

The Annual Quality Assurance Report (AQAR) 2009-2011 IQAC Nizam College. Osmania University. Hyderabad

Name of the Institution: NIZAM COLLEGE OSMANIA UNIVERSITY

Part- A

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

Nizam College is a Higher Educational Institution catering to UG, PG courses and research. IQAC in Nizam College has been monitoring the enhancement and sustenance of quality measures as a continuous process by identifying benchmarks of excellence, promoting the regular conduct of academic, administrative and co-curricular activities. It has been able to initiate, sustain, evaluate and improve performance by recording events and activities in Events Register, publication of a yearly News Letter, Department Profiles and feedback processes and thereby taking corresponding steps.

Plans were drawn for:

- a. Infrastructure development
- b. Skills Training for Teaching and Non Teaching Staff
- c. Value added courses
- d. Interdisciplinary courses
- e. Up-gradation of Labs
- f. Introduction of CBCS system
- g. Evaluation, revision and implementation of courses
- h. Organize seminars, workshops and extension activities
- i. Introduce project work for students and encourage minor and major projects for faculty
- j. Strengthen Alumni Association
- k. Innovative NSS programmes

Part B

1. Activities reflecting the goals and objectives of the institution

The objectives of the institution being

1. To give each student a meaningful, learner-centered classroom experience in an institution which is the symbol of excellence in higher education.
2. To impart quality education in all the fields of study so as to make the students acquire in-depth knowledge of their chosen subjects.
3. To help students make the transition from technical competence / theoretical knowledge they acquire to a practical / experiential dimension of learning and application to real-life situations.
4. To inculcate in students a sense of belonging, love for and loyalty towards their alma mater.
5. To give an all-round development to the students' personality and bring out the perfection which each person has been invested by nature.
6. To enable the students to make the best use of their degrees acquired from the College and fit to survive in the world of challenges once their course of study in the College is complete.
7. To transform the students into mature individuals and true global citizens.

The following activities have been taken up

- To create a learner centered atmosphere in the classrooms the use of teaching aids and interactive sessions are encouraged.
- Syllabus is regularly reviewed, modified and ratified by the Boards of Studies of the respective departments keeping in view the market demands and the student response. Presentation of seminar papers by students enables self study skills and instills confidence in the learners.
- To impart quality education in their respective fields of study, some courses like Chemistry, Psychology and Commerce include in their curriculum project work in collaboration with industry, other institutions and laboratories.

- Science exhibitions, study tours to other organizations like NIRD, helps students make the transition from technical competence / theoretical knowledge they acquire to a practical / experiential dimension of learning and application to real-life situations.
- To inculcate in students a sense of belonging, love for and loyalty towards their alma mater, various activities are taken up by the alumni association and the students who pass out are encouraged to visit the college soon after their placement to interact with the students and make them aware of the challenges they had to face in the process of their placements. Nizam College can take pride to claim impressive alumni. Often our alumni come as subject experts and guests of honour for seminars and workshops conducted by the college. 120 year celebrations brought forth the grandeur and prominence of the alumni.
- To give an all-round development to the students' personality and bring out the perfection students are encouraged to participate and conduct inter-college activities like seminars, cultural activities and sports events. Value added syllabus, courses in Soft skills and Communication Skills transform the students into mature individuals and true global citizens.
- Placement and Guidance Cell enables the students to fit into proper positions and take up the challenges once their course of study in the College is complete. Reputed organizations like Infosys, Cognizant, IDBI, Dr. Reddy labs, Franklin Templeton, Apollo Health Care etc. take our students in their organizations.
- Continuous research and regular publication of academic papers by almost all the teachers is one of the major strengths of Nizam College. A significant number of teachers have minor and major projects sanctioned by the UGC and other recognized bodies.
- To strengthen the regular fulltime courses 14, Certificate, 07 Diploma and 07 PG Diploma courses are also being offered under the Career Oriented and Skill Oriented programmes.
- The college adopts an inclusive system of admissions, academic programmes and co curricular activities. Having a history of 123 years Nizam College has always

responded to the growing needs of learning, keeping in view the panorama of Indian society.

- Admissions are made as per the state reservation policy giving equal opportunity to all the deserving candidates. Book bank exclusively for SC and ST students, special tutorials for hostel students by way of guidance and language skills classes are held after the college hours.
- Physically impaired, differently enabled students are provided study materials in Braille and scribes are made available at the time of the examinations. The College is now in the process of installing software that would enable the visually impaired learner to use the computer to learn and also write the exam.
- Nizam College having a sprawling space has various eco-friendly programmes like ‘*vanamahotsavam*’, paper recycling in collaboration with NIRD, talks by various Nature Societies like Butterfly and Snakes conservation society etc
- NSS and NCC units in the college regularly take up activities that help the stakeholders develop a sense of service, dedication and commitment.
- A well equipped sports department provides healthy physical activities, develops team spirit and facilitates a holistic approach to learning.
- NSS units I and II conducted a Special Summer Camp from 11th March 2010 to 17th March 2010 at (Village) ChinnaMangalaram, (Mandal) Moinabad, (Dist) Rangareddy about 70 NSS volunteers participated in this camp. J Nagaraju a volunteer of B.Sc. III Year participated in Pre-Republic Day Parade Camp held at district Rativid, Bhopal from 22nd to 31st October 2010.
- J. Nagaraju was also selected for Republic Day Parade Camp held in New Delhi from 1st January to 31st January 2010. He was in NSS contingent parade on 26th January 2011.
- M. Vidya Sagar another NSS volunteer of B.Sc. III Year participated in National Integration Camp (NIC) held at Puducherry, Tamil Nadu from 22nd to 29th march 2011.
- For Value orientation there are soft skills and life skills training included in the courses that cut across faculties. NSS and NCC units in the college regularly take up activities that help the stakeholders develop a sense of service, dedication and commitment.

