

॥ अंतरी पेटवु ज्ञानज्योत ॥



North Maharashtra University, Jalgaon (Maharashtra)
Annual Quality Assurance Report (AQAR) of the IQAC
2009-10

SECTION- A

Plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement :

1. To implement CGPA system and confer Academic Flexibility to the Schools/Departments on the campus. Revision of syllabi to accommodate CGPA system.
2. To introduce semester system to T.Y. B.Sc., F.Y. Com. and B.A.
3. To submit SAP-DRS (II) and FIST-DST level II proposals of Schools of Life, Chemical and Physical Sciences and to encourage other Schools/Departments to submit proposals under them.
4. To make budgetary provision for providing financial assistance for organizing Conferences/Seminars/Symposia to the Colleges and University Departments and travel grants for attending International Conferences to college and campus teachers.
5. To introduce a couple of new PG programmes on campus.
6. To establish a Centre for Studies in Nano-Science and Technology with sophisticated analytical facilities like SEM, TEM, AFM etc.
7. To purchase a Mobile Van for implementing the activities of Science Park.
8. To install a Biogas System in the Ladies Hostel on experimental basis to utilize the food waste generated in the mess for generating biogas.
9. To install LED based Solar Street Lamp system on campus on experimental basis.
10. To establish a 3D theatre at the Rajiv Gandhi Science & Technology Commission Center for science popularization amongst students.
11. To start a new interdisciplinary Science Journal at the University campus.
12. To establish the facilities of routine blood and urine analysis at University Health Center and to organize health check-up camps for the employees of the University.

13. To make provision for land for the construction of 250 and 500 bed girls and boys hostel respectively for tribal students of N.M.U. jurisdiction to be developed by Ministry of Tribal Welfare, Govt. of Maharashtra, Mumbai.
14. Renovation of Gandhi Philosophy Center, Dhule.
15. Construction of permanent Convocation Stage, Convocation Hall (2500 capacity), Indoor Stadium with multipurpose hall, Swimming Pool of International standards, Social Sciences building and Zonal Parkings Phase-I.
16. To provide fix furniture and interior works in various Schools/Departments (Phase-II).
17. Extension of existing Water Supply scheme which include wells, sumpwells and Gas Chlorination plant from the XIth Five Year Plan grant of the UGC, New Delhi.
18. To implement the recommendations of NAAC Visiting Team (The University has undertaken the proposal of constructing the Central Cafeteria in front of the Main Administrative Building as suggested by the NAAC Team).
19. To organize State Level N.S.S. programme “UTKARSHA” in association with Department of Higher & Technical Education, Govt. of Maharashtra, Mumbai.
20. To organize West Zone Inter-University Basket Ball Tournament at the University Sports Complex.
21. Under the newly introduced CGPA scheme, it is planned to provide one credit each during Semester-III and IV (for two year PG Programmes) for seminar activities to develop communication skill and stage boldness among the students.
22. The Department of Computer Science proposes to organice 2/3 days workshop on latest technology trends by inviting experts from the industry to keep its student abreast with the latest technology in the fast moving IT field.
23. The Department of Computer Science shall submit proposal to AICTE for starting B.Tech. Computer Science and Engineering and M. Tech. Computer Science and Engineering courses from the academic year 2010-11.

SECTION- B

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

The mission of the university is as follows :

“To impart relevant quality higher education to the students, to groom them to be conscious researchers, technologists, professionals and citizens, bearing the torch for disseminating knowledge in masses for suitable socio-economic development of the society.”

Some major activities broadly reflecting the mission objectives of the University are as below :

- a) Seminars, symposia, conferences and workshops were organized for inculcating and appreciating research/scientific attitude among students.
- b) To develop skilled scientific manpower, the following activities were conducted :
 - i) In-plant training.
 - ii) Projects (to PG students) in tune with industrial demand.
 - iii) Study tours and Industrial visits.
- c) For the overall development of the students, programmes like “Open House, Management Week, Science Day, Hindi Day, Marathi Patrakar Din Celebrations, Guest Lectures on Popular Topics, Light and Classical Music Programme presentations, Liasoning with other Institutes/Universities, Guidance for competitive examinations etc. were organized as a part of co-curricular and extra-curricular activities.
- d) A University level Research Festival, AVISHKAR-2009 was organized during 1-2 December, 2009. As many as 345 entries in different categories and 700 students and teachers participated in it. A total of 48 prizes were distributed and the Winners represented the University at the State level AVISHKAR held at Solapur University, Solapur during 11-13 January, 2010. The University team won 02 gold and 05 silver medals and was ranked IIIrd in the State after Pune and Mumbai Universities, respectively. The names of the prize winners at the State level AVISHKAR are tabulated below. The programme provides a forum to showcase the research activities of students at different levels (UG, PG and Research) and help develop research attitude and temperament among the students.

Sr. No	Name	Category	Prize Details
1	Manoj Chandak	Pure Science/PG Category	1 st Prize
2	Nanda Jain	Management/Teacher Category	1 st Prize
3	Nilima T. Mhaske	Social Sciences/Teacher Category	2 nd Prize
4	Mayura Gujrathi	Pure Science/Teacher Category	2 nd Prize
5	Tushar Jaware	Engineering/Teacher Category	2 nd Prize
6	Chandrashekhar D. Patil	Agriculture & Animal Husbandry/ PPG Category	2 nd Prize
7	Pushparani Mudaliyar	Pure Science/PG Category	2 nd Prize

- e) Workshops were organized for college Principals, Teachers and Management representatives to enhance quality education in colleges affiliated to this university.
- f) For creating good, tolerant and socially responsible citizens, the university has been making efforts through following Satellite Campuses of the University situated at different places :-
- i) Mahatma Gandhi Philosophy Centre, Dhule.
 - ii) Pratap Regional Philosophy Centre, Amalner.
 - iii) Mahatma Gandhi Research Foundation in collaboration with Jain Charities, Jalgaon.
- g) Rallies, Conferences, lecture series and exhibitions were organized for creating interest amongst the students of respective branches.
- h) To create interest of the students in the cultural activities event like INDRADHANUSHYA was organized at NMU level.
- i) For the overall development of tribal students, the university has been conducting various activities through its Eklavya Training Centre at Nandurbar.
- j) The University has established a Centre of Rajiv Gandhi Science and Technology Commission, Govt. of Maharashtra, Mumbai to stimulate socially relevant scientific activities in its jurisdiction.
- k) The university has taken steps to establish a science park on the campus for popularizing science among masses.
- l) Six month full time Industrial Training for Computer Science Post-graduate students is arranged for doing projects in tune with industrial demand.
- m) Publishing “UMAVI WARTA” periodical regularly, which reflects important activities conducted on the campus and important relevant information for staff and students on the campus.
- n) Study of indigenous culture through folk literature, folk and oral traditions and the study of dialects and develop language proficiency is done through the Department of Comparative Languages and Literature.

- o) Promotion of personality development and soft skills through the organization of workshops.
- p) The School of Life Sciences provides agro-inputs and consultancy and analytical services to the farmers and industries in and around the city of Jalgaon.
- q) The School of Life Sciences organized workshop on sophisticated instruments for the benefit of students.
- r) The Department of Mass Communication and Journalism arranged both local and outdoor (Agra, Delhi, Amritsar) Media Study Tours during 16-24 December, 2009 for providing first hand experience of various publication activities for its students.
- s) The School of Environmental and Earth Sciences is working on preparation of a data bank on local and regional environmental issues. It also strives hard to create environmental awareness in the society.
- t) The Department of Education arranged participation of its students in lesson planning and demonstration workshop of B.Ed. and D. Ed. Colleges. The students also participated in school practice lessons of B.Ed. and D.Ed. students.
- u) The students of this department were given hands on training by conducting lectures for B.Ed. and D. Ed. Students and participation on Unit Planning and Teaching in B.Ed. and D.Ed. colleges.
- v) The M. Ed. Students were encouraged to use various psychological tests to become counsellor and guide for different purposes.
- w) The M. Ed. students of the department have completed individual dissertation, home assignment, participation and paper presentation in seminars, workshops, 'prakat chintan' in daily assembly.
- x) The University organized, under the UGC scheme, NET/SET Coaching in 07 different subjects (Computer Science, Chemical Science, Life Science, Marathi, English, Education and Mathematical Sciences) during 7.12.2009 to 16.12.2009.

2. New academic programmes initiated (UG and PG.) :

Sensing needs of the society, industries and recommendations of the NAAC Peer Team, the university has started following new academic programmes on campus :-

Name of the Course	Duration
M.Sc./M.A. in Applied Geography	02
M. Tech. in Nano Science & Technology	02
M. Tech. in Oliochemical and Sufactant Technology	02
M. Tech. in Pharmaceutical Technology	02
Advance Diploma in Banking	01
M. Phil. (History)	02

Besides, certificate courses in foreign languages, Japanese, Russian as well as Spoken English were started in the Department of Comparative Languages and Literature.

3. Innovations in curricular design and transaction :

In view of granting the Academic Flexibility to University Schools/Departments, the Management Council in its meeting held on 30.01.2009 vide its resolution no. 2/2009 resolved that all University Schools/Departments are given academic flexibility from the academic year 2009-2010. In this regard, the University has prepared rules & regulation for implementing academic flexibility in the various departments/Schools on campus. Under the CGPA, the examination pattern has changed to 75 final examination and 25 internal examination. Apart from regular theory lectures and practicals; seminars are arranged in the School where students select some research topic and present in front of the faculty and students. They are also needed to take the project work during third and fourth semesters.

a) The following innovations in curriculum design are made by the Department of Computer Science during this year:

- (i) Twelve credits shall be awarded to the Industrial Training/Project course, which will commence in IV Semester and the final work and report will be completed at the end of IV Semester for M.Sc. (Computer Science), M.Sc. (Information Technology) and which will commence in VI Semester and the final work and report will be completed at the end of VI Semester for M.C.A. The marks and the credits will be allotted at the end of IV Semester for M.Sc. (CS), M.Sc. (IT) and the end of VI Semester for M.C.A.
- (ii) One credit, in second semester (i.e. for Semester II M.Sc. and M.C.A.) for the Seminar and Three credits (in Semester III for M.Sc. and Semester V for M.C.A) for the Softskills Development Course have been allocated. The seminar shall be conducted as per the following depending on the applicability of the subject - Every week there shall be a period for seminar wherein the students have to select the topic, carry out literature survey and prepare seminar report.

As a general practice, syllabi are revised after every 5 years. However, in some disciplines like Computer Science and Engineering the syllabi are being revised as and when required by the Board of Studies. During revision of syllabi, the focus is kept on changing needs, advancement in knowledge in the relevant subjects. The Board of Studies comprises of two co-opted members which are essentially from industrial sector and two eminent academicians to reflect the changes occurring in the fields or practiced in industry. The following innovations in curriculum design and transactions are made by the university during this year

- (b) The School of Life Sciences has revised the M. Sc. II syllabus of Microbiology, Biotechnology and Biochemistry in this year with focus on Agro-biotechnology.
- (c) The syllabus of M.Sc. II Physical Chemistry is revised by introducing important topics on Kinetics, Electro-Chemistry and Quantum Chemistry.
- (d) The Department of Education and Department of Physical Education have introduced internship programme and new optional papers from this year.

- (e) The School of Environmental & Earth Sciences has revised syllabus of various courses during this period and accepted the system of CGPA to be introduced from the next academic year. While revising syllabus emphasis is given on the topic of exploration of mineral & petrochemical industry.
- (f) The Department of Computer Science has introduced a new theory paper on ‘Current Computing Trends’ to the students of M. Sc. (Computer Science), M.C.A. and M.Sc. (Information Technology).
- (g) The syllabi of B. Tech. (Plastics, Paints, Chemical Engineering, Oil and Food Technology) were revised according to new Credit System. Number of electives has been added to provide opportunity for learning different trends in Engineering and Technology.
- (h) The syllabi of new M. Tech. courses viz. M. Tech. (Pharmaceuticals), M. Tech. (Oleo-chemicals & Surfactants), M. Tech. (Nanoscience & Technology) are prepared according to new guidelines of Credit system. These courses are to be introduced from the next academic year i.e. 2009-10.
- (i) The Department of Management Studies revised syllabi of M.B.A.-I keeping in view the current trends.

4. Interdisciplinary programmes started :

Besides pure and applied subjects, the university offers many programmes which are of interdisciplinary nature on its campus. The programmes include M.Sc. in Biotechnology, Biochemistry, Industrial Chemistry, Computational Mathematics, Energy Studies, Material Sciences, Polymer Chemistry and Environmental Science. The University promotes and encourages research in interdisciplinary areas. Several projects funded by Central Government funding agencies are being implemented in University departments.

