mrs.V.S Katkar: Nominated as Subject Expert and VC's nominees in the selection committee constituted for Interviewing Applicants for the post of Assistant Professor in Chemistry in the following colleges
 - Science College Sadak Arjuni, Bhandara



- Chintamani Science College, Pomburna
 - Dhote Bandhu Science College, Gondia
6. Dr. Dhananjay Welukar was nominated as a member of Ashwamedh - an Inter University Championship committee at Dapoli from 27th Nov,-1st Dec, 2009 and was nominated as 'Observer' in All India Inter University Handball Tournament which was held from 2nd Feb, 2010 at Patiala. :
7. Mr. Avinash Badge was nominated as Subject Expert at B. M. Tidke College of Education, Mouda, on 25/6/2009 and Kosh Mahavidyalaya, Nagpur ,on 22nd Sept, 2009.

16. Internal resources generated :

Industrial Chemistry and Computer Science subjects are being run on no grant basis. Additional fee of Rs. 3000/- and 5000/- per student per year is charged for Industrial Chemistry and Computer Science respectively.

The Education society provides our venue for conducting outside examinations like Selection Tests of various Banks and many other private and Govt. organizations.

Fund generation by the society is also through sale 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 the 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.

**Swine – Flu Awareness Rally:**

The college organized a Swine-Flu Awareness Rally on Independence Day. A programme on Swine-Flu awareness was held at Trust-Lay Out, Pandharabodi, a slum area near the college. Noted Alumnus of the college, Dr. Pinak Dande appraised the slum dwellers about the symptoms of Swine Flu and explained the precaution to be taken to avoid incidences of Swine Flu. He informed the residents about myths and realities of this epidemic. The programme concluded with the distribution of handmade masks prepared by our students of Textile and Clothing Department of Faculty of Home science. The College also distributed “Information pamphlets” to the residents.

This year on Teacher’s Day all the staff members collected food grains, clothes for the Orphanage ‘Balsadan’ run by Paranjape School, Nagpur for the rehabilitation of orphan children.

Blood Donation Camp:

N.S.S. unit of the college in collaboration with Hedgewar Blood Bank carried out Blood Donation Camp on 5th Sept, 2009 in memory of our former Principal, Late Shri. Vinayakrao Phatak.

Save water Save Life

The volunteers worked at the Futala Lake during “Ganapati Visarjan Programme” and assisted the NGO, “Nagpur Talab Saphai, Paryawaran Pradushan Nirmulan Sanstha” to carry out Ecofriendly Ganesh Visarjan on 1st and 2nd Sept, 2009.

A Pollution Under Control Camp.

Camp was organized in the college premises on 6th Oct, 2009. Large number of students and staff members took advantage of the camp. In all 35 two-wheelers and 10 four-wheeler vehicles were checked for PUC.



Volunteers also participated in the programme of **Constitution Day** held at Kasturchand Park on 26th November, 2009 organized by the RTM Nagpur University, Nagpur.

A special **residential camp** of seven days was held at Narayan Nagar , Amravati Road, Waddhamna by NSS unit of the college between 6th December 2009 to 12th December 2009. Dr. Bhau Daidar, Co-ordinator NSS, RTM Nagpur University Nagpur inaugurated the camp. Shri Raju Rao, Sarpanch and Shri Raju Chandekar, Upsarpanch, Waddhamna Village, were Chief Guests while Dr. Sudhir Sahasrabhojani, President, Dharampeth Education Society presided over the inaugural function. Eminent speakers delivered lectures on various subjects during the camp. Dr. Suresh Batra, Shri Sanatan Shende, Mrs. Bimla Negi Deoskar, Adv. Prachi Joshi, Swami Jyotiswarupanandji, Mrs. Mrunmayee Bhatawadekar – Kulkarni, Shri Yugal Rayalu etc. spoke on subjects ranging from personality development, confidence building, legal awareness, Mountaineering etc. For the valedictory function Dr. Butey, Principal, Santaji Mahavidyalaya, Nagpur, was Chief Guest and Dr. V. G. Dixit, Secretary, Dharampeth Education Society presided over the function.

1. Department of Microbiology organized Sickle -cell Anemia Detection Camp at Hinganghat Distt., Wardha in collaboration with Global Biotech Forum, Nagpur, Sickle cell society of India and ‘Nisargved Sanstha’, Hinganghat on 16th July 2009. Approximately 220 people were screened.
2. For the third consecutive year Department of Home Science in collaboration with Maheshwari Pragati Mandal, Akola and Thote Hospital, Akola, organized one-day seminar for diabetic patients at Akola. Final year students of B.Sc. (Home Science) actively participated in the seminar. Renowned doctors from specialized fields enlightened the delegates on diabetes and its correlation with common ailments. Students of Home - Science Department of the college actively participated in ‘Group Discussion’ arranged during the seminar. On this occasion our students arranged a Diet Exhibition, which explained the ideal diabetic diet. Charts and slogans highlighting the importance of this diet were effectively displayed. Queries of the inquisitive visitors were answered



by our students. Mrs. Kalpana Patankar, a Faculty Member was instrumental in organizing the above seminar.

19. Teachers and officers newly recruited:

1. Contributory Lecturers: 07
2. Adhoc for Computer Science: 03

20. Teaching –Non Teaching ratio: 1:1.5

21. Improvement in the library services:

- Library is computerized with internet facility.
- Students have free access to internet.
- Book-bank facility and Deposit Scheme is made available to the students.
- Units like library study circle , library quality circle and staff study circle have been set up to inculcate the habit of reading amongst students as well as teachers.
- The library regularly displays employment news , Noble thoughts and slogans .
- Activities like Book Exhibitions and Poster Contests are undertaken by the library.