- A well equipped sports department provides healthy physical activities, develops team spirit and facilitates a holistic approach to learning.
- BCA, MCA and MSCIS are some of the courses that are being offered by the college which are ICT oriented. Even teachers attend orientation courses with topics as ICT for Language and Skills Learning which enables them to guide learners in such areas which would enable study skills in a global context

2. New academic programmes initiated (UG and PG)

- Add on Courses for PG students – Communicative English and Soft Skills, Ethics and Human Relationships,
- Interdisciplinary Papers for PG students offered by each department in 3rd and 4th Semesters.
- Environmental Sciences as an add on course for all undergraduate students
- A Certificate Course in Quantitative Method, Dept. of Economics.
- Diploma in Taxation, Dept of Commerce.
- M.Sc., Chemistry (Pharmaco-informatics) and M.Sc. Organic Chemistry, Dept. of Chemistry
- Course in English Communicational Skills for Students, Professionals and others, (2 batches): 19th Jan. – 25th Feb. 2009;
- Course on Writing Skills, 17th – 30th April 2009;
- Course in Spoken and Written English for Students, Professionals and others; May to June 2009;
- Course in Spoken and Written English for Students, Professionals and others: 1st – 24th June 2009;
- Course in Spoken and Written English for Students, Professionals and others, Sept.- Oct. 2009.

3. Innovations in curricular design and transaction

Introduction of continuous evaluation, internal assessments, project works and internships at UG level have been implemented. Majority of the faculty are using the following innovative techniques in their teaching.

- ICT

- Models, Charts
- Demos

Innovation in teaching is an important criterion for recommending any teacher for promotion under CAS, and awards given by the State and the Central government. At PG level many innovations have been implemented through CBCS system. Interdisciplinary courses have been introduced across faculties and within the faculty. Seminar presentations have been formalized. Project work and viva voce have been integrated into the evaluation processes.

The department of English has brought out its own teaching materials for General English course which is compulsory for students of all faculties at the undergraduate level. This course has a holistic approach to learn language skills along with life skills and study skills.

4. Inter-disciplinary programmes started

There are compulsory interdisciplinary courses like:

- Environmental Science, for UG courses
- Communicative English and Soft Skills for PG
- Ethical Values and Human Rights for PG

Interdisciplinary Courses like Film and Literature, English for Academic Writing, Personality Development and Wellness, and Community Work are some of the courses introduced for the PG students. These courses promote value education and social citizenship roles besides establishing an interaction among various departments.

5. Examination reforms implemented

Once the college attained autonomy, semester system was implemented which continues till date. This system enables continuous assessment. Internal evaluation for all practical examinations has also been introduced. Revaluation and recounting are practiced to ensure transparency. A few amendments were made in the semester examination system so as to allow the students with backlog to clear the V semester exam along with the even semester examinations and the VI semester exams can be cleared along with odd semester exams. There is no detention system at the end of II and IV semesters.

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

Candidates applying for NET / SELT / GATE though process their applications through the college, results are not sent to the college, hence the data cannot be authenticated. However efforts are being made to collect the data.

7. Initiative towards faculty development programme

The faculty members are encouraged to do various orientation and refresher courses offered by UGC-Academic staff colleges. The faculty members who have attended various faculty development programmes are:

- Mr. T. Gangadhar, (Chemistry) attended an Orientation Programme organized by UGC, Academic Staff College, Osmania University, Hyderabad from 1st June.2010 - 28th June.2010.
- Dr. I. Daisy, (Economics) attended 6th Refresher Course in Environmental Studies sponsored by UGC – organized by Academic Staff College, Osmania University, Hyderabad from 9th June.2010 – 29th June.2010.
- Dr. G. Anjiah, (History) attended a Refresher Course in History organized by UGC - Academic Staff College, Osmania University, Hyderabad from 5th July, 2010 – 24th July.2010.
- Dr. B. Lavanya (History) attended an Orientation Course at Academic Staff College O.U. College in July 2010.
- Mrs. V. Dhanalaxmi (Mathematics) attended a Refresher Course in Mathematics and Statistics and obtained grade ‘A’, organized by UGC – Academic Staff College, Osmania University, Hyderabad from 7th - 29th December 2010.
- Ms. Asma Begum (Persian) attended a Refresher Course in Persian conducted by Maulana Azad National Urdu University, Hyderabad from 25th Nov.2010- 15th Dec.2010.
- Dr. S. Kamalakara Sharma (Telugu) attended a Refresher Course in Environmental Studies organized by UGC – Academic Staff College, Osmania University, Hyderabad from 9th June.2010 – 29th June.2010.
- Dr. Surichi Padmaja (Zoology) attended a Refresher Course in Environmental Studies organized by UGC – Academic Staff College, Osmania University, Hyderabad from 9th June.2010 – 29th June.2010.

- Dr. K.Y Chitra (Zoology) attended a Refresher Course in Life Sciences organized by UGC – Academic Staff College, Osmania University, Hyderabad from 6th Sep.2010 - 26th Sep.2010.
- Dr. K. Venkateswarlu (Sanskrit) attended a refresher course in Sanskrit at Academic Staff College, O.U.from 24-02-2010 -17-03-2010.
- Dr. M. Savitri (Economics) attended a refresher course on “Research Methodology in Social Science Commerce, & Management” at Academic Staff College, O.U. from 22-12-2009 - 12-01-2010.
- Dr. G. Anjaiah & Dr. B. Lavanya (History) attended a refresher course in history at Academic Staff College, O.U. from 15.02.2010 - 6.03.2010.