The University has started following new interdisciplinary programme during the academic year 2009-10.

- (i) M. Tech. Oleo chemicals and Surfactants Technology.
- (ii) M. Tech. in Nano Science and Technology (covered under **Innovative Programme of UGC**).
- (iii) M. Tech. in Pharmaceutical Technology.
- (iv) Advance Diploma in Banking (Supported by UGC, New Delhi).

5. Examination reforms implemented :

In tune with the concept & suggestion of UGC, New Delhi & NAAC, Bangalore, technological advancement and social needs to make teaching effective and meaningful, the majority of the departments/schools have adopted Credit-Grade based Performance and Assessment (CGPA) system from academic year 2009-2010.

Under this, the examinations are conducted on the autonomous basis. A continuous evaluation system which include home assignment and seminar by each student was followed as per the current trends in higher education.

The Examination Section is the most sensitive and important section of the university administration. To enhance credibility and transparency of the system and for preventing malpractices in the examination following reforms have been made :

- a) Semester Pattern for T.Y.B.Sc.
- b) Introduction of Bar-code answer-books for all examinations of the University.
- c) The power to verify the eligibility of students who have sought admission to F.Y.B.A., B.Com. & B.Sc. Courses after passing 12th Std. examination from Maharashtra State are given to Principals of affiliated colleges.
- d) The assessment of answer books of F.Y.B.A., B.Com. & B.Sc. level is carried out at the exam centers (respective colleges) only.
- e) The academic flexibility is given to University Academic Departments and Credit Grading System is introduced for examinations conducted by these Departments.
- f) Data base has been made available for Online Degree verification.
- g) A state of the art EDPS system, developed by Exxon Company, Mumbai, is procured and used for preparing results of some courses.
- h) Final year marks statement and degree certificates are issued with student's photograph and signature.

6. Candidates qualified NET/SET/ GATE :

The number of students qualified in the various national level competitive tests are given below :

Sr. No.	Name of Schools/Department	No. of candidates qualified			
		NET	SET	GATE	Total
1.	School of Life Sciences	01	-	05	06
2.	School of Chemical Sciences	01	-	-	01
3.	School of Environmental & Earth Sciences	01	01	-	02
4.	School of Physical Sciences	01	-	-	01
4.	Department Mathematics	02	-	-	02
5.	Department of Education	-	01	-	01
6.	University Department of Chemical Tech.			03	03
7.	Department of Library & Information Sci.	01	-	-	01
8.	Department of Music	01	-	-	01
9.	Department of Computer Science	01	-	01	02
Total		09	02	09	20

- ❖ Mr. Jagmohan Hooda has cleared GRE/TOEFL and obtained admission to Ph.D. course at Texas University, USA.

7. Initiative towards faculty development programme :

- (i) The University provides financial assistance and special leave to the faculty members for attending conferences, symposium, seminars and workshops both at National and International level. Faculty members of the department are regularly attending conferences/seminars/workshops for presenting/discussing ongoing research work.

The faculty members who have attended Refresher/Orientation Course are tabulated below :

Sr. No.	Name of the faculty	Name of the faculty development programmes attended
1.	Mr. Ajay S. Patil, DOCS	Orientation Course
2.	Mr. Ajay U. Surwade	Orientation Course
3.	Mr. S.V. Kapse	Refresher Course
4.	Mr. K.F. Pawar	Refresher Course
5.	Mr. C.T. Age	Orientation Course
6.	Dr. P.R. Puranik	Refresher Course
7.	Dr. M. Talib	Refresher Course
8.	Dr. V.M. Rokade	Refresher Course
9.	Dr. V.V. Gite	Orientation Course

- (ii) The Department of Computer Science has organized a lecture series in **Computer Science** on 13th March, 2010.
- (iii) Dr M. Talib and Dr G A Usmani attended certificate course on nanotechnology conducted during May 11-15 2010 under Advance learning Centre of UDCT NMU Jalgaon.
- (iv) Mr M L Bari and Mr Vinod Mokale attended Workshop on 'Diverse Aspects of Nano Science and Technology' during April 01-12, 2010.
- (v) Dr. Sudhir Bhatkar, Participated as a resource person in one day Regional level seminar on 'Commerce & Management Syllabus Educational literature' at Advt. Baheti Arts, Commerce & Science College Jalgaon. (Dec, 2009).
- (vi) Dr. Sudhir Bhatkar, Participated as a resource person in two day State level Workshop on 'Social, Political Reality and Media' at Department of Journalism, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (Jan 2010.)
- (vii) Mr. Vinod Nitale, Participated as a resource person in six day State level workshop on 'NET-SET paper preparation' organized by INSA institute at Amravati. (May 2010)

- (viii) Mr. Somnath Vadnere, Participated as a resource person in one day Regional level Conference on ‘Values and challenges before media in 21st century’ at Nasik.(June 2010)
- (ix) Prof. Shobha Shinde participated in University Grants Commission sponsored Training of Trainers Workshop for Capacity Building of Women Managers in Higher Education Organized by Tata Institute of Social Sciences, Mumbai from 4 - 9 Jan. 2010.
- (x) Prof. Shobha Shinde was invited as a Resource Person for UGC. Academic Staff College, Refresher Course in English at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (17th Sept 2009), Rashtrasant Tukdogi Maharaj Nagpur University, Nagpur (11th -12th Nov 2009), UGC Capacity Building of Women Managers in Higher Education held from 23-27 Feb 2010 at MES College of Arts & Commerce, Goa and ‘American Studies in the 21st Century’ conference organized by American Centre, Mumbai (27th Nov 2009).
- (xi) Prof. Shobha Shinde presented a Paper entitled “Post Colonial Cultural Transformations : The Dalit Voices in India at Reimagining Identities : Post Colonial readings Conference held at Waterford Institute of Technology , Ireland on May 6-8,2009.
- (xii) Prof. Shobha Shinde served as chairperson of a Session in International Workshop on Post Soviet Russia : Emerging Trends on 27 - 28 Jan, 2009.
- (xiii) Dr. Mukta Mahajan participated in Two Days workshop at Maharashtra State Textbook Bureau, Pune on 9-10 Nov. 09.
- (xiv) Dr. M.S. Pagare served as resource person at the national level Seminar held in Brahmanpuri on 23 Dec. 2009 and was also a Coordinator of State level Seminar ‘Aadivasi Sahitya’ on 25th Jan 2010.
- (xv) Dr. M.S. Pagare participated International workshop on Post Soviet Russia : Emerging Trends on Jan 27-28,09.
- (xvi) Dr. K.S. Sarvekar was chief guest & session Incharge at the National conference organized by Vidarbha Sanshodhan Mandal & Bharatiya Bhasha Sansthan at Nagpur on 14 – 15 Nov. 2009, publication ceremony of ‘Genai ‘ story book written by Morsing Chavan at Mansinga College’ Pachora on 17/2/2010, Distribution ceremony of Poetry book – kavyanjali and President of kavi sammelan at Jamner on 28 July 2010 and Chief Guest Vangmay Mandal at R.C. Patel College , Shirpur on 22 July 2010.
- (xvii) Dr. K.S. Sarvekar served as Resource person of Refresher course at Dr. BAMU, Aurangabad on 27 Nov 2009.
- (xviii) Dr. K.S. Sarvekar served as a creative writer workshop on Drama with co-ordination of Maharashtra Rajya Sahitya Sanskruti Mandal Mumbai & NMU Jalgaon on 22-24 Dec. 2009.

- (xix) Dr. Sunil Kulkarni participated in the International conference organized by BCUD, NMU, Jalgaon on 27-28 Jan 2009.
- (xx) Dr. Sunil Kulkarni presented paper ‘ Tulnatmak Anusandhan Pravidhi’ at National Conference organized by Pratap College , Amalner on 9-11 Feb 2009, Bhumandalikaran ke Pariperkhyia mein Vishwabaahutwa Evam Vasudhaiv Kutumbakam in conference organized by Hansaraj Mahavidyalaya and UGC New Delhi on 10-12 August 2009, Internet par Hindi Patra Patrika in National Seminar Organized by Arts , Com . Science College , Shegaon on 1st Feb 2010 and ‘Srivimarsha Sankalpna Evam Swaroop at New Arts, Com . Science College, Parner on 21-22 Feb 2010.
- (xxi) Dr. Sunil Kulkarni served as chairperson of the session ‘Principles and Practices of Translation‘ at National Conference organized by SNDT Mahila Mahavidyalaya, Jalgaon on 20-21 Feb 2009 and Vaishvikaran ke paripreleshya mein Hindi ka Samsamyik Sahitya in the State level Conference Organized by Radhabai Mahila Mahavidyalaya. Ahemednagar on 7-8 Jan 2010.
- (xxii) Dr. Ashutosh Patil delivered invited lectures on ‘Samaj Aani Sahitya‘ Orientation Course NMU Jalgaon 19/11/2009 and ‘Leadership , NSS Camp Dharangaon College at Sakree – 26/11/2009.
- (xxiii) Dr. Ashotosh Patil attended a training programme on “ Self learning material for Distance/Education” organized by Indira Institute of Management, Pune – 23-24 April 2010.
- (xxiv) Dr. Seema Joshi presented a paper entitled “Communication in the International Business – A menace or myth” in an International Research Conference on Management and Finanace, 2009 at Faculty of Management and Finance, University of Colombo, Srilanka.
- (xxv) Dr. (Smt.) R.S. Bendre attended workshop on capacity building for women managers in Higher Education in October 19-23, 2010.
- (xxvi) Dr. (Smt.) R.S. Bendre participated and presented research work at ICPAC 2010, Mauritius.
- (xxvii) Dr. K.K. Sharma attended 3rd Asia Pacific Conference on Radiation Chemistry and Trombay Symposium on Radiation and Photochemistry in Lonavala, September, 2010.
- (xxviii) The School of Environmental & Earth Sciences has organized a Refresher Course during March 5-25, 2009.
- xxix) As many as, 11 faculty members were provided financial assistance to the tune of Rs. 6.50 lakhs for attending International Conferences overseas as per the following table :

Sr. No.	Name of the faculty members	School/Departments
1.	Dr. N.G. Shimpi	U.D.C.T., NMU
2.	Prof. S. Mishra	U.D.C.T.
3.	Shri A.E. Sonaware	School of Physical Sciences
4.	Prof. S.T. Ingle	School of Environmental & Earth Sci.
5.	Dr. S.N. Patil	School of Environmental & Earth Sci.
6.	Dr. D.S. Patil	Department of Electronics
7.	Prof. P.P. Mahulikar	School of Chemical Sciences
8.	Dr. S.D. Kulkarni	Department of Comparative Lang. & Lit..
9.	Prof. D.H. More	School of Chemical Sciences
10.	Dr. A.M. Mahajan	Department of Electronics
11.	Dr. (Smt.) S.P. Joshi	Department of Management Studies

8. Total number of seminars/workshops conducted :

Various seminars/workshops conducted during this year are given below :

Sr. No.	Seminar/Symposia/Conference/Workshop	Duration
1.	Science Festival	June, 2009
2.	Four day State level Workshop on "NET-SET first paper preparation" at N.M.U Jalgaon.	Sept. 3-6, 2009
3.	Celebration of Hindi Day	Sept. 14, 2009
4.	Workshop on Ozone Day Celebration	Sept. 16, 2009
5.	Workshop on Celebration of International Astronomy Year	Sept. 24-25, 2009
6.	Two day State level Seminar on 'Doordarshan ne 50 varshat kay dile?' (What is given by Doordarshan in 50 Years?)	Sept. 26-27, 2009
7.	Seminar on Knowledge Commission	Dec. 7, 2009
8.	Refresher course on "Environmental Pollution and Natural Resources Management" sponsored by Academic Staff College, University of Pune, Pune	Dec. 10-30, 2009
9.	University level Research Festival "Avishkar-2009"	Dec. 12-13, 2009
10.	Natyalekhan Workshop in collaboration with Maharashtra Sahitya Sanskruti Mandal, Mumbai.	Dec. 22-24, 2009
11.	International Conference on 'Recent Advances in Polymer Technology' RAPT-2009.	Dec. 28-29, 2009
12.	International Conference on "Global Food Security: Concern, Reality & Remedies".	Jan. 2010
13.	National level workshop on research publication & Paper Presentation	Jan. 4-5, 2010
14.	National Conference on "Industrial Statistics and Computational Mathematics".	Jan. 21-23, 2010
15.	A state level one day Seminar on 'Adivasi Sahitya'	Jan. 25, 2010
16.	Workshop on Problem of Adolescents	Jan 27, 2010