The library is equipped with a computer and internet facility. The Central library has a collection of 15,457 books, and it subscribed for 5 News papers, new journals and magazines. 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 cataloguing, accessing and other library use. Internet facility was introduced for students, teaching and non teaching staff. Books



relating to different competitive examinations for career/service, general knowledge and other documents are separately available for reference only in the reading room.

Library started Newspaper Reference Desk for Students where everyday newspapers 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.

“Aajache Pustak” : One book is displayed on the Notice Board and also the contents of the books are mentioned on the Notice Board so as to generate interest and curiosity in the students to read the books . This also helps them to know the relevance of that book.

Other activities of the Library include -

- Regular display of new books.
- Display of the 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 145 and its value is 32,063/-
2. Total number of Journals and periodicals is 45 and its value is 26,294/-
3. Number of new newspapers subscribed is 05 and its value is 3583/-
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 staff is done by final year students. On the basis of the analysis of feedback necessary action is taken for the improvement.

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

24. Unit Cost of education

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

25. Computerisation of administration and the process of admission and examination results, issue of certificates:

To keep pace with the changing time it is important that one needs skills to meet the challenges of the present day of globalization. Thus up-gradation is carried out through computerization in various fields of administration. The data of admissions, scholarships, fees etc, is maintained through computerization. Computers are provided to the administrative staff and all the Departments. Separate computers 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 infrastructures facilities: NIL

However, proposals for construction of Central Library, Auditorium and a Gymnasium are under active consideration.



27. Technology Up -gradation:

Conversion of Dial- up networking through Broad -Band internet service for speedy access and access to e- journals is under process. For technology up-gradation in administrative process Biometric system has been introduced to maintain attendance record of the staff and its effective implementation will be done from the academic session 2010-11.

28. Computer & Internet Access & training to teachers & students

All the students and teachers have access to internet facility through UGC Network Resource Centre. Internet facility for teachers and students is also made available in College Library, Computer-Science Department and most of the Departments.

29. Financial aid to the students:

Financial aid to the students is made available through various Scholarships and Concessions. Meritorious students 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.

G.O.I Scholarship

Sr. No.	Cast	Total Students	Maint All.	Tuition Fee	Exam. Fee	Other Fee	Total Amt.
1	O.B.C	71	81720/-	56800/-	22455/-	84035/-	245010/-
2	S.C	58	114145/-	46400/-	18565/-	68730/-	247840/-
3	N.T	11	12000/-	8800/-	3275/-	13335/-	37410/-
4	S.B.C	04	4440/-	3200/-	1230/-	4740/-	13610/-
5	S.T	08	15910/-	6400/-	2417/-	9480/-	34207/-
Total		152	228215/-	121600/-	47942/-	180320/-	578077/-



Free-ship

Sr. No	Cast	Total students	Tuition Fee	Exam. Fee	Other Fee	Total Amt.
	O.B.C	16	12800/-	5264/-	18760/-	36824/-
2	S.C	19	15200/-	6251/-	22515/-	43966/-
3	N.T	--	--	--	--	--
4	S.B.C	01	800/-	329/-	1185/-	2314/-
5	S.T	01	800/-	329/-	1185/-	2314/-
Total		37	29600/-	12083/-	43645/-	85418/-

Other Scholarship

.No.		Total Students	Lab. Fee	Gym Fee	Lib. Fee	Other Fee	Exam Fee	Book & Washing	Total
1	S.T.C	01	125/-	20/-	10/-	15/-	329/-	--	499/-
2	E.B.C	02	250/-	40/-	20/-	30/-	--	--	340/-
3	ExService Man	01	125/-	20/-	10/-	15/-	--	225/-	395/-
4	P.T.C	--	--	--	--	--	--	--	--
		04	500/-	80/-	40/-	60/-	329/-	225/-	1234/-

30. Activities and support from the Alumni Association:

The alumni of this educational institution are spread all over the globe. Many of them have splendid accomplishments to their credit in their personal and professional fields bringing laurels to their Alma Mater. The mission is to promote and foster mutually beneficial interaction between the Alumni and the present students of the Institute and between the Alumni themselves.

In light of this, in the academic session 2009-10 following alumni contributed through their Guest Lectures and motivated students .



1. A guest lecture by Dr. Abhijeet Bakre from University of Georgia, USA was arranged on the topic “Softwares used in Data mining” on 15th Oct. 2009.
2. A guest lecture by Dr. Krishna Khairnar from University of Toronto, Canada was arranged on the topic “Job opportunities in Canada” on 2nd Jan, 2010.
3. A Guest lecture by Mr. A. R. Joshi, General Manager and Faculty, Institute of Development and Research in Banking Technology (IDRBT), Reserve Bank of India, Hyderabad, was arranged on ‘Applications of Statistics in Banking and Finance’.
4. Mr. Shishir Dani, Accounts Manager, (Europe Accounts), Infospectrum India Pvt. Ltd. Nagpur, on ‘Applications of Statistics in Information Technology’ on 9th Jan, 2010.

31. Activities and support of Parents Teachers Association and its activities:

The college has Parents Teachers Association by name **ANUBANDH**. This association has constituted an executive committee comprising President, Vice-President, Secretary, Joint- Secretary and Members nominated from parents forum and teachers. Regular meeting were convened. During the meetings various problems related to their wards were discussed. Guest lectures on topics related to today’s education system and students psychology were also organised.

32. Health services:

First aid facility is available in the college. Refrigerator, digital gadgets for Blood Pressure Monitoring, Blood Sugar monitoring and a digital weighing machine are available. Use of Autoclave for sterilization of cotton is in practice.