8. Total number of seminars/workshops conducted

- From 25th Aug. – 6th Sep. 2010, the Dept. of Commerce organized a Workshop on Communication Skills and Personality Development. The Key Speakers were Jc. Saraswati Pradeep, Jc. Ramna G, Jc. Gampa Rao, Jc. Jagdish Upadhyaya, Jc. Pradeep K. V., Jc. Uday K.V., Jc. Sneha Bang, Jc. Bharadwaj, Sri. B.V. Pattabhiram, Jc. Umesh Gupta, Sqn. Ldr. Jayasimha,
- On 26th Aug. 2010, Dept. of Psychology and Marketing organized a seminar on Animation-VFX production pipeline awareness in collaboration with ANILIONS animation & visual effects. Dr. Srinivas, Multimedia Specialist from Think Unicorns and Mr. Durgaprasad were the key speakers
- From 30th Aug. – 3rd Sep. 2010, a 5 day Workshop was organized on Embedded Systems for UG Teachers by the Dept. of Physics. Chief Guest for the programme was Prof. T. Tirupathi Rao, Hon’ble Vice Chancellor, O.U., Guest of Honour was Prof. P. Jayaprakash Rao, Chairman AP State Council of Higher Education, Mr. Ramesh Datla delivered the keynote address on “Embedded Systems – The quiet technology revolution influencing the way we live”. Prof. Naidu Ashok presided over the function. Prof. C. Beena, Registrar, O.U. presided over the Valedictory function held on 3rd Sep. 2010. The workshop was attended by 49 Lecturers working in different Colleges in Telangana Region of A.P. An Experimental Kit i.e., low cost micro controller kit was specially designed for the Workshop worth Rs. 1000/- and text books worth Rs. 400/- were given to participants

- On 19th Sep. 2010, Dept. of Zoology, Nizam College, Hyderabad and Janavignana Vedika (AP) organized a National Seminar on Agriculture, Development and Environment. Prof. Naidu Ashok, Principal, presided over the function. The Chief Guest was Dr. Ch. Mohan Rao, Director, CCMB, Hyderabad and President Prof. M. Adinarayana JVV Hyderabad City graced the function
- On 28th Feb. 2011, the Dept. of Physics, Nizam College organized a National Seminar on Teaching and Research in Bio-Physics on the eve of superannuation of Prof Adeel Ahmad. The Chief Guest for the inaugural ceremony was Dr. A. K. Singh, Scientist, DMRL, Hyderabad, and the Guests of Honor were Prof S. Ramana Murthy, Dean Faculty of Science, Osmania University and Prof K. Narasimha Reddy, Head, Dept of Physics, Osmania University. The Chairman was Prof. K. Madhukar, Head, Dept. of Physics, Nizam College and Prof. Naidu Ashok Presided over the Inaugural Ceremony. Prof. Adeel Ahmad, Chairperson BOS was also present. The Chief Guest for the Valedictory Function was Prof. V. Kishan Rao, Registrar, O. U.

9. Research projects a) Ongoing; b) Completed

Minor Research Projects

- Dr. U. Umesh Kumar (Chemistry) Minor Research Project entitled “*Hydrolysis of Adenosine Triphosphate in Micellar Media – A Kinetic Approach*”, UGC, SERO on 21st February 2011.
- Prof. Annie Pothen (English) has taken up UGC Minor Research Project entitled: “*Indian Cultural Context vis- a-vis The Poetry of Nissim Ezekiel*”
- Dr. G. Anjaiah (History) has taken up UGC Minor research project entitled ‘Trade and Commerce in Andhra Desa’ 1300 – 1687 A.D.
- Dr. Vinita Pandey and Mr. K. Bhavani Shankar (Sociology) have done joint minor research project titled “Changing faces of social communication: A Note on Social Media in Hyderabad”, SAP, DSA-Phase I, UGC, Dept. of Sociology, Osmania University, Hyderabad, (October 2010)
- Prof. S. Sabitha Raja (Zoology) Minor research Project entitled “Bioremediation and Biomonitoring Potential of Certain Ciliate Protozoa to Toxicant Influx and their possible use in Decontamination in Pesticides” on 14th Feb. 2011.

- Dr. A.Venkata Rajashekhar (Zoology) Minor Research Project entitled “Population Dynamics of Helminths Pollution on Impact on Sustainable” on 14th Feb. 2011.

Major Projects:

- Dr. M. Vijjulatha (Chemistry) was sanctioned an amount of Rs.19,60,000/- under CSIR Research Scheme for her research entitled “Computational Design, Docking, Qsar, Synthetic And Activity Studies On Thymidylate Synthase (Human and E.Coli) on 28th Dec.2010.
- Dr.A. Nakula Reddy (Economics): UGC major research project entitled “Acreage Response of Food Crops in Andhra Pradesh” 2011 – 2013.
- Prof. Sumita Roy (English) UGC Major Project entitled: “*Study of Soft Skills in Indian Philosophical Prose*”.
- Dr. B. Srinagesh (Geography) Major research project entitled “Urbanization and impact on health – A study of communicable diseases in Hyderabad using remote sensing and GIS” under ad-hoc research schemes sponsored by Indian Council of Medical Research (ICMR), New Delhi. Nov. 2010.
- Dr. Vinita Pandey (Sociology) Major research project entitled “Cosmopolitanism and Regionalism: Rethinking Urban Development in Post Industrial Cities – A Case Study of Hyderabad”, Indian Council for Social Science Research (ICSSR), New Delhi. (2011-2013)
- Prof. M. Bagaiah (Telugu) UGC Major research project entitled “Research Project on Yakshaganas in Telugu” with special reference to Telangana” 2011 – 2013.
- Prof. M. Usha (Commerce) UGC sanctioned major research project in February 2008 on ‘The Impact of Tax Reforms on Federal Revenues of India’ which is under completion.
- Dr. I. Daisy (Economics) “Consumption patterns of Households by Income – An Empirical study in Andhra Pradesh” during 2009 – 2011 sponsored by UGC.
- Dr. M. Savithri (Economics) “Self- Help Groups- A helping hand for Women Empowerment- A case study of Telangana Region of Andhra Pradesh” sponsored by UGC for the period 01-02-2010 - 31-1-2012.
- Dr. E. Purushotham (Economics) A Major Research Project on “Urban Poor and Swarna Jayanthi Shahari Rozgar Yojana – A study of migrated tribes in Urban Areas of A.P” during 1-2-2009 to 31-1-2011 sanctioned by the UGC New Delhi.

- Prof. V. Uma, Principal Investigator, (2009 – 12) Rs. 9.3 lakhs major research project titled – “A novel therapeutic target for tuberculosis - Identification of a new lead molecule” sanctioned by University Grants Commission, New Delhi.
- Prof. V. Uma, Research Project Mentor, (2009- 12): Rs 23 lakhs to Post-Doctoral Woman Scientist Dr. Sarita Rajender under woman Scientist Scheme WOS-A from DST, New Delhi “Novel Targets for Cancer Therapy-Identification of New Lead Molecule” sanctioned by Department of Science and Technology, New Delhi.
- Prof. V. Uma (2010 - 13) Rs 11 lakhs, Research Project, Mentor to Pre Doctoral woman Scientist Ms. Ramasree, D under woman Scientist Scheme WOS-A from DST, New Delhi “Identification of new molecular entities for novel apoptotic target proteins AT1 and AT2”sanctioned by The Department of Science and Technology, New Delhi.

10. Patents generated, if any

Prof. V. Uma and her research team: Indian patents filed for the New Chemical Entities for cancer therapy.

11. New collaborative research programmes

Prof. V. Uma:

- Collaboration with Prof Dwarakanath. K. Murthy, Department of Genetics, Science College, OU
- Collaboration with Prof. Ch. Venkataramana Reddy, Department of Chemistry. JNTU , Hyderabad
- Prof. S. Satyanarayana, Department of Chemistry, Science College, OU.

National

- Synthesis of New Molecular Entities identified by *In Silico* techniques at VMB Info, Hyderabad.
- Cancer Activity Testing by GVK Bio Science, Hyderabad.

International

- Dr. Venkat R. Mereddy, Ph.D. Associate Professor , Department of Pharmacy Practice and Pharmaceutic, University of Minnesota Duluth, 1039 University

- Drive, Duluth, MN 55812 for testing anticancer activity identified by *In Silico* techniques.
- Dr. Srinand Srivatsan, Associate Professor and Director of Graduate Studies (VMED) Veterinary Population Medicine Department, College of Veterinary Medicine, 1971 Commonwealth Avenue, Rm 301E, St. Paul, MN 55108 for testing anti tuberculosis activity of new chemical entities identified by *In Silico* techniques.
 - (January 2008) Joint collaboration to conduct international conference on discrete mathematical Chemistry conference with Prof. Subhash Basak, University of Minnesota Duluth, 1039 University Drive, Duluth, MN, 55812. Sponsored by DBT, CSIR, UGC and APSCHE.

12. Research grants received from various agencies

- On 22nd Mar. 2010, The Executive Council O.U. has agreed to the proposal of construction of a separate Chemistry Block adjacent to the Centenary block in the premises of Nizam College, Hyderabad, with ground & first floor covering a total plinth area of 9,900 sft. The estimated cost for this is 137 lakhs being met as follows: (1) Funds provided by the APSCHE Rs. 100.00 lakhs (2) Internal resources of Nizam College Rs. 37.00 lakhs.
- A grant of Rs. 2, 00,000/- has been received from UGC for the introduction of foundation course in Human Rights at Dept. of Political Science.
- A grant Rs. 7, 50,000/- as first installment (out of 15 Lakhs) has been received from UGC for Rejuvenation of Infrastructure in old colleges under XI plan merged schemes during the financial year 2010-2011.
- Autonomous Grant of Rs. 16, 00,000 released by UGC for the year 2010-2011.
- Under XI plan College Development of Post Graduate Assistance the grants were released for the Dept. of Chemistry- Rs. 4,80,000/-; Physics- 4,80,000/-; Zoology- 4,80,000/-; Commerce- Rs. 3,00,000/-; English - Rs. 3,00,000/- Economics- Rs. 3,00,000/-; History- Rs. 3,00,000/-; and Sociology- Rs. 3,00,000/- during the Financial Year 2010-2011.

- Under Additional Assistance to Colleges already included under 12B UGC has approved 25 lakhs. UGC has released Rs. 12, 50,000/- as first installment for the equipments.
- The grant of Rs. 1,00,000/- has been received for the celebration of 2011 as International Year of Chemistry.
- UGC, New Delhi has sanctioned CPE status in the Phase - II under XI plan Scheme. The grant of 1.50 Crores has been approved. The College has received the CPE grants of Rs. 37, 50,000 as first installment.
- A Grant of Rs. 10 lakhs has been approved from the Welfare of Disabled and Senior Citizens Dept, Govt. of Andhra Pradesh for providing barrier free environment in the college under the scheme “Scheme for Implementation for Persons with Disabilities Act, 1995 (SIPDA).