17.	Workshop on Planning of self life	Jan 30, 2010
18.	National Conference on Natural Resource Management for Sustainable Development (NRMSD 2010)	Feb. 1-2, 2010
19.	Two day State level workshop on “T.V. Journalism Production and Editing process” At North Maharashtra University Jalgaon.	Feb. 2010
20.	Two day seminar on Agrobiotechnology under UGC-SAP-DRS-Phase II programme of UGC, New Delhi	March 5-6, 2010
21.	One Day Workshop on Statistical and Economical Aspects on Gender Inequality, Sex Ratio and Related Socio-economic Issues”.	March 08, 2010
22.	International Women Day – Health & Education for Rural & Tribal Women	March 10, 2010
23.	“MANTHAN-2010” Query Select * Competition UG and PG (55 Participant) Debug Competition C, Java.	March 10-11, 2010
24.	Workshop on “.NET 3.5	March 12, 2010
25.	Lecture Series on Recent Trends in Computing (By Mr. Anuj Jajoo, Wipro, Pune on Industry Readiness (Softskill Development Mr. Mahesh Gokhale, Micromax, Pune on Internet Security Mr. Rajeev Kamat, ITS Cybertech, Pune on Networks)	March 13, 2010
26.	One day National Seminar Organised on ‘Recent Advances in Chemical Engineering.	March 20, 2010
27.	Workshop on ‘Diverse Aspects of Nano Science and Technology’.	April 01-12, 2010
28.	Workshop for M.Sc. (Statistics) students and teachers on SAS software.	May 09-14, 2010
29.	One Day Seminar on “Career in Actuarial Science” and Counseling for Five Year Integrated Dual Course B.Sc. + M.Sc. (Actuarial Science).	June 21, 2010
30.	Three day State level Workshop on “NET-SET first paper preparation” at N.M.U Jalgaon.	July 27-29,2010.

- (i) A Lecture on “Medical Image Processing” by Prof. Dr. Hiremath, University of Gulbarga, Gulbarga, Karnataka on 29 March, 2010.
- (ii) University level Hindi poetry recitation/debating/paper presentation Competition was organized by the Dept in collaboration with Vidyarthi Kalyan Vibhag NMU Jalgaon on 25th Sept. 2009.
- (iii) On the occasion of Gandhi Anniversary , workshop on ‘ Study Skill ’s was organized for M. A. I Marathi, Hindi, English Student The Workshop was Conducted by expert Dr. R. M. Shewale , Jaihind College , Dhule and Dr. Shobha Shinde , Head , Dept of Languages & Literature , NMU Jalgaon on 2 Oct 2009.
- (iv) Gandhi Vichar Examination was organized by the Dept. on 11 Oct 2009. Inauguration of Russian language course was organized by the dept. on 12th Oct 2009.

- (v) Lecture series by Dr. Prashant Sinha , Retired Head ,Dept of English , Pune was organized for M.A. I & II English Students from 14th Dec to 18 Dec. 2009.
- (vi) Under Colloquium Distinguished Series, a lecture of Dr. Vijaya Waad , President, Maharashtra Rajya Marathi Vishwakosh Nirmiti Mandal, was arranged on 12th Jan 2010
- (vii) A lecture of Sahitya Academy Award winner famous literary personality Dr.Rajan Gawas was arranged on ‘Kadambari Te Chitrapat-Bhandan bhog te Jogwa’ on 29th Jan 2010.
- (viii) A lecture of Hon. Chhaya Datar was organized on the occasion of Women’s Day on 8th March 2010.

9. Research projects :

a) Ongoing:

The following table gives information about the newly sanctioned research projects during this year to the members of faculty on campus –

Name of the Teacher	Title of the Project	Funding Agency	Amount (Rs. in Lakhs)
Prof. V.L. Maheshwari & Shri. K.S. Vishwakarma	Plant cyclotides “ An alternative and sustainable approach to storage pest management in grain legumes.	DBT	26.00
Shri. K.S. Vishwakarma Prof. V.L. Maheshwari	Digitized inventory of medicinal plants of Maharashtra	RGSTC, Mumbai	23.00
Dr. B.L. Chaudhari	Utilization of Biodiesel waste (raw glycerol) by Pseudomonas sp. For production of Phenazine antibiotics	DBT	40.40
	Development of efficient probiotic to combat vit. B ₁₂ , folic acid and iron deficiency.	DBT	29.75
Dr. S.V. Patil	Preparation of soil conditioners using Psyllium husk and bacterial biopolymers.	UGC	05.66
	An eco-friendly approach to the elimination of mosquito larvae by extract of commonly occurring weeds in Jalgaon district.	UGC	01.30
	Biofertilizers and biopesticide bank for local famers.	RGSTC, Govt. of Mah.	-
Dr. P.R. Puranik	Development of metal enriched cyanobacterial biomass for feed supplementation.	UGC	07.50
Prof. S. Mishra	Effect of Nanoinorganic fillers on Weather Properties of Elastomers	CSIR	14.50

Name of the Teacher	Title of the Project	Funding Agency	Amount (Rs. in Lakhs)
Dr. Navin Shimpi	Development of synthesis of nanoparticles using ultrasonication and its application in polymer nanocomposites	FAST TRACK Young Scientist	8.40
Mr. J. S. Narkhede	PBT, PTT synthesis using oligomerically organic clay	Minor Research	1.90
Dr. R. D. Kulkarni	Upgradation of vegetable oil for Tribological Applications	Savita Oil Technology Ltd., Mumbai	1.78
Prof. J. B. Naik	Development and Formulation of Sustained Release Nanoparticles of some Anti-Diabetic Drugs	DST, Delhi-Nano-Mission	30.0
Dr. R. D. Kulkarni	Eco-friendly two pack Polyurethane based on renewable vegetable oils & carbohydrates	U.G.C., Major Research	8.36
Prof. S. Mishra	Innovation Programme-M. Tech. Nano Science and Technology	U.G.C.	Rs.55.50 + 2 Lecturers
Dr. Navin Shimpi	Synthesis of Polymer nanoparticles.... biodegradable nanocomposites	UGC-Major Research	5.81
Dr. Navin Shimpi	Synthesis, characterization and particle formation mechanism of core-shell nanostructures using ultrasonically initiated miniemulsion polymerization	DRDO, New Delhi	14.95
Prof. J. B. Naik	Development of site specific drug delivery system for oral formulation of nsaid	UGC	7.5
Prof. J. B. Naik	Development and Formulation of Sustained Release Nanoparticles of some Anti-diabetic Drugs	DST, SERC	18.0
Dr. R.D. Kulkarni	Building an entrepreneurial culture through promotion of Entrepreneurship Development Cell	AICTE-EDC	20.00
Dr. (Smt.) Shobha Shinde	"The Social Reform Movement and the Nationalist Movement in the context of Indian Feminisms"	UGC, New Delhi	05.21
Dr. Mukta Mahajan	Globalizing India Spiritualism : A study of Indian Saint Poet	UGC, New Delhi	06.66
Dr. K.S. Sarvekar	Marathi Aani Hindi Gramin kavitancha Taulanik Aabhyas	UGC, New Delhi	04.40

Name of the Teacher	Title of the Project	Funding Agency	Amount (Rs. in Lakhs)
Mrs. M.A. Sonawane	Innovative Strategies to bring Rural and Tribal students into Management and Technology Education	UGC, New Delhi	05.90
Dr. V.V. Gite	Eco-friendly two pack polyurethane based on renewable vegetable oil and carbohydrate.	UGC, New Delhi	8.36
School of Chemical Sciences	UGC-SAP (DRS) Phase-II	UGC, New Delhi	60.50
Prof. D.H. More	Design & Synthesis of Piperazine and benzimidiazols as the potent anti-filarial agent.	CSIR	16.28
Dr. (Mrs.). R.S. Bendre	Eco-friendly Pest Management : Development of Carvocrol Derivatives as Insect Growth Regulators.	UGC, New Delhi	06.78
Mr. K.F. Pawar	Radical Theory of Associative Semi Rings.	UGC, New Delhi	1.00
Mr. H.L. Tidke	On Abstract Non-linear Integro Differential Inclusion with Non-local condition.	UGC, New Delhi	1.30
Prof. Dr. B. V. Pawar (PI) & Mr. A. S. Patil (Co-PI)	Development of Novel Techniques for Information Retrieval from www	UGC, New Delhi	09.12
Prof. P.P. Patil, P.I.	Conducting Polymer Composite Based Humidity Sensors.	DAE	21.00
Prof. P.P. Patil, P.I.	Conducting Polymer/Metal Oxide Nanocomposites : Synthesis, Characterization and Application to gas sensing.	UGC, New Delhi	11.50
Dr. J.V. Sali	Design and Development of Three Wheeler Efficient Bullock Cart	RGSTC	05.25
Dr. J.V. Sali	Fabrication of fully Ultrasonic-spray coated Polymer (P3HT) : Fullerene (PCBM) Bulk Heterojunction Organic Solar Cell	UGC	07.50

b) Completed :

Name of the Teacher	Title of the Project	Funding Agency	Amount (Rs. in Lakhs)
Prof. S. Mishra	Synthesis of Nanoinorganic Filler and Their Effect on Mechanical, Thermal and Weather Resistance Properties of Elastomer Nanocomposites.	CSIR	8.00
Prof. J. B. Naik	Investigation of scale formation and its mitigation by using different polyelectrolyte in heat exchange equipment.	CSIR	15.90
Prof. S. Mishra	Synthesis and Characterization of Nano Polymer Particles by Micro emulsion Method and their Applications in Polymer Processing.	UGC	11.96
Chemical Sciences	SAP-DRA Phase-I	UGC	45.00
School of Life Sciences	-do-	UGC	45.00
School of Physical Sci.	-do-	UGC	45.00

10. Patents Generated, if any :

The University is also encouraging patenting of research findings of the faculty on campus. During the period of report, one patent as per detail tabulated below was filled.

Sr. No.	Name of the School/ Department	Title of the patent	Patent Registration No./Applied
1.	School of Life Sciences	Natural blue pigment and process for producing the same has been submitted	Applied
2.	University Department of Chemical Technology	Solution Spray Process for Preparation of Inorganic Nanosized Particles Using precipitation Technique in Micellar Mode	No. 235186, Date of Grant : 26/06/2009, International Classification C11D1/83
		A Process For Synthesis Of Polymer Latex Particles By Monomer Atomization In Microemulsion.	Application No. 566/MUM/09, March 16, 2009
		Synthesis of Core Shell Nanoparticles by Atomized Microemulsion Tech.	Applied
3.	School of Chemical Sci.	Preparation of polyurethane coatings and their production thereof.	Applied
		Self healing materials	Applied
		Using Alta as a protein stain and one-step transfer of the proteins to the nitrocellulose membrane for western blot.	Applied

11. New collaborative research programmes :

The University through its schools/departments has initiated following new collaborative research programmes.

Sr. No.	Name of the collaborative research programme	Name of the Institute/ University to which collaborative research programmes undertaken
1.	Pro-active user for the National Center for Free Radical Research	University of Pune, Pune, Universite Paris Sud-11, France and University of Rochester, Rochester, NY, USA.
2.	Collaborative research project	North Maharashtra University, Jalgaon and R.C. Patel Institute of Pharmacy, Education & Research, Shirpur.
3.	Biocompatible coated synthesis of metal nanoparticles by electrophoretic method and their effect on the DNA damage by ionizing radiation.	University of Pune, Pune, Universite Paris, Sud-11, France and University of Rochester, NY USA.
4.	Stability of laser dyes in presence of noble heavy metal ions : A radiation and photochemical study.	-do-
5.	Synthesis and application of metal nanoparticles in DNA nucleobase damage : A radiation and photochemical study	-do-
6.	Radiolytic synthesis of metal nanoparticles in mesoporous reactors and evaluation of catalytic activity.	-do-
7.	Radiation chemical degradation of azo dyes having two OH moieties.	-do-
8.	Collaborative research on Natural Products Chemistry	University of Pune, Pune and Agharkar Research Institute, Pune.
9.	Collaborative research programme	University of Pune, Pune, C-MET, Pune, IIT, Mumbai and IUC, Indore.
10.	The Indian Nano-Electronics users programme (INUP)	IIT, Mumbai

Besides following industries have participated in the Industry-University Interaction Programme :-

- (i) Crompton Greaves, Mumbai.
- (ii) Savita Chemicals, Thane Belapur Road, Navi Mumbai.
- (iii) Kansai Nerolac, Lower Parel, Mumbai.
- (iv) Global R & D Division, Asian Paints, Thane Belapur Road, Navi Mumbai.
- (v) INDOFIL, Thane.
- (vi) Pidilite Industries, Andheri, Mumbai.
- (vii) Shalimar Paints, Nasik.
- (viii) DRDO, Mumbai.
- (ix) NCL, Pune and
- (x) Elantas Beck, Pune.