College conducted a health check up camp for the students which includes Physical efficiency tests and medical fitness tests. The institution has appointed two experts namely: Dr. Avinash Deshmukh and Dr. Mrs. S.S. Bhelkar only for the purpose of



these tests . In case of emergency the college can take help of these physicians. Government and nearby private Hospitals are also available to the students.

33. Performance in sports activities:

1. During the session 2009-2010 our college Athletics, Badminton, Basketball, Cricket, Cross Country, Football, Kabaddi, Swimming, Volleyball and Judo teams participated in the Inter-Collegiate tournaments organized by Rashtrasant Tukdoji, Maharaj Nagpur University, Nagpur and performed very well.
2. Cricket and volleyball teams also participated in the Inter- Collegiate “Dr. Punjabrao Deshmukh Krida Mahotsava”.

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 the sports persons.

Best sportsman and sportswoman are felicitated on 26th January every year. University players blazer's cost in borne by college and tracksuits are given to them.

35. Students achievements and awards:

1. Ms.Shweta Gaurkar a student from faculty of Home science stood 5th in order of Merit in RTM Nagpur University's Summer Examinations.
2. Ms. Luptahansa Selokar of B.Sc. III (CZM) represented college in Late Shantabai Shekdar Inter- collegiate Seminar organized by LAD college on 30th Dec, 2009 and received 2nd prize. The topic was 'Genetically Modified Foods'.
3. Indian Women Scientist's Association (Nagpur branch) organized a recipe competition on the eve of 'World food day 2009'. The theme of the competition was 'Recipes for breakfast and evening tea using green leafy



vegetable as main ingredient'. Our student Miss Manjiri Lokhande, (BSc Part II) won the 2nd prize.

NCC

The college has very good NCC unit. All the cadets are hard – working and they have participated in number of activities.

Prize Winners in various activities conducted during Annual Training Camp held at Bhonsala Military School, Nagpur.

JUO Ku. Bhagyashree D. Shelke, B.Sc. II – 1st Position in both Firing and Drill Competition.

Cpl. Ku. Mitalika M. Zade B.Sc. II – Adjudged as “Best NCC Cadet”.

Cdt. Ku. Ranjana R. Dwivedi, B.Sc. I (PCM) – 1st position in Running Cross Country.

Cdt. Mr. Suraj R. Bagde, B.Sc. I (PCM) – 2nd position in Running Cross Country.

One of our NCC Cadet, namely Cdt. Nishant Umakant Katariya, B.Sc. I (PCM) brought laurels for NCC Group Head Quarters, Nagpur and to the college by

i) **Participation in Republic Day Parade** at New Delhi on 26th January 2010.

ii) Selection in All India Guards of Honour in New Delhi. He gave Guards of Honour to President of India, Prime minister, Vice-president, Chief of Army, Naval, Air forces, Defence minister of India.

iii) Selection for giving Guards of Honour to Governor of Maharashtra and Chief minister of Maharashtra, at Mumbai.

iv) Participation in Prime minister Ralley on 28th January 2010.

Akshay Nagbhire Cdt./Cpl. Secured Gold medal for Tent pitching in AIVSC-09.

Ruby Yadav Cdt./Cpl. Secured Bronze medal in Health & Hygiene in AIVSC-09.



**Cdt./Sgt. Nishant
U. Katariya**



36. ACTIVITIES OF THE CAREER-GUIDANCE AND COUNSELLING CELL :

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

1. A two-day seminar on value-addition was organised on 14th & 15th Sept, 2009 by Shri Rohan Kumbhare from 'Career Launcher'. The emphasis of the seminar was on Career Orientation, Dynamic concepts of Vedic Maths and Soft Skill training. About 50 students attended the Workshop. At the end of the Seminar, scholarship test was conducted and two students were selected.
2. Nagpur Branch of Vivekananda Kendra Kanyakumari conducted a workshop on "Netrutva Kshamata Vikas" (Leadership Ability Development) on 4th Oct, 2009 at their center. 23 students of the college participated in the seminar.
3. Throughout the year the Counselling Cell displayed articles related to stress relief, and how to overcome exam phobia..

37. Placement services provided to students:

ACE CALDERYS Ltd. short listed 5 students for the post of Trainee Laboratory Assistant after interviewing them on 12th Feb, 2010.

38. Development Prorammes for Non-Teaching staff:

Junior Clerk Anil Kadu cleared MS- CIT exam scoring 96 % marks.

After purchase of any new instrument, the company executives give demonstration-cum training to lab assistant and attendants in the departments.

39. Healthy practices:

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

Inaugural lectures were arranged for First Year .B.Sc. students 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. General counselling was provided to the students also through our counselling cell –known to the students as 'Confidence Corner'.

Decisions related with planning, co-ordination and execution of extra-curricular activities were taken involving Students' council.

Teacher's 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 Academic 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 honours them through farewell functions. Through staff Academy we felicitate the staff members who have achieved excellence in their field or in the society also.

This year following retiring staff members were felicitated

Dr. Mrs S.V. Dagaonkar - HOD Chemistry

Jr. College teachers, viz.

Mr. S.A. Bobde – Dept. of Mathematics.

Mr. P.M. Pusadkar - Dept of Physical Education

Mr Omkar Khode - Head Clerk

This year Staff Council organised a lecture series "For the staff by the staff". Teachers from all the departments delivered lectures on the interesting topics.



For the entire women staff of the college, ‘yoga and pranayam shibir’ was organised under the guidance of Mrs. Kalpana Patankar and Dr. Seema Ubale from 15th -29th April, 2010.