13. Details of research scholars

Under the supervision of Dr. S. K. Mahmood (Botany) the scholars awarded Ph.D are (1) Dr. V. Kishore Reddy for his thesis “Characterization of Polyhydroxyalkanoates Accumulating Actinomycetes from Soil”, 2010 (2) Dr. Rituparna Sharma for her thesis “Compha and Comsia Studies of Cannabinoid Receptors”. The UGC-SRF scholar working under him is Ms. Nagamani, 2010.

Under the supervision of Prof. G. Venkateswarlu (Chemistry) the scholars awarded Ph.D are– (1) Arishaiya Fatima for her thesis “Molecular and Charge Transfer Complexes of π and Acceptors with Drugs for the Analysis”, 2010 (2) P. Kista Reddy for his thesis entitled “Charge transfer Complexes for Drugs with π Acceptors for the Analysis of Drugs, 2010.

Under the supervision of Prof. S. Satyanarayana (Chemistry) the scholars awarded Ph.D are (1) K. Laxma Reddy: for his thesis entitled Design, structural elucidation, DNA interaction and antimicrobial activities of mixed ligand polypyridyl Ru(II) and Co(III) complexes. (2010), (2) Penumaka Nagababu: for his thesis entitled Studies on DNA binding and photocleavage activities of Co (III) and Ru(II) complexes. (2010), (3) Mr. K. Ashwini Kumar: for his thesis entitled Synthesis, Characterisation, DNA-binding, Photocleavage and antimicrobial activity studies of Polypyridyl Transition Metal (2011)

Under the supervision of Prof. Nakula Reddy (Economics), Mr. Dattahari was awarded Ph. D for his thesis entitled “Priority sector lending by bank – A case study of Nizamabad District”, 2010.

Under the supervision of Prof. K. Pratap Reddy (Economics) (1) Mr. J. Vara Prasad Reddy was awarded Ph. D for his thesis entitled “Relevance of Marketing Approach to Entertainment with specific Reference to Telugu Film Industry – A Critical Study”, 2010.

Under the Supervision of Prof. M. Venkateswara Rao (History) Mr. G. Arun kumar was awarded Ph. D for his thesis entitled “Social Background of Telangana Peasants Armed Struggle 1946-51”.

Under the supervision of Prof. V. Padmavathi (Philosophy) the scholars awarded M.Phil are (1) Mr. Mohan Kumar for his thesis “The Concept of Education in Sri Aurobindo’s Philosophy – A Study”, 2010 (2) Mr. Sri Kanth “The Concept of Compassion in Buddhism”, 2010 (3) Mr. Venkateswar Rao for his thesis entitled “Sri Aurobindo’s concept of Integral Yoga – A Study”, 2010. Under her supervision Ph. D was awarded to Mr. Vamshidhar for his topic entitled “The Concept of Bodhisattva in Buddhist Philosophy – A Study”, 2010.

Ms. Prasanna Sheela (Biotechnology) cleared UGC NET and has enrolled for Ph. D on “Diversity Oriented Structures as Anti Cancer Drugs” under the supervision of Dr. Dwarakanath K Murthy.

Vasavi Malkhed: Submitted Ph. D thesis - May 2011; under the guidance of Prof V. Uma with the title “Design of new chemical entities for new therapeutic targets of Mycobacterium tuberculosis- A Computational approach”.

Prof. V. Uma: Two – DST woman Scientists, One – SRF(UGC), Two – JRFs, One – UGC Project Fellow

- a. Dr. P. Sarita Rajender: DST Women Scientist.(2009-2012)
- b. Ms. D. Ramasree: DST, Women Scientist(2010 – 2013)
- c. Ms. Bhargavi Kondagari: UGC, SRF. (2011 – 2013)
- d. Ms. Bandi Jyothi : CSIR (JRF) (2011 – 2013)
- e. Mr. Krishnaiah Dasari : UGC(JRF)(2011 – 2013)
- f. Mr. Rajender Vadija : Project Fellow in Major Research Project (UGC)(2011)

Under Prof. Ch. Sarala Devi's guidance Aliya Begum was awarded Ph. D in 2009 she worked on: 'Spectro-Analytical Studies on 5-Phenyl-3-Mercapto-1,2,4-Triazole Derivatives and Their Metal Complexes'

14. Citation index of faculty members and impact factor

Impact factor of journals in which the college faculty publishes ranges from 0.5 to 10 with various citation indices for individual authors

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

Ms. Parameswari (Commerce) was selected as Captain for 34th National games (20th to 25th February 2011, Ranchi) for women's Netball team.

Prof. V. Uma: 1. Ms. M. Vasavi was awarded Young Scientist during 2010, by Dr. K.V. Rao Scientific Society.

2. Best Poster award at "The Fourth Indo- US Lecture Series on Discrete Mathematical Chemistry (With application to drug discovery, environmental protection, genomics and proteomics) jointly organized by The Department of Chemistry, Nizam College (Autonomous), Osmania University, Basheerbagh, Hyderabad – 500001 and Natural Resources Research Institute, University of Minnesota, Duluth, Minnesota – 55811, USA (6th - 9th Jan, 2009) Sponsored by IUSSTF, CSIR, UGC and APSCHE"

16. Internal resources generated

Dept. of Sociology: 3.5 lakhs through three add on courses. COP: Rs.5, 00,000 Lacs.

Dept. of Commerce: Rs. 50,000/- generated by offering the Add on course, 'E-

Commerce and Web Developer.' Rs.5, 00,000 for UGC COP.