12. Research grants received from various agencies :

The following table gives the total amount of grants sanctioned from various Central Government funding agencies during the year.

Sr. No.	Name of funding Agency	Research grants sanctioned (Rs. in lakhs)
1.	University Grants Commission, (UGC), New Delhi	162.03
2.	Dept. of Sci. & Tech. (DST), Ministry of Sci. Tech., New Delhi	114.95
3.	UGC NON-SAP grants (DOCS)	50.00
4.	Maharashtra Pollution Control Board, Mumbai	17.50
Total Rs.		344.48

13. Details of research scholars :

The number of scholars decorated with Ph.D./M. Phil. and the number of research scholars registered for Ph.D. on campus schools/department are given below :

Sr. No.	Schools/Departments	No. of scholars awarded (Ph.D./M. Phil.*)	No. of scholars working (Ph.D./M. Phil.*)
1.	School of Chemical Sciences	01	27
2.	School of Life Sciences	03	30
3.	School of Physical Sciences	02	08
4.	School of Environmental & Earth Sci.	04	20
5.	School of Mathematical Sciences	01*	13/07*
6.	Department of Computer Sciences	01/03*	11
7.	Department of Management Studies	--	03
8.	Department of Chemical Technology	01	25
9.	Deptt. of Comparative Lang. & Lit.	-	20
10.	Department of Library and Information Science	-	02
11.	Deptt. of Mass Communication & Journalism	--	05

14. Citation index of faculty members and impact factor :

The average citation index of the faculty members from various schools/departments on the campus is 10. The citation index of a few faculty on campus is given in the following table :-

Sr. No.	Name of the faculty members	Citation Index
1.	Prof. D.G. Hundiwale	405
2.	Dr. V.V. Gite	10
3.	Prof. P.P. Mahulikar	380
4.	Dr. (Smt.) R.S. Bendre	503
5.	Dr. K.K. Sharma	60
6.	Prof. S.B. Chincholkar	153
7.	Prof. V.L. Maheshwari	115
8.	Prof. A.B. Chaudhari	87
9.	Dr. P.R. Puranik	322
10.	Dr. B. L. Chaudhari	66
11.	Prof. S.T. Ingle	34
12.	Prof. S. Mishra	250
13.	Prof. R.D. Kulkarni	30
14.	Prof. J.B. Naik	20
15.	Prof. B.V. Pawar	07
16.	Dr. Satish Kolhe	04
17.	Dr. R. J. Ramteke	09
18.	Dr. S.B. Attarde	19
19.	Dr. P.R. Patil	16
20.	Dr. Nilesh D. Wagh	23

This is the cumulative citation index based either on scopus or Google scholar.

Impact Factor :

Faculty members have been publishing their research papers in following journals. Impact factor of the journals, wherever applicable, with their names is given below.

Sr. No.	Name of Journal	Impact factor *
1.	Journal of Applied Polymer Science	1.306
2.	Macromolecular Materials and Engineering	1.498
3.	Polymer International	1.475
4.	Polymer Plastics Technology and Engineering	0.333
5.	Surface Coatings Technology	1.008
6.	Crop Protection	0.564
7.	Material Letters	0.892
8.	Synthetic Communications	0.800
9.	Organic Preparation and Procedure International	0.673
10.	Journal of Material Science	0.999
11.	European Polymer Journal	2.113
12.	Design Monomer and Polymer	0.890
13.	Acta Crystallography	1.700
14.	Journal of Scientific and Industrial Research	0.201
15.	Indian Journal of Chemistry (B)	0.346
16.	Material Sciences & Engineering (A)	0.943
17.	Material Sciences & Engineering (B)	0.690
18.	Material Science and Technology	0.981
19.	Synthetic Metal	1.187
20.	Electro Chemica Acta	2.078
21.	Journal of Physics D : Applied Physics	1.188
22.	Journal of Environment Management	0.489
23.	Journal of Chemical Research	0.444
24.	Bio-resource Technology	2.800
25.	Applied Biochemistry and Biotechnology	1.400
26.	Pest Management Science	1.300
27.	Physiology and Molecular Biology of Plants	0.300
28.	Communication in Statistics-Simulations and Computation	0.394
29.	Communication in Statistics-Theory and Methods.	0.474
30.	Quality and Reliability Engineering International	1.03
31.	Annals of Institute Statistical Mathematics	0.61
32.	Statistics and Probability Letters	0.536
33.	International Journal of Computer Science Issues (IJCSI)	0.21
34.	Advances in Wireless and Mobile Communications (AWMC)	
35.	Int. J. Electronic Marketing and Retailing	
36.	International Journal on Graphics, Vision and Image Processing	

Sr. No.	Name of Journal	Impact factor *
37.	IEEE Transactions on Systems, Man, and Cybernetics--Part C: Applications and Reviews (IEEE-SMC)	2.016
38.	International Journal of Computer Engineering and Computer Applications (IJCECA)	
39.	International Journal of Document Analysis and Recognition (Springer) IJDAR	1.12
40.	Journal of Pattern Recognition Research (JPRR)	4.1
41.	International Journal of Computational Intelligence Systems	0.3
42.	International Journal of Computer Application	
43.	Journal of Computer Science (JCS)	
44.	Journal of Computer Society of India (JCSI)	

15. Honors/Awards to the faculty : National and International

The following members of the faculty have received awards during the period under review :

Sr. No.	Name of the Faculty Members	Name of the Award	Name of the Institution who is awarding award
1.	Dr. A.G. Ingale	Fellow of Society of Sciences	Society of Science
2.	Mr. K.S. Vishwakarma	Fellow of Society for Science and Environment	Society for Science and Environment
3.	Mr. Hansraj V. Patil	Second price sponsored by M/S. Advance Surfactants Ltd. New Delhi at “ ICOFFS09 ” International Conference on 9-11 December 2009.	Oil Technology Association of India at New Delhi
4.	Shri Vinod Nitale	Mahatma Phule Aadrsha Shikshak Puraskar, Jalgaon on 28 Nov.2009	Sarvodaya Mandal, Jalgaon
5.	Prof. M.S. Pagare	Buddhbhushan Samajsevak Puraskar	
		Letter of Honor from Redcross	Indian Society 2010
6.	Prof. R.L. Shinde	Visiting Teacher under UGC Scheme of Teachers Exchange	Sardar Patel University, Anand
		Visiting Professor	University of Calgary, Canada
7.	Prof. P.P. Patil	State Best Teacher Award-2008-09	Government of Mah.
8.	Prof. V.L. Maheshwari	State Best Teacher Award-2009-10	Government of Mah.

- (i) Dr. Shobha Shinde – Appointed as Co-ordinator, Women’s Studies Centre, Sponsored by UGC with grants work Rs. 25 lakhs.
- (ii) Dr. Sudhir Bhatkar has become a member of Prof. Suresh Puri Gaurav Samitti, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, 2010

16. Internal resources generated :

The details of internal resources generated by various schools/departments of the university is tabulated below :

Sr. No.	Name of the School/Department	Amount Generated (Rs. in lacs)
1.	School of Environmental & Earth Sciences	07.00
2.	School of Chemical Sciences	01.28
3.	Department of Chemical Technology	04.05*
4.	School of Life Sciences	00.15
5.	Department of Comparative Languages & Literature	00.63
6.	School of Mathematical Sciences	00.75
Total Rs.		13.86

- ❖ Includes participation fee in the short-term certificate courses arranged by the University Department of Chemical Technology. The details of the courses are as below :

Title with content	Participants	Period
Coordinator: Dr R. D. Kulkarni and Prof. J. B. Naik		
One week Certificate Course 'Sophisticated Instrumental Analysis' [GC, HPLC, FTIR, Colour Matching Spectrophotometer, Brookfield Viscometer]	Senior Chemistry Lecturers of Colleges	July 08-15, 2009.
One week Course 'Formulation and Processing of Paints' [Ball Mill, Bead Mill, Attritor, Colour Matching, Brookfield Viscometer]	M. Sc. students	July 02-09, 2009
Coordinator: Dr R. D. Kulkarni and Dr Navinchandra Shimpi		
One week Course on 'Nano Science and Technology'	28 Students & Lecturers from different Colleges	May 11-15, 2010

- (i) The Department of Library and Information Sciences has created electronic databases for Books, Theses, Students and Faculty Members for in-house use.
- (ii) The Department of Computer Science have developed application softwares like centralized admission system for the various university post graduate (PG) courses running on/off the campus, also various administrative departments like BCUD, affiliation Section etc.
- (iii) The University's Official Website is developed and maintained by the Department of Computer Science.

17. Details of departments getting assistance/recognition under SAP, COSIST (ASIST)/DST/FIST :

Three Schools were identified by UGC for Special Assistance Programme (SAP) and Infrastructural Development in Science and Technology (FIST) by DST in 2004. These programmes are being conducted for five years (till 2009) by respective schools. The Schools have applied for the Phase-II of UGC-SAP and DST-FIST and the amount received during the period under review are tabulated below.

Sr. No.	Name of the School/ Department	Grants received during this year (Rs. in lakhs)	
		UGC-SAP-DRS	DST-FIST
1.	School of Life Sciences	66.50	-
2.	School of Chemical Sciences	60.50	-
3.	School of Environmental & Earth Sciences	36.00 + Project Fellow	-
4.	University Department of Chemical Technology	Rs. 10.0 lakh+ 04 JRF(II Phase)	2009-14- Rs.83.0 lakh (AFM, Computer Lab, GPC)
5.	Department of Computer Science	20.0 non-SAP	-
6.	School of Physical Sciences	40.00	-

- (i) Besides, University Department of Chemical Technology has received grants Rs. 55.50 + 2 Lecturer under Innovation Programme-M. Tech. Nano Science and Technology [F.14-27/ 2009 (Inno. /ASIST), dated 30 September 2009].
- (ii) The School of Chemical Sciences, Life Sciences, Physical Sciences and Environmental and Earth Sciences have received Rs. 20.00 lakh each from UGC for strengthening of research infrastructure.

18. Community Services :

The university is conscious about the community services and provided these services through number of ways by conducting/organizing workshops, street plays, popular lectures, speeches, blood donations and Vidnyan Jattha for farmers.

Sr. No.	Name of the School/ Department	Community Services rendered
1.	Department of Physical Education	Campus cleaning programme.
2.	University Department of Chemical Technology	Sixth "Blood Donation Camp" successfully on Oct. 01, 2009 at U.D.C.T. jointly with NSS
3.	School of Chemical Sciences	Soil Testing for farmers.
4.	School of Physical Sciences	Conducted tree plantation programme on the road side of the Department.

Sr. No.	Name of the School/ Department	Community Services rendered
5.	Department of Mass Communication and Journalism	<ul style="list-style-type: none"> - Resource Person at 'Rashtriya Sewa Kendra Training program' organize by Nehru Yuva Kendra Sangathan (undertaking sports and youth ministry, Got. Of India) Jalgaon (July 2009). - Resource Person in the programme organized by Rashtriya Seva Dal, Bhusawal on Savitribai Phule Thoughts. - Resource Person in the programme organized at District Sub-Jail, Jalgaon on Mahatma Gandhi Jayanti.
6.	School of Environmental & Earth Sciences	<ul style="list-style-type: none"> - Mass Awareness Programme and Evaluation of proposal for Nirmal Gram Puraskar : <ul style="list-style-type: none"> a) Evaluation of villages for Nirmal Gram Puraskar from Nashik District (July to September 2009). b) Evaluation of villages from Dhule District for Nirmal Gram Puraskar (Dhule, Sakri, Shindkheda, Shirpur) July to October, 2009. Mass Awareness Programme of Watershed Management and various environmental issues by delivering lecture in the Workshop at Pachora, Erandol, Dist. Jalgaon. Presented lecture to school children's related to values and Env. Education organized by Gandhi Research Foundation and NMU, Jalgaon. Timely active in water related problems of our University area and extensive surveys carried out in campus along with University team. Awareness Talks for School Children. Environmental status report of Jalgaon Municipal Corporation.
7.	School of Life Sciences	<ul style="list-style-type: none"> - Soil analysis to the local farmers. - Consultancy & Analytical services to industries. - Quality agro-inputs on no loss no profit basis to the farmers. - Guidance to the farmers on soil fertility issues.
8.	School of Mathematical Sciences	Deliver invited talks in the Conferences/Seminars/ Workshops at National levels.
9.	Library and Information Sci.	Extension Education Service are provided and implemented as an advancement program.
10.	Department of Computer Science	<ul style="list-style-type: none"> 1) University level Research Festival "Avishkar-2009" 2) Seminar on "Importance of Soft Skills" by Mr. Anuj Jajoo, Wipro Systems, Pune for the PG students of Computer Science,.