Women’s cell :

Women cell monitors activities and needs of the women community of the college. This year Women cell arranged -

Inaugural lecture by Advocate Jyoti Dharmadhikari who spoke on “Laws Related to Women.” In her speech she highlighted the role of Law in maintaining the harmony in

the society. She informed the audience about ‘Hindu Law codification, Right of Inheritance, Anti-Dowry Bill, Laws Protecting females against abuses’ etc.

Visit to Stall of Sickle-Cell Anemia Detection-Eradication Unit: On 22nd Sept,2009, the members of the Women’s Cell visited a Stall, arranged in Durga-Puja Pradarshani by Sickle-Cell Anemia Detection-Eradication Unit of IGGMCH (Indira Gandhi Government Medical College and Hospital), Nagpur,. The stall was arranged under the able guidance of Dr. Anuradha Shrikhande, Director of the unit, to make people aware about the dreadfulness of the disease and it’s treatment.. To rehabilitate the patients, a stall to sell Food-Items prepared by the patients was also opened by the unit. Members of the Women’s Cell gathered the information about the disease and contributed generously for the well-being of the patients.

Publication of Bulletin - ‘Gender –Justice’: To make the students’ aware about the ‘Gender – Discrimination’ prevailing in the society, Women’s Cell published a bulletin ‘Gender –Justice’ for 10 days- from 16th to 26th Nov, 2009. In this bulletin, articles about the various types of ‘Gender – Discrimination’, it’s extent, Statistics related to ‘Gender – Injustice’, multi-faceted potential of the women and need for





equal opportunity to everybody were published. Posters, Cartoons, and some poems related to these issues were also displayed.

1. Floral Carpet Making Workshop: Floral Carpet Making Workshop for Gents Teachers and Students was organized by Women's Cell on 29th Dec. 2009. Prominent teachers who participated in it were Prof. A. S. Nasery, Prof. Kale, Prof. Ambekar, Prof. Masram , Dr. Lanjewar, etc. Following students participated in this Workshop –
2. Ms. Bhagyashree Thakre, Ms. Ankita Paunikar, Ms. Kanchan Borkar, Mr. Sushil Petkar etc.
3. World Heritage Day: Women's Cell celebrated the World Heritage Day on 12th Jan, 2010. Dr. Mrs. Vrinda Joglekar, Head, Department of Statistics, Hislop College, Nagpur was the chief guest. Principal Dr. A .M. Bhate presided over the function. Convener Dr. Mrs. Anagha Nasery highlighted upon the Rich Heritage of India, Indian festivals related to Seasons, Significance of 'Makar-Sankranti'. The programme ended with the distribution of 'Til-Gul'.
4. 'Expressions'-Poetry Recitation: On 12th Jan, 2010, the programme of presentation of poems -'Expressions -A poem that touched me.' was organized. Poems of various moods and some Poems on Science were presented by Dr. Mrs. Vrinda Joglekar and the members of the Women's Cell. To name the few- Dr. Mrs.Nasery, Dr. Mrs. Katkar, Dr. Mrs. Seema Ubale, Mrs. Ranwadkar, Dr. Mrs. Vaishali Meshram, Dr. Mrs. Archana kulkarni, Dr. Mrs. Anuradha Deo, Mrs. Ringangaonkar, Mrs. Saraf etc. The sharing of different moods of the poems by the members was delightful and definitely helpful to enhance their expressions in the form of poetry.

Library Club "Friends of Library"

“Friends of Library” The Library Club 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.

Sanskrit Department celebrated Sanskrit Diwas on 9th Sept, 2009. On this occasion a guest lecture by Dr. C. Varnekar on the topic “The role of Sanskrit in Science” was organised.

Science Corner activities:

To encourage the students to take pure science / basic science as their career, it was thought necessary that participation of students in research projects will be of a great help. It was thought necessary to inculcate research habit, aptitude, attitude and analytical mind in the students so as to help the students in their future life. This is the first successful year of this endeavour and 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.

Mentor- Mentee System:

To strengthen interpersonal relationship between mentor and mentee, we have allotted a group of 15-20 students to each teacher. The teacher collects information about the family and personal background of students and give personal and academic counselling 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.

Sexual harassment cell

This year college established sexual harassment cell for having overall conducive atmosphere for girl students and women staff in the college.

A committee has been set up comprising Principal, two lady teachers, two students and one member of Non teaching staff. This year committee members met twice in a year to take the stalk of the situation. However they did not receive any complaints.



Grievance Redressal cell

To solve the grievances of the students a Grievance redressal cell has been constituted. During this academic session the cell received few complaints which were redressed amicably.

Remedial teaching

In order to improve the overall results of the college, Remedial teaching is provided to needy students by the teachers in the concerned departments. For effective implementation of this scheme a separate time- table is prepared and a committee is set up to review the overall working.

Magazine Committee:

Every year college publishes annual magazine “Asmita”. For the magazine committee, Students editorial board was formed in the beginning of the session. Throughout the year the wallpapers were displayed based on social and scientific themes. The cover page competition for our college magazine “Asmita” was also organized for the students. The cover page of the magazine was designed by BSc I year students on the theme-“Towards Global Peace”. Students were encouraged to contribute their articles and also to collect and compile various articles. Guidance on article, poem and abstract writing was given to the students for enhancement of their literary flair.

College Academic Calendar:

The college Academic Calendar is prepared to give general idea about the various activities. It includes:

- Dates of college Examination.
- Dates of admission for B.Sc. Courses
- Dates of Conferences, Workshops and Seminars.
- Committee meetings-
- Principal with H.O.D. meetings
- IQAC meetings



- Library committee meetings
- Student council meetings
- Local managing committee meetings
- Extra Curricular Events :Annual Sports and cultural event

Short excursions:

In this academic session various departments organized short excursions for student's .They include:

Department of Botany: Organized excursion to study the flora of Bhandara district.