Dept. of Chemistry: Received a grant under DST FIST 14 Lacs, 7.00 Lacs from UGC-COP

Dept. of Physics: Received a grant under DST FIST Rs.10, 00,000/- by offering two P G Diploma courses and one Add On course.

Dept. of English: ELTC courses 1.1Lacs; Text Book Publication – 18,000/-

17. Details of departments getting assistance/recognition under SAP, COSIST (ASSIST) / DST, FIST, and other programmes

The departments of Genetics, Biotechnology and Chemistry get assistance under these programmes

18. Community Services

Nizam College has an active NSS unit that takes up community services such as literacy programmes for the families of the support staff, awareness programmes in the surrounding villages, blood donation camps, campus cleaning and maintenance. Two camps per year are conducted regularly.

Our student volunteers actively participate in Programmes organized by Palliative Care Society and also AIDS awareness programmes. They also provide emergency help in times of natural calamities.

Students actively participate in programmes organized for environment protection and maintenance of eco-balance.

Women's Cell is regularly organizing awareness programmes regarding women's health, rights and responsibilities towards society and self.

Psychological Counseling Centre organizes interactive sessions and advice to the physically challenged especially the visually impaired. The library is gradually equipping itself with Braille texts and audio learning aids. The college provides scribes for the visually impaired during the examinations. MP3 Audio Players were given to visually impaired students.

19. Teachers and officers newly recruited

Dr. M. Sayaji joined as Associate Professor in the Dept. of Chemistry in 2011, Earlier he has served as Principal, O.U. PG College, Mirzapur, Medak Dist.

Administrative Posts in College

Vice Principal: Prof. D. Suresh Babu, former Head, Dept. of Physics, Nizam College was appointed as vice principal on 12th Nov. 2010

Controller of Examinations: Dr. R. Venkateswarlu,

Heads of Departments: Prof. G. Venkateswarlu (Chemistry), Prof. D. Ramesh (Commerce), Prof. B.T. Seetha (English), Dr. G .Anjaiah (History), Prof. K. Madhukar (Physics), Prof. S. Devaprakasham (Sociology), Librarian: Dr. S. Yadigiri.

20. Teaching – Non-teaching staff ratio

Teaching – Non Teaching staff ratio: 7: 5.4

21. Improvements in the library services

Nizam College library is housed in an exclusive floor and the basement of the Social Sciences Block. The library has a sprawling reading hall, circulation counter and a service area. Two sweepers are exclusively appointed to dust the books and to keep the premises clean and neat. The library functions are partially automated. On an Average 75 to 100 books are issued /returned per day. It caters to reference enquiries by users.

The Library supports the Teaching/Non teaching staff, Under Graduate Students, Post-Graduate Students and Research Scholars for their academic and Competitive exam preparations. Besides the main Library some of the Post-Graduate and Under Graduate departments have their own Seminar Libraries. The main Library Purchases and Processes the Books/Journals from various grants viz, Recurring, Foundation, Autonomous, Self finances and UGC XI plan etc. and send the Books to the Seminar Libraries as required by them.

Sections of the Library: The Library has a Reading Cum Reference Room, Study Centre Library, Stack area, Circulation Section, Data Processing Section, Technical Section, SC/ST students Book Bank.

Working Hours: Library functions on all the working days from 10AM to 4.30PM. Study Centre Library functions from 12.00 noon to 6.00PM on all the working days to support the Students Academic needs.

Osmania University Library: In addition to the College Library, the Nizam College Students/Faculty members are having access to Osmania University Library, which works throughout the year except '5' national holidays from 9 Am to 11 PM on all the working days and 10AM to 4.30PM on holidays.

Library Collection: The Library has about 1, 27, 560 documents, which includes 8,000 Text books 5,000 Reference books. In addition to the books, Library is subscribing to 40 Scholarly Journals/Magazines and also 18 News papers in

English/Hindi/Urdu/Telugu Language. There are about 3,000 books in SC/ST Book Bank, which can be utilized by the SC/ST Students of the college.

All the Library books are classified by using DDC (Dewey Decimal Classification) and Catalogued by using AACR-2 (Anglo American Cataloguing Rules-2) method.

Automation: The Library database is generated by using New-Gen-Lib Software. All the Books are Bar-coded.

Open Access (Computerized) Catalogue: In addition to the Card Catalogue, Library has placed a Computer Terminal to search the documents on Author/Keyword/Title/etc.

Library Advisory Committee: The Library has an Advisory Committee with Principal as chairman and Librarian as Secretary along with Nine Senior professors as members for its effective functioning. This committee allocates funds to various departments taking into consideration the proposals put forth by the departments and courses offered by the department and the student strength. It also looks into the problems of the library.

Library Services/Functions: Library is extending the following services

- Lending of Books
- Reference Service
- Photocopy Service on demand
- Supply of Old Question papers to the students
- Current Awareness Service
- Bibliographic Service
- Supplying of MP-3 Players to Visually Challenged students with support of Government of AP (AP Vikalangula Co-Operative Corporation)
- Copying the Talking Books on DVD/ MP-3 players (developed by Samrita Trust, Hyderabad) which are supplied to the Visually Challenged Students.
- Internet Service - Library has Internet Connectivity. The Faculty/Students can access the internet through their respective Dept. Labs.
- E-books: Osamina University Library has digitized about 50,000/- Rare/Old books that are made available through Osmania University Website. The Library is also acquiring E-books and placing in Osmania University Website. Faculty/Students can access the same.