Sr. No.	Name of the School/ Department	Community Services rendered
11.	Rajiv Gandhi Science & Technology, NMU Center	<p>a) Programme on Science Fiction Writing for Journalism students and Local Reporters.</p> <p>b) The Center has organized International Year of Astronomy Special Programme on 11.11.2009, 20.11.2009 and 27.11.2009.</p> <p>c) The Center has organized following programmes on-demand of the public :- (i) H1N1 Flue on 03.09.2009. (ii) Health Cure and Precautions of Malaria and Dengue on 10.11.2009. (iii) Programme on Health-Diabetes on 22.10.2009.</p> <p>d) The Co-ordinator of the Center has delivered a invited talk on 'Tribal Women's Health in National Seminar on Gender Technology and Communication on the ocassiong of Technology Day i.e. on May 10, 2010 at VP, New Delhi.</p>
12.	Department of Comparative Languages & Literature	<p>Dr. (Smt.) Shobha Shinde is working as a Secretary of Trustee of K.S. Wani Memorial Trust and Member, Board of Directors, K.S. Wani Institute of Advanced Study in Marathi.</p> <p>Dr. (Smt.) Shobha Shinde conducted study and life skills workshops for students of Schools, Ashram Schools and Colleges.</p> <p>Dr. Mukta Mahajan is working as a Member, Mahila Dakshata Samittee, S.P. Office, Jalgaon.</p> <p>Dr. Mukta Mahajan is conducting/writing interviews, script writing, translation for AIR, Jalgaon.</p> <p>Dr. Mukta Mahajan is working on Editorial Board of National Literary Magazine 'Academic Research'.</p> <p>Dr. Kailas Sarvekar working as a Director, K.S. WANI Institute of Marathi and Editor, University Magazine "Giranangan".</p> <p>Dr. M.S. Pagare regularly writing column for Sunday Supplement of Daily Lokmat and Samrat.</p> <p>Dr. M.S. Pagare is working as an Advisory of Monthly 'Bahujan Kala'.</p> <p>Dr. M.S. Pagare regularly giving interviews on ETV, Sahyadri & AIR.</p> <p>Dr. Sunil Kulkarni is working as a Vice-President, Bindusara Bahu-Uddeshiya Shikshan Sanstha, Beed and Co-ordinator, NSS, North Maharashtra University, Jalgaon.</p> <p>Mr. Ashutosh Patil is working as a Co-Editor of literary magazine 'Kavita Rati', Member of Editorial Board, Giranangan and Yuva Spandan.</p>

19. Teachers and officers newly recruited :

The information about teachers and officers newly recruited in the year is given below :

Teachers		Officers	
Regular	On contract	Regular	On contract
15	05	--	--

20. Teaching-Non-teaching staff ratio :

The Teaching-Non-teaching staff ratio is **1: 3.2**. The position of teaching-non-teaching staff is given below :

Existing Teachers	Teachers recruited		Existing Non-teaching Staff**	Non-teaching staff recruited**	
	Regular*	On contract		Regular*	On contract
115	15	05	407	-	-

* Along with appointments made against lien post.

** Along with officers.

The above ratio calculated includes non-teaching staff of the university office on the campus. However, teaching-non-teaching staff ratio exclusively for the schools/ departments on the campus is **1 : 0.5**.

21. Improvements in the library services :**A) Central Library :**

The University Library of the University is housed in a spacious five storied building with a built up area of 95,000 sq. ft. at a central place on the campus. Availability of books in the library are shown in the following table :-

Text Books		Journals	
Existing	New Additions (with cost Rs. in lakhs)	Existing	Subscription cost (Rs. In lakhs)
44868	(New addition 5376 books) Rs. 38.63 lakhs	158 Print & 4000 e-journals	3.0 approx.

B) Department Libraries :

It may be noted that all the departments have their own departmental libraries. The details regarding departments and number of titles in the departmental library are given below :

Sr. No.	Name of the School/ Department	No. of Books/ Journals
1.	School of Chemical Sciences	300
2.	School of Life Sciences	342
3.	School of Mathematical Sciences	350
4.	School of Physical Sciences	400
5.	School of Environmental & Earth Sciences	794
6.	University Department of Chemical Technology	2340
7.	Department of Computer Science	175
8.	Department of Management Studies	275
9.	Department of Comparative Languages and Literatures.	700
10.	Department of Education	210

22. New books/journals subscribed and their value :

Departmental Library :

- i) The Central Library added 5318 books worth Rs. 39.00 lakhs during this period.
- ii) The School of Life Sciences added 40 new books worth Rs. 60,000/- during this period. Books worth Rs. 6,000/- were donated to the Departmental Library of the School of Life Sciences by the Students Association.
- iii) Books worth Rs. 20,000/- are purchased for Advance Diploma in Banking by the Department of Management Studies.
- iv) The School of Chemical Sciences added books worth Rs.50,000/-.
- v) The School of Environmental & Earth Sciences added 84 new books to the Departmental Library in the academic year 2009-10.
- vi) The Department of Education added about 150 news books worth Rs. 35,000/- to the Departmental Library in this period.
- vii) School of Physical Sciences added 114 new books worth Rs. 80,000/- and subscribed for 03 Newspapers and 01 Journal worth Rs. 500/- p.m. during this period.

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

In principle, the university authorities and teaching faculty both have agreed to introduce a system in which students' assessment of teachers is done. The departments which have introduced this system are given below:

- (i) Department of Computer Science.
- (ii) School of Life Sciences.
- (iii) University Department of Chemical Technology.
- (iv) School of Chemical Sciences.
- (v) School of Environmental & Earth Sciences.
- (vi) Department of Mass Communication & Journalism.
- (vii) Department of Education.
- (viii) Department of Comparative Languages and Literature.
- (ix) School of Physical Sciences.

24. Feedback from stakeholders :

Every department/school/section of the University has been provided with suggestion box wherein stakeholders can drop their suggestions, feedback, complaints, if any. The concerned section/department takes necessary remedial action based on the feedback. Some representative examples are given below :-

- (i) Feedback about course/ curriculum of B. Tech and M. Tech. was collected from renowned industrial persons and academicians. Their views and suggestions were suitably incorporated. Their assessment regarding strengths and weaknesses of our B. Tech and M. Tech. students was understood. Training programmes and counselling of students was conducted on the basis of this feedback.
- (ii) The School of Environmental and Earth Sciences has been taking continuous feedback from both employers and parents.
- (iii) It has been a tradition in the School of Life Sciences to take into consideration the feedback of alumni industries while revising the syllabi of M.Sc. (Microbiology, Biochemistry and Biotechnology). Based on this feedback, three workshops have been organized on Advance Instrumentation for the M.Sc. students.
- (iv) The Department of Comparative Languages and Literature has been seeking feedback through the suggestion box and constant interaction among students & faculty.
- (v) Based on the feedback by stakeholders, the Central Library of the University has started the Night Library facilities wherein Text Book Section and Reading Room open till 11.00 p.m.

25. Unit cost of education :

Particulars	Amount (Rs.)
Departmental Expenses	19386094/-
Salary to Teaching & Supporting Staff	38712698/-
Sub-total	58098792/-
No of Students admitted	2320
Cost per Student	25043/-

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

The University is making full use of ICT in its various operations to further enhance efficiency, transparency and credibility. It is one of the few Universities in India to put into operation a state of art SAP-ERP software in its Administration and Finance sections. Also, the attendance of the employee in the administration block is kept using an advanced Biometric System. All admissions to the PG Programmes are based on an Online Application Process. The University website is dynamic and provides a host of information (results, forms, circulars, notice, examination timetable, syllabi, tenders etc.) to the stakeholders. In the Examination Section, the University Barcodes the Answer Sheets for full proof confidentiality and provision of scanned photographs on Marksheets to all the students of final year course has been made. One of the major steps taken by the University during this period has been the introduction of Online verification of degrees issued by the University.

27. Increase in the infrastructural facilities :**A : Equipments/Facilities (costing more than Rs. 1.0 lac) :**

Sr. No.	Name of the Equipment	Make/Model/Supplier
1.	Workstations	Z200
2.	Sonic Wall	Software
3.	Lipi Line Printers	T2250
4.	Ultrasonic Thickness Gauge	Eight station dissolution Appartus
5.	Atomic Force Microscope (AFM)	Surface Area Analyser
6.	NANOPOLIS Multimedia for Nano Science and Technology	MATLAB & CHEMCAD Software
7.	HPLC (Preparative)	SHIMADZU, Japan
8.	Mobile Science Exhibition Unit (Van)	KSTMPP, Trivendrum, ISRO VS-SAC
9.	Spin Coating Unit	Milman Thin System Pvt., Ltd.
10.	Respirable Dust Sampler	Envirotech Instrument Pvt. Ltd.
11.	Spectrophoto Meter	Toshvin Analytical Pvt. Ltd., Mumbai
12.	Advance Digital Resistivity Meter	Integrated Geo Instrument and Services
13.	HPLC System	Shimadzu Pvt. Ltd., Navi Mumbai
14.	SAP Software	CMC Ltd., Mumbai

Sr. No.	Name of the Equipment	Make/Model/Supplier
15.	ICR Software Multivser	Exxon Automation Pvt. Ltd.
16.	Jet Mill 2 with PLC Table	Promas Engineers Pvt. Ltd.
17.	Galaxy CO ₂ Incubator	Eppendorf India Ltd.
18.	Masterscyler Personal	Eppendorf India Ltd.
19.	Digital Printing Machine	Indu Informachines, Jalgaon
20.	Cannon Digital Coppier	Creative Business, Jalgaon
21.	CD Rom Based Multimedia kno.	Aditi Media Services, Bangalore
22.	Semi Auto Bio-chemistry Analyser	Tramsasia Bio-Medical Ltd., Andheri
23.	Fully Automated Blood Cell Counter	Tramsasia Bio-Medical Ltd., Andheri
24.	Keithley Instrument	Keithley Inst. Gmbh, Germany
25.	HPLC System	Shimadzu Pvt. Ltd., Navi Mumbai
26.	Electron Beam Evaporator	Milman Thin Film System
27.	Vapor Pressure OS mometer K-7000	Wissenschaftliche Geratebay, Germany
28.	Automic Force Microscope	NT-MDT Ser. & Ligistic Ltd., Ireland
29.	Mobile Science Exhb. Unit	Keral State Science & Tech.
30.	Ultrasonic Processor	Croma Enterprises, Mumbai
31.	Air Compressor Cpm 70/10-200	Qualitech Industrial Products, Thane
32.	Sand Mill Shell Volume 0.2	Techno Designs, Gujrat
33.	Environmental Software	Vishakha Scientific Instruments, Aurangabad
34.	PC Controlled Current Voltage Source	SAP Instrument Solutions Pvt. Ltd., Howrah

Besides, the following facilities were also established/created in the different departments/schools of the University during the period :-

Sr. No.	Name of the facility	Name of the Department/School
1.	M.Tech. Laboratory	School of Environmental & Earth Sci.
2.	Audio-Visual Studio	Department of Music & History.
3.	Pesticide Formulation Laboratory	School of Chemical Sciences.
	Fuming Hoods to all P.G. –II Laboratories	
4.	Insect Rearing Laboratory	School of Life Sciences.
5.	Cyanobacteria Culture Laboratory	

B] Civil works completed during the year :

North Maharashtra University, Jalgaon is the first University in the state who is having its own construction division for all types of infrastructure execution & its maintenance. Since 1993 all the infrastructure development is supervised, executed & carried out by its construction division. The list of infrastructure increased during this year is as follows :

Sr. No.	Name of the Work
1.	Construction of Department of Social Sciences Phase-II Building.
2.	Development work of Administrative Complex & Library Building Precinct and Residential area (Phase-I).
3.	a) Colouring & Maintenance works at Central School. b) Development work of Class-IV Quarters (Unit 1 to 4). c) Providing & fixing M.S.Gate near Boys' Hostel 1 & 2 and near Central School.
4.	Interior works in Department of Chemical Technology Building, Central Library Building, Exam. House Building, Mathematical Sciences Building, Management Studies (A+B+C), P.R.O. Section at Administrative Building, Department of Comparative Languages, School of Environmental & Earth Sciences, V.C. Residence, Registrar & Officers Cabin in Administrative Building, Department of Computer Science & Center Building and School of Life Sciences etc.