Dept of Microbiology: Students visited NEERI, Nagpur on 26th Sept, 2009 on CSIR open day.

Dept of Zoology: Students visited Sericulture and Apiculture centre of RTM Nagpur University on 29th Nov, 2009.

Dept of Chemistry arranged visit to forensic laboratory on 8th Jan, 2010.

Dept of Physics: Organised visit to Raman Science centre on 10th Dec, 2009 and also to NEERI on 11th Jan, 2010.

ACTIVITIES OF THE STUDENT'S COUNCIL :

Students Council Activities of the year were packed with multi-pronged activities such as academic, community development programmes, cultural activities sports, etc.

Student's Council of the college for the academic year 2009-10 was constituted 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 2009-10. The council was formed with the following members and representatives for various activities were nominated.



ACADEMICS :

Miss. K. Joshi	B.Sc. II (PM Comp)
Miss. P. Pathak	B.Sc. III (PM Comp)
Ms P. Udupure	B.Sc. II (H. Sci)
Ms A. Gautam	B.Sc. III (H. Sci)
Ms N. Tiwari	B.Sc. I (H. Sci)

N.S.S. :

Mr. S. Petkar	B.Sc. III (PM Comp)
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SPORTS:

Lata shalkar	B.Sc. I (CZM)
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CULTURAL ACTIVITY:

Ku. R. Sonpiple	B.Sc. III (CZM)
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LADIES REPRESENTATIVE:

Ku. D. Mahakalkar	B.Sc. III (E. COM)
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First meeting of the college student's council was held on 11th Sept 2009 at 11.30 a.m and Sumedh Wankhede of B.Sc Final was elected as Secretary of the College Student Council.



Programmes organized by the Student's Council:

1) The college celebrated '**Gurupournima**' on 7th July 2009. The chief speaker on the occasion was Vice-principal (Jr. College), Prof. P. M. Pusadkar.

2) **Swine – Flu Awareness Rally :**

The college organized a Swine-Flu awareness rally on Independence Day. It was followed by Swine-Flu awareness programme which was held at Pandhrabodi slum area. On this occasion Dr. Pinak Dande, an alumnus of the



college, informed the slum dwellers about Swine Flu and explained the precaution to be taken to avoid incidences of Swine Flu. The cloth masks prepared by Students of Textile department were distributed to the people of Pandhrabodi.

Dr. Dande demonstrated how to use the mask and explained them its use also.

3) The college celebrated '**Teacher's Day**' on 5th Sept, 2009. The Chief Speaker on the occasion was Vice-Principal (Jr.College) Prof. Anant Nasery who spoke on "Importance of Guru in Ones Life".

4) **Commemoration of Digvijay Din :**

"**Digvijay Din**" was observed on 11th Sept. 2009 in memory of Swami Vivekanand's famous speech in Chicago conference. Dr. Rajech Pashine explained the theme of the programme. The chief speaker on the occasion was Dr. Hemant Jambhekar who guided the students by throwing light on enlightening facts of Swamiji's life. Ms. Namrata Singh (B.Sc. I) & Ms. Poonam Bachale (B.Sc. III) presented a speech befitting the occasion. Ms. Anuradha Gulkar (B.Sc. III) & Ms. Madhuri Thembre



(B.Sc.III) presented the original speech of Swami Vivekanand in English and Hindi respectively.

5) **Hindi Diwas :**

Hindi Diwas was observed on 17th Sept. 2009. On this occasion “Shikshak Vidyarthi Kavi Sammelan” was organized. The chief guest of the function was Shri Mithilesh Awasthi, and the Guest of Honour was Kavi Dayashankarji Tiwari (“Maun”) a famous Hindi poet.



Students and staff members actively participated in this programme.

6) **“Late Madhur Dahake Memorial Intercollegiate Debate Competition” was organized on 25th September 2009 .**

The topic of the debate was “The present Indian Education System is leading towards total collapse”.

The Chief Guest of the function was Shri. Vishram Jamdar, a well known Industrialist and the member of our Managing Committee and the judges were Mrs. Archana Singh Soni – Senior Sub-editor, Lokant Samachar, Mr. Sunil Kuhikar, Chief sub-editor, Tarun Bharat and Dr. Hemant Jambhekar, secretary V. H. Parishad.

In all 19 colleges participated in this competition.

The first prize was bagged by Ravi Shukla, Vasantrao Naik Govt. Institute of Arts & Social Science, Nagpur.

The Running Trophy was bagged by Shivaji Science College, Nagpur.



7) **‘Constitution Day’ :**

A programme on “The Constitution Day” was organized on 26th Nov. 2009 to celebrate the completion of 60 years of the Indian Constitution.

The chief guest of the function was Prof. Dr. Jogendra Gawai, Head Dept. of Political Science, P.G.T.D., R.T.M. Nagpur University, Nagpur. On the very onset of the programme homage was paid to the Martyrs (Shahid) who had lost their lives in the terrorist attack of 26/11/08 in Hotel Taj, Mumbai. Prof. Gawai in his guest lecture explained the importance of the day and tried to clear the misconception which are there in the minds of the common people about the constitution. He also spoke about the fundamental rights, the directive principles and about secularism. Principal of the college, Dr. Asha Bhate and audience attending the function read out the preamble of the constitution during the programme. All the students and staff members were present in large numbers.