- E-Journals: Osmania University has access to about 500 E-Journals of UGC INFLIBNET/ INFONET Digital Library Consortium. Nizam College also has access to the same. Scholars/Students can access the same through (CFRD) Central Facilities for Research & Development building, Osmania Univeristy.

22. New books/journals subscribed and their value

Books added and Amount Spent in the Last Five Years (2006-2011)

Year	Books added	Amount Spent
2006-2007	3299	Rs.10,35,545-00
2007-2008	3600	Rs.11,72,714-00
2008-2009	5187	Rs.10,56,443-00
2009-2010	3947	Rs.11,81,587-00
2010-2011	5795	Rs.17,68,291-00

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

A pilot edition of the course work introduced by the department of English for UG students was assessed by the students and the teachers. Feedback was analysed and discussed and suggestions were implemented while publishing the text books.

Student feedback has been introduced at the PG level. Students' responses are discussed in the individual departments for follow up action.

Feedback was taken for the new courses introduced for the undergraduate students by the Department of English. In response to the suggestions and reactions of the students and teachers approach to teaching and testing of some activities was modified.

24. Feedback from stakeholders

Stakeholders are members on various academic and administrative bodies. Their suggestions and opinions are sought during the formal and informal meetings so as to use the information for the up-gradation of programmes offered and effective functioning of the college.

25. Unit cost of education

Unit cost of education based on recurring and non-recurring expenditure in the college is Rs.25, 232/-.

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

- Tabulation and results processing have been computerized. It is also proposed to automate the entry of marks by evaluators in award lists. Entrance examinations and admissions into all postgraduate courses are computerized by the Directorate of PG Admissions at the University.
- Many of the Administrative Activities are computerized (e.g. Salaries etc.)
- A multi purpose identity cards have been issued to students which can be used at college, library and hostel.
- Admissions process for UG is partially computerized.

27. Increase in the infrastructural facilities

On 23rd July 2010, Prof. T. Tirupati Rao, Honorable Vice Chancellor, Osmania University laid the foundation stone for the construction of a new Chemistry Block and also inaugurated the Research Laboratory along with the equipment for Low and High Temperature Di-Electric Measurement setup in Nizam College. The equipment was purchased under Basic Scientific Research Grant (BSRG) Sanctioned by UGC.

A new Ladies Hostel Block for the students of Nizam College in the University Campus was inaugurated on 8th August 2011 by the our Honorable Vice Chancellor, Prof. S. Satyanarayana; he also inaugurated the new Chemistry Block in the college premises on 21st Nov. 2011.

28. Technology upgradation

- College administrative block has been networked.
- More computers were provided to the departments.
- Software for Multimedia Lab has been bought.
- Equipment of the Instrumentation and Analytical Lab was upgraded.
- LCD Projector with screen and sound system was installed in the Language Lab.
In the seminar library of the Department of English LCD TV was installed.
- Fiber Optics has been installed in the college for better connectivity.

29. Computer and internet access and training to teachers, non-teaching staff and students

Computers are given to every department which can be used by the teachers and students of the respective departments. Basic computer training is given by the Computer Department to the students who wish to learn. Teachers are being trained to prepare multimedia lessons. Courses like CALL (computer aided language learning) are being offered.

30. Financial aid to students

Students of backward communities are given scholarships by the Social Welfare department. All students are insured; in case of any untoward incident they are covered under the insurance scheme. Students are recommended for bank loans for higher education. Mr. M. Krishna Reddy, (M.A. Sociology I Year) has been provided a loan to purchase Mahindra flyte (vehicle for Physically handicapped) for Rs.37,500/- out of which Rs.5000/- is subsidy and Rs.32,500/- need to be repaid in 36 installments starting from 2 years after the completion of his present course or getting gainful employment whichever is earlier . The Janata Accidental Insurance Policy cover for students has been increased from Rs.50,000/- to 1,00,000/- for students taking admission this academic year. Alumni of the year 1998 – 2001 batch have initiated a process to identify six toppers in various faculties from second and final year degree course to give them a cash prize of 5000/- each.

31. Activities and support from the Alumni Association

The existing Alumni Association (Nizam College Madrasa-Aliya Old Students' Association) which has its office outside the college meets occasionally. Since the association is functioning from outside and also since tangible support to college has not been there, a need is felt to form an association that is functioning from the office of the Principal as the Ex-officio chairperson. In this context, meeting of some old students was held in the college in July 2007. Another meeting which was scheduled on the 20th of September 2007, finalized the aspects relating to the formation of the association. The newly formed in-house Alumni association worked towards promoting regular interface between the college and the alumni. The focus is on, broad basing the membership, increasing the paid membership, strengthening the resources and organizational framework, increasing the awareness and impact of the Alumni Association through well planned activities / approaches, involving more Alumni and Students (Prospective alumni) in the activities of the Association and creating a virtual Alumni Association through web based initiatives. Old students of Nizam College B.Sc. (1998 to 2001 batch) visited the College and donated Steel Chairs for the College Office. Alumni of the year 2002 have initiated a process to identify the toppers in various faculties to give them cash prizes.

32. Activities and support from the Parent-Teacher Association

Parents have the freedom to come and discuss issues concerning their wards. As most of our students come from districts, attending formal meetings may be difficult for them, considering the distance and expenses. However they are encouraged to meet the teachers and mentors whenever necessary though there is no constitution of a formal body as Parent Teacher Association. Some of the parents are members on administrative bodies such as Anti-Ragging Committee.

33. Health services

Nizam College has on its campus a Health Centre with One Medical Officer, an assistant to dispense medicines another to do dressing, an office assistant and a Kamati. This health centre provides health care to students, teaching and non teaching staff and their

dependents. Daily they examine about 50 -60 patients for different ailments. Care is provided for problems like Hypertension, Diabetics, Epilepsy, CAD etc. special care is given to students of NCC and Sports.