C] Electrical works completed during the year :

Sr. No.	Name of the Work
1.	Electrical works of Department of Social Sciences Phase-II Building.
2.	Supplying and erecting 400 mm ² Alluminium armoured cable at Electric Sub-Station at NMU.

28. Technology up-gradation:

Technology upgradation with particular reference to Computer hardware and software is a continuous process. Some of the noticeable technological inputs/upgradation are given below :-

- a) An advanced software, SAP was introduced for enhancing the efficiency of Finance and General Administration Department.
- b) A new advanced software is installed in the Examination Section for processing results.
- c) Biometric system for attendance has been installed at the Administrative Building of the University.
- d) A Biogas Plant is installed on experimental basis in the Girls Hostel. The plant works on food waste generated in the Kitchen of the Mess.

29. Computer & Internet Access and training to teachers, non-teaching staff and students :

Computer and Internet access is freely available to all the stake holders on the University Campus. Campus Area Network (CAN) is in operation with 500 nodes on the campus with 2 Mbps 1 : 1 Internet connectivity along with additional 2 Mbps broadband connectivity. This network is based on the distributed star topology, in which the backbone of the network is made up of 12 core single mode optical fiber cables with local distribution with the help of 12 core multimode optical fiber cable. The backbone of the network is GIGABIT with 100 Mbps desktop connectivity. The network is build with the NORTEL Technology using 3 core Layer 3 (L3) switches & 24 Layer 2(L2) switches & utilizes structured CAT 6+ cabling at the desktop side. The network is secured with application (Novell's Border Manager) as well as hardware firewalls (Nortel connectivity).

Individual department/school on the campus have established In-house Computer Lab with Internet connectivity for the students as per the details given below :

Sr. No.	Name of the School/Department	No. of Work Stations
1.	School of Chemical Sciences	10
2.	University Department of Chemical Technology	55
3.	School of Life Sciences	10
4.	School of Environmental & Earth Sciences	15
5.	School of Physical Sciences	35
6.	Department of Comparative Languages & Literature	08
7.	School of Mathematical Sciences	20
8.	Department of Computer Science	200
9.	Department of Management Studies	28

30. Financial aid to students :

The following data presents the number of beneficiaries in the context of financial aids.

Sr. No.	Name of the scheme	No. of beneficiary	Amount (Rs. in lakhs)
1.	State Government scholarships to the SC/ST/OBC and economically backward class students	965	190.99
2.	State Chief Minister Fund	34	01.41
3.	"Eklavya Scheme" for educational loan	87	34.54
4.	Interest paid on Eklavya loan	-	3.34
5.	Student Group Insurance Claim	12	6.66
6.	Poor Boys fund/VC discretionary fund	675	7.24
7.	Dr. Babasaheb Ambedkar Hostel Financial Asstt.	232	1.50
8.	"Gold Medal Scheme" for motivating advanced learners and meritorious students	69	3.11
9.	JRF/SRF (CSIR & UGC)/Project Assistantships available through projects.	37	-
10.	Inspire fellowship by DST	01	1.70
11.	RFSMS Rese. Fellowship for Meritorious Students	19	23.94
12.	Undergraduate Scholarship for Engg. Deptt.	-	5.00

Few students were supported financially jointly by the faculty members, research scholars, non-teaching staff and 'Symbiosis' students organization. Besides the merit and BC scholarships/freeships area also provided by the University Administration.

Besides, following scholarships were awarded to the students of Department of Computer Science:

- 1) Chief Minister Fund Scholarship
- 2) Vasudeo Mahajan Vanira Hightech Scholarship
- 3) Maharashtra Foundation Scholarship, New York, USA.

Number of Students having scholarship were as follows:

Class		Male	Female	Total
M.Sc. (CS)	I Year	00	01	01
	II Year	01	00	01
MCA	I Year	01	00	01
	II Year	01	01	02
	III Year	00	00	00

31. Activities & support from the Alumni Association :

Every School/Department on campus is encouraged to establish Alumni Association and organize its activities. The following schools/departments have organized alumni meet in the period under review.

School/Department-wise number of participants :

Name of the School/ Department	Date of Alumni Meet	No. of Participants
Department of Management Studies	14.03.2010	60
Department of Comparative Languages and Literature	30.10.2009	30
Department of Education	30.10.2009	25

The Alumni Associations of different departments are encouraged to provide support in the form of fellowships, books, journals etc. for the benefit of students. Similarly, guest lectures of alumni in senior positions in the academics, industries or self-entrepreneurs are organized to provide guidance inspiration and motivation to the students. Informally, alumni also helped the present students in getting employment, recommendations etc.

- (i) The alumni of School of Life Sciences have donated books to the Departmental Library.
- (ii) The alumni of School of Life Sciences have given lectures on career guidance and facilitated students placement.
- (iii) The alumni [UPSA (UDCT Past Students Association)] supports Department in facilitation of campus placement of students.
- (iv) The Department of Education Alumni Association organized a lecture by Dr. H. N. Jagtap, Prin. Dayanand B.Ed. College, Solapur on 'Knowledge Commission 2007.'

- (v) The Alumni Association of Department of Management Studies organized following activities during the period under review.

Sr. No.	Details of Activities	Duration
1.	Guest Lecture for M.B.A. Students by Mr. N.Venu (Recruiter, Reliance ADAG, Mumbai) organized by Alumni Association of Department of Management Studies Multipurpose Society, Jalgaon on Personal Interview.	12/09/2009
2.	Talk Show of Mr. Sushil Rajane (SBI, Barhanpur) on Opportunities in Banking Sector organized by Alumni Association of Department of Management Studies Multipurpose Society, Jalgaon	24/01/2010

32. Activities and support from the parent teacher association:

The Directors/Heads of Schools/Departments are in touch with parents informally and the schools/departments receive verbal feedback from parents. Some of the departments though have taken initiatives and convened the meeting of Parent-Teachers Association as detailed below :

- (i) Teacher-parent meet in the Department of Management Studies was held on 8th March 2010. The meeting evoked good response and positive approach by parents. The parents and teachers got familiar with each other.
- (ii) In the School of Life Sciences, although such association does not exist, parents are encouraged to visit the School and are always welcome and get feedback from their wards. Whenever needed parents are called to have interaction with teachers.
- (iii) The Department of Education organized a Teacher-Parent meeting on. 17/09/2009. In this meeting HOD Dr. Indumati Bharambe put up the increasing progress report of the department and activities, facilities of the department in front the parents. Shri.Shamkant Baviskar, Shri.Namdev wagh, Shri. Hiralal Mahajan, Shri. Bhanudas More expressed their views. On this occassion M.Ed students performed one act play on 'Peral Tase Ugawel' and focused light on problems of old people.

33. Health services:

The University has established a full-fledged Health Centre on its campus. It caters to the needs of students, faculty members, non-teaching staff etc. The centre is looked after by a Medical Officer (M.B.B.S.) with a nurse, compounder-cum-clerk and a ward boy. The Medical Centre has purchased following equipments :

- a) Haematology & Biochemistry Analyser.
- b) Stabilizer, UPS with Battery and Refreegerator were purchased for Pathology Laboratory .

The activities of the centre include :

- a) Total 4780 patients have been treated during the period under report.
- b) Rs. 49,846/- have been collected as treatment charges from the patients.
- c) Total medicines of Rs. 1,17,941/- were purchased during the period.
- d) The Health Center was organized Medical Check-up of Central School.
- e) Undertaken Medical Checkup of Boys and Girls Hostel students.
- f) Medical services are provided to the Volley Ball Tournaments for 24 hrs.
- g) Undertaken Bone Mineral Density Camp for University Employees.
- h) Provided Medical Assistance to participants of Marathon organized by UDCT, NMU, Jalgaon.
- i) PAP Smear & Mamography Test for employees & women in University on the occasion of World Women's Day.
- j) Medical Check-up Camp for all University employees by Wockhardt Hospital, Nasik.

The Health Center has organized following lectures for students, teaching and non-teaching staff :

- a) Anthritis & Joint Pain Awareness Precautions and Treatment.
- b) Stay Healthy with Your Heart.

34. Performance in sports activities:

No. of teams and students participated in Inter-University Tournament during the year 2009-10 are tabulated below:

Name of teams			No. of participants		
Men's Team	Women's Team	Total	Men	Women	Total
23	15	38	252	142	394

No. of major sports events organized by the University during the year 2008-09 is given below.

Events	Organized by the University	No. of participants
Inter-collegiate	Athletics (M/W), Kho-Kho (M/W), Volleyball (M/W), Basketball (M/W/) and Kabaddi (M/W)	484 Players

35. Incentives to outstanding sports person:

Name of Event	Tournament organized by	Position of the team/Player
Malkhambh (Men)	Kurukshetra University, Kurukshetra	Silver Medal in All India Level
Boxing 48 Kg. (Men) Individual	J.N.Vyas University, Jodhapur	Bronze Medal in All India Level

The incentives to outstanding sports persons are given in a number of ways as depicted below :

- a) Total 394 students have been given 15 marks incentives for outstanding performance in sport as per University Ordinance 0.163.
- b) The sports persons are given all the possible facilities like - Track Suits, Kits etc.
- c) For each event, special coaching camps are organized to boost the performance of the players and to make them psychologically as well as physically fit.
- d) The participants are provided TA/DA for their participation in special coaching camps and tournaments.
- e) There is a provision of offering medical and financial support to the sports persons injured during the play.
- f) An outstanding sports persons who participated in Inter-University Tournaments were felicitated by the Hon'ble Vice-Chancellor on the Gymkhana Day. This felicitation is going to be a practice to be followed every year.

36. Students achievement and awards :

The following is the data regarding students achievement and awards obtained by the students of university school/departments.

Sr. No.	Name of the Schools/Departments	Name of the students	Achievement/Award
1.	School of Chemical Sciences	Mr. R.S. Jadhav	First prize for paper presentation in International Conference on "Applied Chemistry" at Mauritius.
		Mr. R.S. Jadhav	First prize in Avishkar-2009
		Mr. S.M. Bharambe	Second prize in Avishkar-2009
		Mr. S.M. Bharambe	First prize for paper presentation in International Conference on "Chemistry and Environment, Ubonratchatnai, Thailand.
2.	Department of Comparative Languages and Literature	Mr. Shantaram Choure	member of Students Council
		Mr. Sadik Patel	(i) Second prize in Avishkar competition. (ii) Third prize for poetry recitation in Open House
		Ms. Pooja Sharma	First prize for creative writing in Open House
		Mr. Sandip Patil	Consolation Prize in Essay competition at Amalner

Sr. No.	Name of the Schools/Departments	Name of the students	Achievement/Award
3.	Department of Mass Communication & Journalism	Miss Soni Umrao	Shrimati Kamlabai Choghule Smurti puraskar.
		Mr. Yuraj Pardesi Mr. Vijay Koli	first price in “AVISHKAR” Research competition at University level competition.
4.	Department of Management Studies	Mr. Sandip V. Pohane Mr. Rajneesh Kumar	First Prize in Quiz Contest JIGYASA 2009
		Mr. Shahid A. Shaikh Mr. Saurabh Singh Gaur	First Prize in “ BUSINESS INTEL 2009 ”
		Ms. Archana Patil Mr. Manoj Fegade Mr. Atul Patil Mr. Rohit Kukreja	Third Prize in “ BUSINESS INTEL 2009 : GROUP BUILDING GAMES ”:
		Mr. Sandip V. Pohane Mr. Rajneesh Kumar	Third Prize in Quiz Contest “ CHAKRAVYUH 2009 ”
		Ms. Prerena Bhatiya Ms. Namrata Kolte	First Prize in State Level Paper Presentation Competition “ PINNACLE 2009 ”
		Ms. Maya Rathod Ms. Punam Upadhye Mr. Sushil Mavale Ms. Namrata Kolte	First Prize in “ AVISHKAR 2009 ”.
		Mr. Chaitanya Gadgil	First Prize in the category of Western Solo Song of “ YUVARANG 2009 ”
		Mr. Tushar Mali	Third Prize in the category of Classical Vocal Song of “ YUVARANG 2009 ”
		Mr. Nilesh B. Nikam	Gold Medal in Maharashtra State Open Karate Championship – 2010.
		Mr. Amit Dixit Mr. Asif Beg	First prize in 6 th National Level Conference on Advances in it and Management, organized at AIM’s Chalisgaon.
		Mr. A.S. Kulkarni Mr. Asif Beg Ms. Leena Gujrathi Mr. Vedashree Vaidya	Second Prize in “Zest-Fest” Bollywood Quiz, organized by IMR, Jalgaon.
		Mr. Rohit Kukreja	Third Prize in University level “Lead India Competition” organized by Rasoni Institute of Management, Jalgaon.