8) **Mahaparinirvan Din :**

“Mahaparinirvan Din” was observed on 6th Dec, 2009, to pay homage to Dr. Babasaheb Ambedkar, an architect of Indian Constitution. The chief guest of the occasion was Dr. Ms. Asha Bhate, Principal, of the college.



9) **“Ramanujam Day”**

In the honor of great mathematician, Ramanujam, Dept. of Mathematics organized a function on 22nd Dec, 2009, wherein, Prof. P. R. Shende, Associate Professor, Dept. of Physics spoke on different facets of Ramanujam’s life.



10) **Savitribai Phule Jayanti**

was celebrated by the college on 5th Jan, 2010. Chief guest of the function Dr. Mrs. Seema Ubale, Deptt. of Physics of the college addressed the students.



11) **Vivekanand Jayanti** was

celebrated on 12th January 2010. Vice-principal Dr. C. V. Dhule addressed the students.

12) **Republic Day** was celebrated on 26th January, 2010 with great enthusiasm and zeal.

The chief guest of the function was (former) Wing commander Ashok Mote. Through his motivational speech he inspired the students and staff and appealed the students to join Arm Forces.

All the Teaching and Non-Teaching staff and students were present on the occasion. Tricolour was hoisted followed by national anthem and patriotic songs presented by the students.

On this occasion Endowment Prizes, Departmental Prizes and other prizes were distributed to the students and the teachers were felicitated for their achievements.

CULTURAL AND SPORTS EVENTS

The Annual College event 'SPHURTEE-2009' was celebrated from 26th Dec. to 29th Dec, 2009, which included various cultural events and sports .

The "SPHURTEE –2009" was inaugurated at the hands of principal Dr. Ms. A. M. Bhate which was followed by Saraswati Pooja.

Various cultural activities like singing, dance, mimicry and one act play were organized on this day.



On 29th Dec. 2009, the final cricket match was played between Gold-Star XII and 11 Stars (MCVC 11th Std.) in the afternoon programs like FETE, Traditional Day and Antakshari were held.

Antakshari competition between the students (Naya Daur) and teachers (Purani Yade) was conducted. The programme was charged with enthusiasm; due to fantastic and inspiring rounds and also wonderful anchoring by Gaurav Lakhe and Ku. Kanchan Borkar.

The programme concluded with prize distribution ceremony.

The winners of various competitions were:-

Singing :- 1st – Abhishek Aage (12th Std.)

2nd – Ku. Pradnya Phatak (B.Sc. III P.Com.)

3rd – Ku. Aparna Khanzode (B.Sc. III S.Com.)

Dance :- 1st Krunal Jogdand (B.Sc. I PME) – Solo dance

2nd Ku. Parinita Jagptap (11th Std.) – Solo dance

3rd Rushab and Group (Group dance)

One Act Play :- Ravi Mandkar (B.Sc. II CZM)

Cricket :- Winning team – Gold Star XI (12th Std.)

Runner up team – 11 Stars (MCVC 11th Std.)

Mr. Pravin Singh (MCVC 12th Std.) was announced Best Bowler and Best Batsman of the year.

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

There is no direct linkage at National/ International level for academic degrees, but we take help from National institutes for research and project work.



This year an MOU has been signed between our college and Gou Vigyan Anusandhan Kendra, Deolapar.

41 Any other relevant information the institution wishes to add:

In- house facilities available in the college include -

Y.C.M.O.U. Study Centre offering courses of U.G. and P.G. in Bioinformatics..

Bank of Maharashtra Extension Counter.

Dharampeth College **Employees Credit Co-operative Society.**

Lush Green Campus sprawling in 5 acres of area include huge playground, Botanical garden and ample parking area for students and staff.

Annual Maintenance Contract (AMC) for repairs and maintenance of Computers is carried out by vocational department of the college.

Dharampeth Education Society:

Dharampeth Education Society always encourages the staff and students to implement new ideas. On our campus we have YCMOU study centre, Vocational Department and our education society has newly launched Dharampeth Polytechnic College . 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

The college has formulated plans for the benefit of all the stakeholders and for quality enhancement. Our focus would be mainly :

- * To Strengthen IQAC activities as the college is preparing for reaccreditation by NAAC.
- * To start insurance facility for students.
- * Organization of various curricular and co-curricular activities for students through departmental associations.
- * Arranging guest lectures of eminent personalities.
- * To nominate students on academic and administrative bodies.
- * Encourage students to avail Earn- while- you learn facility.

Strengthen **College - neighborhood networking** by organizing programs like :-

- * Computer Awareness
- * Personality development
- * Sanskar Shibir for students and dropouts residing in near by slum area.
- * Improve e - learning facility in the library.
- * To organize workshop for office staff for their competence building .

Dr. Asha Bhate

Principal



Report of National Seminar

'Kanyaka: In Pursuit of Boundless Horizon'

21st November, 2009

The NFB (National Federation of the Blind) sponsored National Seminar 'Kanyaka: In Pursuit of Boundless Horizon' was organized on 21st November, 2009. The Seminar was inaugurated at the hands of the Chief Guest Dr. Rajan Welukar, Director of Sydenham Institute of Management, Mumbai and Former V.C., YCMOU. Dr. Shirish Deshpande, President, Nagpur Branch of National Federation of Blind was the Guest of Honor.

Dr. Rajan Welukar, Former V.C., YCMOU, opined that “women of today form the biggest consumer- group; hence they should realize their strength and should use it to control the market and the society.

Dr. Shirish Deshpande, stressed on the need of reconstruction of the patriarchal society into a free and fair society where women will have same status as that of a man.

Key-Note speaker Dr. Snehlata Deshmukh, Ex. V.C., Mumbai University, delivered her lecture on 'Garbh-Sanskar' and highlighted the positive effects of Music Therapy, Yoga, Pranayam etc on Foetus and about the do's and don'ts for the 'would be' mothers.