Sr. No.	Name of the Schools/Departments	Name of the students	Achievement/Award
		Mr. Chandre Sh Kumar Mr. Sudeep Sanghavi	Third Prize in University level "Corporate Quiz Competition" organized by Rasoni Institute of Management, Jalgaon.
		Mr. Saurabh Singh Ms. Krutika Mundara	First Prize at National Level Business Plan Competition organized by Tirpude College, Nagpuer.
		Mr. Nilesh B. Nikam	Bronze Medal at State level Open Karate Championship-2010.
		Ms. Riya Gujarathi	Second Prize at State Level Competition organized by Jackson Dance Academy & K.K. Cans, Jalgaon.
		Ms. Kritika Mundhara Ms. Pallavi Vaswani Mr. Ajit Jain Mr. Shahid Sheikh	Second Prize at IMPRESARIO-2010 organized by Godavari Instt. Of Management Research, Jalgaon.
		Ms. Priya Ingale	First in University Examination

5. Besides, in the Department of Chemical Technology, in all, **105** B. Tech. students, as a part of preparations for future Campus Interview Programme and Competitive Examinations, were motivated for participation in State Level Graduate Excellence Examination (GEE) Programme conducted by Nowrosjee Wadia College, Pune. In all, **04** students secured State Scholarships while 12 students bagged the special prizes. **21** students received Certificates.
6. Students of the School of Environmental Sciences received gold medal in the University examination and Second Prize in "Avishkar – 2009" at University Level.

7. The achievement/awards won by the Students of Computer Science are tabulated below :

Event Date	Event Name	Event Level	Theme	Winner Name	Award
Dec. 2009	Avishkar-2009 NMU, Jalgaon	University	Research Festival	Mr. M. P. Patil	Best paper presentation award
Dec. 2009	Avishkar-2009 NMU, Jalgaon	University	Research Festival	Mrs. H. B. Patil	Best paper presentation award
01-Feb-09	Impact 2009 at M.J.College, Jalgaon	State Level	Software Exhibition Brain Sharpener An Interactive Brain Training Software	Mr. M. J. Chandak Mr. R. P. Telang	2nd Prize
01-Feb-09	AIM'S Programming Contest at AIM, Chalisgaon	State Level	'C' Programming Contest	Mr. C. N. Kulkarni	2nd Prize
01-Feb-09	AIM'S Programming Contest at AIM, Chalisgaon	State Level	'C' Programming Contest	Mr. R. P. Telang Mr. H. V. Fegde	Consolation
13-Mar-09	'C' Titans at S.N.D. College, Yeola	State Level	'C' Programming Contest (Round - I)	Mr. C. A. Mahajan Mr. C. N. Kulkarni Mr. M. J. Chandak	1st Prize 2nd Prize 3rd Prize
13-Mar-09	'C' Titans at S.N.D. T. College, Yeola	State Level	'C' Debug Competition (Round - II)	Mr. M. J. Chandak	2nd Prize HP Laptop
14-Mar-09	National Science Day at NMU, Jalgaon	University Level	IT Quiz Competition	Mr. P. S. Meshram Mr. U. A. Pimple	1st Prize 3rd Prize
25-May-09	Water Sports Adventure Camp at Himachal Pradesh by Central Government, India	National Level	Various Water Sport Competitions & Written Test	Mr. P. S. Chuadhari	2nd Prize

Event Date	Event Name	Event Level	Theme	Winner Name	Award
21-Jul-09	Gym Competition 2009 at Eklavya Krida Sankul, Jalgaon	City Level	Weight Lifting	Mr. B. R. Bhole	2nd Prize
03-Oct-09	Technovative 2009 at Sant Gadgebaba College, Bhusawal	National Level	Software Exhibition Lab Spy An e-Journal Submission & Lab Monitoring System	Mr. M. J. Chandak Mr. R. P. Telang	2nd Prize
03-Oct-09	Technovative 2009 at Sant Gadgebaba College, Bhusawal	National Level	IT Quiz	Mr. H. D. Katariya Mr. V. K. Singh	2nd Prize
07-Oct-09	Pinacle 2009 at Raisoni College, Jalgaon	State Level	Paper Presentation Quantitative Review Techniques of Edge Detection Operators	Mr. S. Hazarika Mr. V. K. Singh	1st Prize
07-Oct-09	Pinacle 2009 at Raisoni College, Jalgaon	State Level	Software Exhibition Lab Spy An e-Journal Submission & Lab Monitoring System	Mr. M. J. Chandak Mr. R. P. Telang	1st Prize
01-Feb-09	Impact 2009 at M.J.College, Jalgaon	State Level	Software Exhibition Brain Sharpener An Interactive Brain Training Software	Mr. M. J. Chandak Mr. R. P. Telang	2nd Prize
04-Dec-09	Avishkar 2009 at North Maharashtra University, Jalgaon	University Level	Software Exhibition Lab Spy An e-Journal Submission & Lab Monitoring System	Mr. M. J. Chandak Mr. R. P. Telang Mr. C. N. Kulkarni	1st Prize

Event Date	Event Name	Event Level	Theme	Winner Name	Award
13-Jan-10	Avishkar 2009 at Solapur University, Solapur	State Level	Software Exhibition Lab Spy An e-Journal Submission & Lab Monitoring System	Mr. M. J. Chandak	1st Prize
26-Jan-10	Yoga Competition	District Level		Mr. Paresh Chaudhari	2nd Prize
28-Jan-10	Softex 2010 at Sinhagad College of Science, Pune	State Level	Software Exhibition Brain Sharpener An Interactive Brain Training Software	Mr. R. P. Telang	1st Prize
28-Jan-10	Softex 2010 at Sinhagad College of Science, Pune	State Level	Software Exhibition Lab Spy An e-Journal Submission & Lab Monitoring System	Mr. M. J. Chandak	2nd Prize
28-Jan-10	Softex 2010 at Sinhagad College of Science, Pune	State Level	Paper Presentation Quantitative Review Techniques of Edge Detection Operators	Mr. Shubhankar Hazarika	1st Prize
28-Jan-10	Softex 2010 at Sinhagad College of Science, Pune	State Level	Java Programming	Ms. N. H. Verma	2nd Prize
07-Feb-10	It Festa 2010 at IMR, Jalgaon	National Level	Software Exhibition Lab Spy An e-Journal Submission & Lab Monitoring System	Mr. M. J. Chandak	3rd Prize
07-Feb-10	It Festa 2010 at IMR, Jalgaon	National Level	C++ Programming Contest	Mr. M. J. Chandak	1st Prize
07-Feb-10	It Festa 2010 at IMR, Jalgaon	National Level	C++ Programming Contest	Mr. Milind Nanu Phirke	2nd Prize

Event Date	Event Name	Event Level	Theme	Winner Name	Award
07-Feb-10	6th National Conference at AIM, Chalisgaon	National Level	National Conference Quantitative Review Techniques of Edge Detection Operators	Mr. Shubhankar Hazarika Mr. V. K. Singh	Best Paper
07-Feb-10	6th National Conference at AIM, Chalisgaon	National Level	National Conference A Review On Swarm Intelligence	Ms. Reena Dilip Agrawal	Best Paper
07-Feb-10	AIM'S Programming Contest at AIM, Chalisgaon	State Level	'C' Programming Contest	Ms. Reena Dilip Agrawal	Consolation
07-Feb-10	Utkarsha 2010 at NSS	State Level	Photography	Mr. Dhiraj Chaudhari	2nd Prize
10-Feb-10	Pheonix 2010 at Godavari College of Engineering, Jalgaon	State Level	Quest IT Quiz	Mr. M. J. Chandak Rupeshkumar Prakashchandra Telang	1st Prize
10-Feb-10	Pheonix 2010 at Godavari College of Engineering, Jalgaon	State Level	'C' Programming Contest	Mr. Umesh Pimple Mr. Mandar Kulkarni	3rd Prize
10-Feb-10	Pheonix 2010 at Godavari College of Engineering, Jalgaon	State Level	Blind 'C'	Mr. H. D. Katariya	Consolation

37. Activities of the Guidance and Counseling unit:

There is a Psychological Counseling and Career Guidance Center functional under the Department of Adult & Continuous Education and Extension Services. The Center has 18 different types of standardized psychological tests. It offers a 15 month P.G. Diploma in Psychological guidance and counseling. It has organized camps for occupational stress and personality test for Class-I officers of the University. The total number of beneficiaries in the period under review are 96. Besides, the various departments of the University also provide counseling and career guidance in an informal way. Under this, the activities conducted are given below :

(i) University Department of Chemical Technology :

Workshop on Interview Technique: Special Placement Interview Practice Session cum Competition for Final B. Tech. (Chem. Engg. / Oil Tech / Food Tech / Plastics Tech / Paints Tech) students

Due to ever evolving and rapidly changing corporate scenario, the job aspirants are required to be well equipped with Interview Skills. In order to practice these interview skills, a Special Placement Interview Practice Session cum Competition for Final B. Tech. (Chem. Engg./ Oil/ Paint/ Plastics/ Food) was organised on October 08 and 09, 2009. On 8th October, the students appeared for two written tests (technical – 11.00am- 11.30am and aptitude- 11.30am-12.00 noon in Room No. 220) followed by GD Rounds (2.00pm- 4.00pm in Conference Hall). Technical and HR Interviews were organised on 9th October (11.00am onwards). The evaluations of interview skills of students was carried by the Department Faculty with due support from Management Experts/ Faculty. The Score Card indicating relative performance of students at different interview levels (tests/ GD/ interviews), as prepared by Judges for respective rounds, were displayed from the point of view presentation of SWOT analysis of students. The best five performances were honoured with attractive Prizes at the hands of Dr. M V Baride, Registrar, North Maharashtra University, Jalgaon. Mr. Ganesh Bathe, Lecturer in Chemical Engineering, coordinated the overall programme.

GATE (Graduate Aptitude Test in Engg.), a national entrance test for Post Graduate admissions In Engineering and Technology is one of the major examination for all final year Engineering students aspiring for PG research. With financial support through UGC supported Remedial Coaching Scheme of North Maharashtra University, SAT Cell conducted GATE Coaching Programme for B. Tech. Students during Oct. 05-14, 2009 at U.D.C.T., N.M.U., Jalgaon. Following faculty members of the Department offered guidance to GATE aspiring students: Prof S Mishra (Polymer Blends), Shri Sunil Raut (Heat Transfer), Dr R. D. Kulkarni (Polymer Rheology), Dr. V S Patil (Mass Transfer), Shri Vishal Parate (Food Tech.), Shri U D Patil (Process Calculations), Shri Kishor Patil (CRE), Shri Mahendra Bari (Mech. Operations), Shri Jitendra Narkhede ((Polymer Processing), Dr Navinchandra Shimpi (Polymer Testing), Dr. M. Talib (Food Tech.), Shri Vishwambar Patil (Mathematics), Shri Nilesh Badgajar (Polymer Synthesis). In all, 50 Chem. Engg., 06 Food Tech. and 06 Paint and Plastics students attended the coaching programme. Mr. Jitendra Narkhede, Lecturer in Chemical Technology and Mr. Ujwal Patil, Lecturer in Chemical Engineering, coordinated the overall programme.

- (ii) Several Departments/Schools like – School of Mathematical Sciences, School of Life Sciences, School of Chemical Sciences, Department of Computer Science etc. organized NET/SET coaching workshops for the students under UGC Scheme.
- (iii) The Department of Comparative Languages and Literature organized a group counseling and learning to learn workshop for students.