On this occasion, the following achievers were felicitated for excellence in their fields.

- Mrs.Vimala Negi-Deoskar for excellence in Mountaineering.
- Dr.Anuradha Shrikhande Project- Director, Detection of Haemoglobinopathy & Sickle Cell Anaemia Unit, IGGMC, Nagpur, for her dedicated service to Sickle-cell Anaemia patients.
- Ms. Manisha Kadukar, a partially blind athlete.
- Dr. Mrs. Sulabha Dagaonkar for sponsoring education of underprivileged girl students.



- Dr. Mrs.S.S.Deshpande for rehabilitation of orphan girls.
- Dr. Hemant Jambhekar for adopting Adivasi girls.

Technical Session- I

Technical Session - I was conducted by Dr. Asha Bhate, Principal of the college, who delivered a lecture on 'Reflections of Biological Phenomena in Woman's Behaviour'.

In her presentation she emphasized that we should welcome the birth of every 'Girl Child' with a smile. The session was presided over by Dr.Shubhada Khirwadkar, well-known paediatrician of the city.

Technical Session-II

In Technical session-II, Shri Arvind Inamdar, Former Director General of Police, (Maharashtra), shared his views on 'Empowerment of women'. He portrayed Women as a form of 'Shakti' and if they realize their hidden strength, nobody in the world can dominate them.

An animation film on 'Female Foeticide' was presented by Ms. Kaumudi Sahasrabuddhe, Mumbai.

Technical Session - II was presided over by Dr.Mrs. Sandhya Nair A Poster Exhibition was arranged on topics related to the theme of `Kanyaka`. The posters of students from Dharampeth Science College and Hislop College were displayed. The posters by Mrs. Mohite from Deptt. of Fine Arts , RTM Nagpur University, depicting various facets of the life of a woman were also on display.

During the Valedictory Function, a Panel discussion on the subject 'Gender Discrimination: Can it be curbed?' was held. Dr. Nilima Sinha, Head, Dept. of Home-Economics, Vasantao Naik Government Institute of Arts & Social Sciences, Nagpur (VNGIASS), presided over the function. Panelists, Advocate Ravindra Khapre, Ex-Chair-Person, Bar Council of Maharashtra and Goa, and Mrs. Pritee Baitule, Principal, Panchafulabai Pawde Mahavidyalaya, Warud, expressed their views on the issue . This was followed by the open forum, which came to the conclusion that 'There is dire need of changing the mindset of male preference of the society, which



only can curb the Gender Discrimination. And this can be achieved through broad discussions.

The seminar received overwhelming response.



Dignitaries on the stage at the inaugural function of National Seminar :KANYAKA



Chief Guest Dr. Rajan Welukar, Hon. VC of YCMOU, Nashik addressing the participants



Hon. VC of YCMOU, Nashik Dr. Rajan Welukar
Felicitating Hon. Former VC of Mumbai Univesity Dr. Snehlata Deshmukh



Hon. Former VC of Mumbai Univesity Dr. Snehlata Deshmukh
delivering key-note address



Dr. Asha Bhatte, Principal of the college delivering her lecture



Dignitaries in the audience



UGC Sponsored National Symposium

‘Nanotrends 2009-10-In The Modern Techno-scientific Era’

Organized on 12th March 2010

The college organised UGC Sponsored National Symposium ‘**Nanotrends 2009-10-In The Modern Techno-scientific Era**’, on 12th March 2010 in the College. The theme of the symposium was :

- Promotion of differential aspects of Nanoscience and Nanotechnology.
- Nanotechnology- Its impact on the society.
- ‘Powering’ the future with Nanotechnology.
- Exploring the major advances in diagnostics and biomedical research.
- Nanotech for human welfare.

In the year 2008 our college had organised the Symposium ‘Nanotrends-2008’ which had emphatically explored the disciplines of Physical Sciences. The second Symposium ‘Nanotrends 2009-10’ has covered other disciplines of Biological and Chemical Sciences, thus fulfilling the multidisciplinary objectives of current scenario in Nanoscience and Nanotechnology.



Chief Guest Dr.J. Mukhopadhyay, Director, Jawaharlal Nehru Aluminium Research Development and Design Center, Nagpur, delivering his inaugural address

Chief Guest Dr.J. Mukhopadhyay, Director, Jawaharlal Nehru Aluminium Research Development and Design Center, Nagpur, inaugurated the Symposium. He said that the students should give more emphasis on learning basic Sciences as it is the key to all newer technologies emerging in resent times. According to him every scientist should remember four mantras of energy utilization, these are generation, utilization its wastage and recycling back to the nature.



Dr. S.J. Sahastrabhojne, President Dharampeth Education Society addressing the delegates



Guest of Honour and Key Note Speaker Dr.K.S.Ramchander Rao ,
Professor and HoD of Biotechnology, Aurora's Technological and Research Institute,
Uppal, Hyderabad delivering his key-note address

Dr. Sudhir Sahasrabhhojane, President of Dharampeth Education Society, Chaired the programme while Dr.K.S.Ramchander Rao, Professor and HoD of Biotechnology, Aurora's Technological and Research Institute, Uppal, Hyderabad was the guest of



honour and Key Note Speaker. In his Key Note address he explained all the facets of Nanotechnological applications in a lucid manner. He also released a Souvenir.