38. Placement services provided to students :

Sr. No.	Name of the School/Department	Name of the Industry/ Company invited	No. of students interviewed	No. of students selected
1.	Department of Computer Science	Fortune4, Mumbai, Cybertech Infosolutions (I) Pvt. Ltd., Mumbai, Avibha, Pune, MSPL, Mumbai	-	32
2.	School of Life Sciences*	US Vitamin, Mumbai, Naturally Yours Biotech., Jalgaon, Universal Medicare, Mumbai and Jain Irrigation Systems Ltd., Jalgaon	45	07
3.	Department of Mass Communication & Journalism	Zee News, A.I.R., Jalgaon and some local dailies.	-	10
4.	University Department of Chemical Technology	Crompton Greaves, Mumbai; Savita Chemicals, Thane Belapur Road, Navi Mumbai; Kansai Nerolac, Lower Parel, Mumbai; Global R & D Division, Asian Paints, Thane Belapur Road, Navi Mumbai; INDOFIL, Thane; Pidilite Industries, Mumbai; Indian Rubber Manufacturers Research Association, Wagle Industrial Estate, Thane; Elantas Beck, Pune; Siddarth Cabochem, Jalgaon and NCL, Pune, Gharda Industris, Thane, Nipon Paints, Mumbai, J.K. Papers, Sonpur, VVF Mumbai.	140	52
5.	School of Chemical Sciences	United Phosphorous Ltd., and Rallies India	-	12
6.	School of Environmental & Earth Sciences	Johnson and Johnson, Mumbai, IBM, Mumbai and MITCON, Pune	-	10

* CVs of students were made available to the companies on their request.

❖ School of Environmental & Earth Sciences has conducted placement camp for the students in the Months of December, 2008 and March, 2009.

39. Developments programmes for non-teaching staff:

The University has organized following Trainings/Lectures/Programmes for non-teaching staff for their benefit :

Sr. No.	Name of the Trainings/ Lectures/Programmes	Name of Lecturer	Date	Place
1.	Arthritis & Joint Pain : Awareness Precautions & Treatment	Dr. Yogesh Chaudhari, Nashik	-do-	-do-
2.	Stay Healthy with Your Heart	Dr. Rahul Kaiche, Nashik	-do-	-do-
3.	Guidelines regarding Vipashana	Shri Dipak Mucharikar	09.09.2009	-do-
4.	Self Confidence	Prof. Shanu Pandit Baviskar	15.09.2009	-do-
5.	Rag Ek, Rang Anek	Prof. (Smt.) Sangita Mhaskar, NMU, Jalgaon	16.09.2009	-do-
6.	Investment Strategy	Shri Chandrashekhar Thakur, Head, C.D.S.L.	24.10.2009	-do-
7.	Importance of ISO 9001-2000	Shri Anil Deshpande, Pune	28.10.2009	MC Hall
8.	Work Culture and Personality	Prof. Suresh Pande	30.11.2009	-do-
9.	Terrorism and Journalism	Shri Rahul Ranalkar, Z-24 Tas	07.12.2009	-do-
10.	Bharatnatyam Dance Programme	Smt. Ravati Ramchandran	03.02.2010	-do-
11.	Internal Peace and Personality Development	Dr. Rajhans, New Delhi	22.02.2010	-do-
13.	Mohamad Paigamber is for all and His teachings on Education for all Human Beings.	Ata Mohamad Saheb, Aurangabad	24.02.2010	-do-
14.	Provisions of Central Budget-2010	Shri Shriram Deshpande	15.03.2010	-do-
15.	Man Karare Prasanna	Dr. Ravi Dusane, Jalgaon	21.04.2010	-do-

40. Good practices of the institution:

Following healthy practices are observed by the various academic schools/departments and administrative sections of the University :

- Transparency and regularity in providing increments, time bound promotions, placements of teachers etc.
- Time bound redressal of grievances of employees.
- The University organizes annual cultural programme, sports meets and get-together for its employees for maintaining harmony.

- d) National Science Day celebration for creating awareness about science among the masses in which every department on the campus participates.
- e) All the students of the University schools/departments are covered under insurance policy. In the case of accidental death, Rs.50,000/- are given by the Insurance Company to his/her parents. From last year, University has started giving a grant of Rs.5,000/- per student in addition to the above amount as interim relief from the Hon'ble Vice-Chancellor fund.
- f) Guidance regarding English language proficiency to the needy students from the University Departments was provided for GD, PI, Overseas fellowship etc.
- g) Financial aid/support is extended to the employees of the university in the form of Medical Advance, Computer, Vehicle, Housing Loan and Festival Advance. The details of the amount disbursed during this period is given in the following table :

Sr. No.	Nature of Aid/support	No. of beneficiary	Amount (Rs. in lakhs)
1.	Medical Advance	-	-
2.	Computer Loan	46	1725570/-
3.	Vehicle Loan	37	2281552/-
4.	Festival Advance	266	793000/-

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

Various schools/departments of the university have established linkages with following institutions/organizations/industries for making research more meaningful and mutual benefits. In the year under review, the linkages with following institutions/universities were made :

Sr. No.	Name of the School/Department	Linkage established with	Nature of linkages established
1.	Department of Comparative Languages and Literatures	Maharashtra Sahitya and Sanskriti Mandal, Pune Educational Resource Center, New Delhi	Research & Teaching
2.	Department of Chemical Technology	AIMS INSIGHT, Mangalore National Pussan Laboratory, Korea, NCL, Pune, VIT, Pune, Crompton Greaves, Mumbai Maharashtra Pollution Control Board, Mumbai. Ministry of Rural Development, New Delhi	Research & Development
3.	School of Chemical Sciences	ICT, Mumbai National Chemical Laboratory, Pune, National Centre for Free Radical Research, University of Pune, Pune	Research & Development

Sr. No.	Name of the School/Department	Linkage established with	Nature of linkages established
4.	School of Physical Sciences	University of Pune, Pune, C-MET, Pune, IIT, Mumbai, IUC, Indore.	Research & Development
5.	Department of Computer Science	CSI, IETE, LSI, University of New Brunswick, Fredericton, New Brunswick, Canada, IARI, New Delhi, NCL, Pune.	Research & Development
		CSI, IETE, LSI, University of New Brunswick, Fredericton, New Brunswick, Canada	Research & Development
6.	School of Mathematical Sciences	University of Pune, Pune University of Mumbai, SGB Amaravati University, Amaravati, Dr. B.A. M. University, Aurangabad	Research & Development
7.	School of Life Sciences	<ul style="list-style-type: none"> a) Agharkar Research Institute, Pune b) National Bureau of Agricultural Important Microorganisms, Mau., c) National Instt. of Inter-disciplinary Science & Technology, Trivendrum, d) Osmania Univ., Hyderabad, e) AMITY Univ., Noida, f) University of Alabama, USA. g) National Center for Cell Sciences, Pune h) Jain Irrigation Systems Ltd., Jalgaon, Biosynthetic Pvt. Ltd., Jalgaon. 	Research & Development
8.	School of Environmental & Earth Sciences	<ul style="list-style-type: none"> i) AOGS, Singapore, ii) UNICEF iii) Maharashtra Pollution Board Mumbai, iv) Ministry of Defence, Govt. of India, New Delhi. v) Geo Forum, Aurangabad. vi) Ministry of Rural Development, Govt. of India. 	Training

42. Any other relevant information the institution wishes to add :

- (i) Department of Education organized a **G . K. Competition** with the collaboration of student welfare Department for B.Ed. students on 13/02/2010. For this exam 175 students and teachers of different B.Ed. colleges in the area of N.M.U. participated.
- (ii) Department organised educational trip in the month of October dated 6, 7, 8 & 9, 2009. In this trip, Varora, Anandwan, Ramtake, Nagpur, Chikhaldhara etc. places were visited. These places are important for their social, cultural and geographical background. In Anandwan, students were informed regarding management of the Anandwan Small Scale Business developed by Baba Amate. In Nagpur, 'Dikasha Bhumi' & 'Dragon Palace' were visited. Education & Physical Education departments of Nagpur University were also visited.
- (iii) School of Life Sciences organized a field trip to Lonar lake (Dist. Buldhana) under the UGC-SAP-DRS-Phase II programme. A team of research scholars and cyanobacteriologists from Bharathidasan University accompanied by faculty members during the visit.
- (iv) The Department of Mass Communication & Journalism was visited by following eminent personalities :
 - 1. Mr. Devendra Bhujabal, deputy director Nashik division directorate general information and public relation, government of Maharashtra, with Mr. Prasad Vasave, Information officer Nandurbar district and Mr. M.T. Gavit, Information officer Jalgaon District (Jun.2010).
 - 2. Christine Dal Bello and Sumedha Raykar, Consule - Public Diplomacy, American Center] U. S. Consulate General, Mumbai. (10 Jun. 2010)
 - 3. The Department brought out 'UMAVI VARTA' special issue on Sport in Hindi, on the occasion of National woman Basket Ball Competition at North Maharashtra University, Jalgaon.(17 Nov. 2009)
- (v) School of Environmental & Earth Sciences carried out Hydrogeological investigation of University campus.

SECTION- C

Outcomes Achieved by the end of the year :

1. The CGPA system has been introduced for some programmes on campus as per the plans. The Schools/Departments have been conferred academic flexibility and the syllabi have been revised to accommodate this change.
2. The SAP-DRS (II) and FIST-DST (II) proposals of Life, Chemical and Physical Sciences were submitted and accordingly all the 03 schools have received grants under SAP-DRS-II scheme during the period under review.
3. Budgetary provision has been made for providing financial assistance for organizing conference/seminars/symposia to colleges and University Schools/Departments and Travel Grants for attending International Conference to college. As many as 11 faculty members were provided financial assistance to the tune of Rs. 6.50 lakhs for attending International Conferences Overseas.
4. The University has started 01 M.Sc./M.A., 03 M. Tech. and 01 P.G. Diploma programmes during the period under review.
5. The University has established a Center for Studies in Nano-Science and Technology and sophisticated analytical equipments like – SEM, TEM, AFM etc. are being procured.
6. The proposal for purchasing a Mobile Exhibition Van for increasing scientific awareness amongst school going children in the jurisdiction of University as a part of Science Park initiative has been sanctioned.
7. A Biogas system based on food/kitchen waste has been installed in the Ladies Hostel on experimental basis.
8. The University has installed LED based Solar Street Lamps on campus on experimental basis as per the plan.
9. The University has taken over the Journal of Advances in Science Technology from Bhaskaracharya Research Institute, Dhule.
10. The University Health Center has been upgraded with addition of sophisticated instruments for routine blood and urine analysis.
11. The construction of permanent Convocation Stage and Indoor Stadium with multipurpose hall has been started as per the plan.
12. The construction of Social Sciences building and Zonal Parkings (Phase-I) have been completed as per the plan.
13. The University has successfully organized a State Level N.S.S. Programme “UTKARSHA” and West Zone Inter-University Basket Ball Tournament during the period under review.

PART – D

Plans of the University for the next year :

1. To make budgetary provision for providing financial assistance for organizing Conferences/Seminars/Symposia to the Colleges and University Departments and travel grants for attending International Conferences to college and campus teachers.
2. To start a five year integrated dual course B.Sc. + M.Sc. in Actuarial Science.
3. To start 2-3 new M. Tech. programmes and a few Certificate/Diploma courses for the benefit of students.
4. To expedite and complete the construction of Indoor Stadium with Multi-purpose Hall and Convocation Stage with Hall.
5. To constitute new statutory bodies (Management Council, Academic Council, Senate etc.) by elections as per the Maharashtra Universities Act, 1994.
6. To procure a Fire Fighting Vehicle for protecting the resources on campus from fire.
7. To expedite the procurement of Mobile Exhibiton Van under the Science Park initiatives.
8. To apply for ISO-9001-2008 Certificate for the University administration, Exmination, Finance and BCUD Sections.
9. To undertake repairs of internal roads on campus.
10. To install RO Water Purification System on the different floors of administrative building for the benefit of employees, students and visitors.
11. To conduct pre-Ph.D. Entrance Test (PET) as per the notification dtd. 11 July, 2009 of the UGC, New Delhi for the registration Ph.D. students.
12. To establish Khandesh Archives and Museum for preserving historical monuments of Khandesh Region in the Department of History.
13. To conduct “Environmental and Watershed Awareness Programmes” in rural parts of the Jalgaon, Dhule and Nandurbar districts by the School of Environmental and Earth Sciences.
14. To strengthen the library and documentation facility at the Gandhi Research Center of the University and to conduct examination on Gandhian Thoughts for school and college going students.
15. More butification of the campus.
16. Enhancing Industry-University interactions.

(Prof. V.L. Maheshwari)
Director, IQAC

(Prin.Dr. K.B. Patil)
Vice-Chancellor
Chairperson, IQAC

॥ अंतरी पेटवू ज्ञानज्योत ॥



NAAC ACCREDITED
'B' Grade (2.88 CGPA)

NORTH MAHARASHTRA UNIVERSITY, JALGAON



(A top view of newly developed Garden between Central Library & Administrative Buildings)

ANNUAL QUALITY ASSURENCE REPORT FOR THE YEAR 2009-10

Submitted to

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