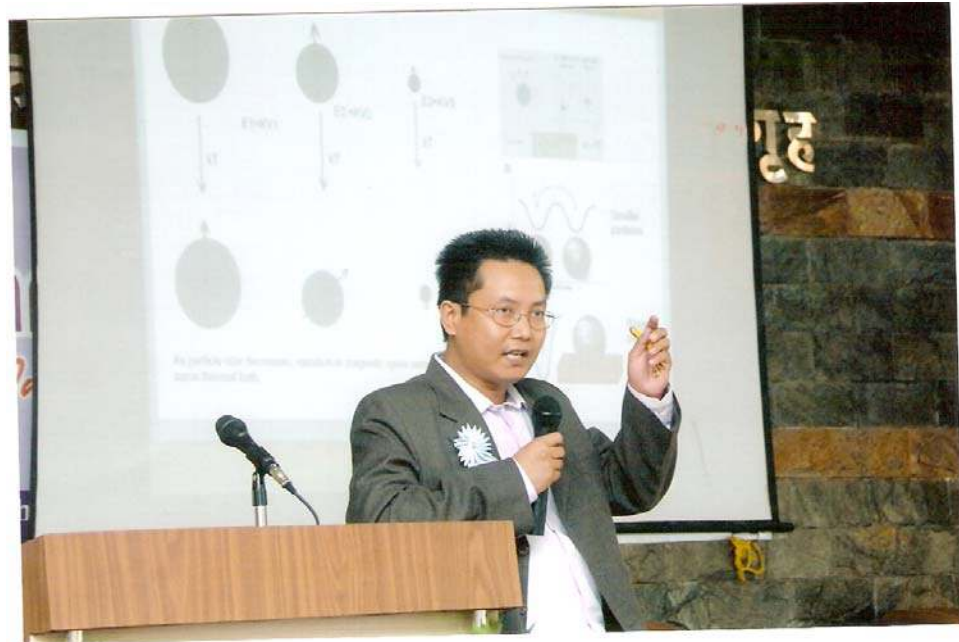
Release of Souvenir

Principal of the college Dr. Ms.Asha Bhate presented a welcome speech.Dr. N.L. Khobragade, Convener of the Symposium, explained the theme of the Symposium.

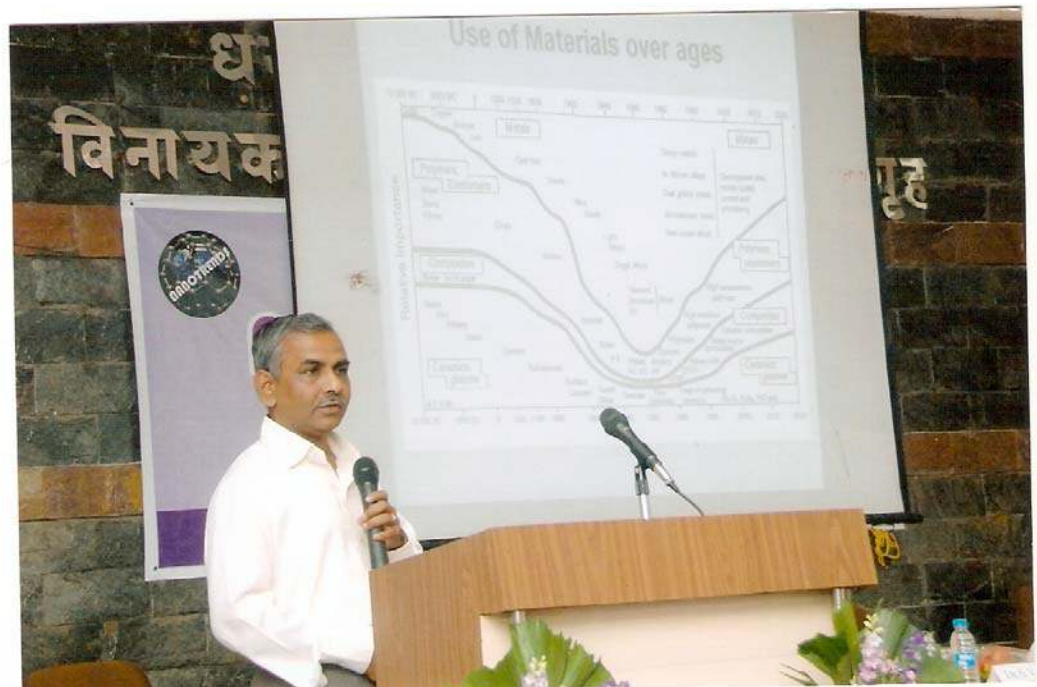
The inaugural function was followed by two technical sessions. In the first technical session Dr. Raghumani Singh Ningthoujam, Scientist, BARC, Mumbai, delivered a lecture on Nanomaterials for targeted Drug Delivery and Luminescence Devices. In the second lecture Dr. Dilip Peshwe, Professor of Metallurgy Department, VNIT, Nagpur, explained various aspects of Nanotechnology and its impact on the society.

In the second technical session Dr. Hemant Jambhekar, Mrs. Kalpana Patankar, Dr. Vaijayanti Asolkar, Mr. Devwrat Likhite, Mr. Shomit Agrawal and Prof. A.S.Lanje presented the papers.

The Symposium was attended by 198 Participants from various fields of Science and Technology.



Dr. Raghupati Singh Ningthoujam Scientist, BARC, Mumbai presenting his work



Dr. Dilip Peshwe, Professor of Metallurgy Department, VNIT, Nagpur delivering a lecture



**Seminar on Preparations for NET/SET Examinations
in Life Sciences (10th April 2010)**



Dr. S. J. Sahastrabhojnee, president D.E.S. &
Dr. Asha Bhate, Principal of the college
at the inaugural function



Mr. P.T. Humne Faculty of the college &
Resource person for the seminar interacting
with the students