Instruments like Accucheck are available in the centre. Medicines are dispensed to the patients who bring prescriptions of their family doctors or specialists. On examination Medical Fitness Certificates are given to deserving candidates who wish to participate in co-curricular activities.

34. Performance in sports activities

Nizam College is known for its sports activities and the laurels sportsmen bring to this college. The sprawling grounds in the college campus have a boxing hall, cricket field with green turf, a basket ball court, hockey grounds and a gym. Students participate in various sports activities conducted by the college and also in the intervarsity competitions. The faculty of the sports department conducts classes in sports education and also participates in and organizes seminars to update themselves in the latest trends in sports and technology used in games and sports. One such seminar was conducted in 2007. Some of students who have brought laurels to the college in various sports events are:

- Mr. B. Babu B.A. III year (1) won a Gold Medal in Volley Ball at All India Thal Sainils Camp in Delhi held from 18-9-2009 to 29-9-2009, (2) won a Silver Medal in Southzone Shooting trials camp in Vellore, Namakkal District, Tamilnadu held from 4-6-2010 to 13-6-2010, (3) attended CATC (IGC – RDC DRILL) and SUPPORT CAMP FOR SPECIAL NIC held at Z P High School, Kakinada from 7-9-2010 to 16-9-2010. (4) participated in Inter Directorate shooting competition in Jalandhar from 19-10-2010 to 28-10-2010.
- During the year 2010 – 2011 the students of our college participated in the Inter-College, HCA league, Knock-out, and Eenadu tournaments in the Cricket, Athletics, Kabaddi, Kho-Kho, Volley Ball, Basket Ball, Foot Ball, Wrestling, Judo, Handball, etc.,
- The Nizam College team won the Inter-College Championship in Kho-Kho for the third time consecutively. The College Judo, Wrestling, Cricket team stood Second during the year 2010-2011.

- The College Cricketers won the Eenaadu tournament and also Inter-College Cricket tournament. The Kho-Kho team got II place in the Inter-College tournament held at Siddipet in October 2010.
- The College teams won Third Place in the Inter-College Matches in the games like Handball, Football, Basketball, Athletics, Basketball, Kabaddi.
- Nizam College students were selected for O.U. teams in the various sports & games categories. They participated in the various sports and games in the Inter-University Competitions. The following students of Nizam College represented Osmania University. Mr. S. Sandeep B.A. II Year, V. Shiva Prasad B.Com II Year, Praveen B.Com I Year, Mallesh M.A I Year & Shanker B.Sc. I Year in Athletics, Purushottam B.A III Year, Karthik Goud B.Sc. III Year in Boxing, Mr. Ravinder B.Sc. I Year in Volley Ball, Basha B.Com I Year Basket Ball, Pavan B.A.II Year Kabaddi, Santosh B.A. III Year in Korfbal, Salman B.A. III Year Wrestling, Venkat B.A. III Year Handball, Shobalata Bare Ball, Ramesh M.A. II Year Ball Badminton, Nishant Yadav B.A II Year & Sameer B.A. II Year in Cricket, and Lingaiah B.A. III Year Football
- Mr. Ajay Kumar Reddy, B.A 2nd Year (Visually Challenged) was selected in the “Visually Challenged Indian Cricket Team” and represented South Zone in India and England International Cricket Tournament series held in England in Aug. 2010.
- Mr. B. Babu B.A. III Year (1) was a member of the Osmania University Athletics team which participated in the All-India Inter-University Tournament held at University of Madras, Chennai from 27-12-2009 to 31-12-2009 in 400mts and Javelin throw. (2) All India University Athletics Championship in Guntur from 28-12-2010 to 3-1-2011 in 400mts Hurdles.
- Mr. A. Sreenu M.Sc. I Year was member of the Osmania University Netball (M) team, All India Inter-University Tournament held at Kurukshetra University from 5th to 9th March 2010.
- Shankar was declared as winner in 5k Run with the cash award of Rs. 10,000/- – An Awareness Campaign against Ragging held on 22nd Aug. 2010 at St.Mary’s College, Yousufguda, Hyderabad. B.Babu B.A. III year won Second Prize of Rs. 5000 as cash award.

35. Incentives to outstanding sportspersons

Sportspersons have a certain number of seats reserved for admission into post graduate courses. Awards are given to outstanding students on the sports day. Students participating in various games are provided nutrition. The Sports persons of Nizam College who brought laurels to the College were felicitated by the Principal by presenting Tracksuits, mementoes to the players.

36. Student achievements and awards

- Narender and R.D. Naik (B.A.) II Year participated in VASANTHASENA a Telugu play directed by Prof. Pradeep Kumar, Ex-Principal, Nizam College at Sri Tyagaraya Ganasabha, Hyderabad, on 4th Sep. 2010. This play was presented by Research Foundation for Devotional Literary Studies (Tulsi Bhavan), Osmania University.
- Mr. B. Babu B.A. III year (1) won a Gold Medal in Volley Ball at All India Thal Sainils Camp in Delhi held from 18-9-2009 to 29-9-2009, (2) won a Silver Medal in Southzone Shooting trials camp in Vellore, Namakkal District, Tamilnadu held from 4-6-2010 to 13-6-2010, (3) attended CATC (IGC – RDC DRILL) and SUPPORT CAMP FOR SPECIAL NIC held at Z P High School, Kakinada from 7-9-2010 to 16-9-2010. (4) participated in Inter Directorate shooting competition in Jalandhar from 19-10-2010 to 28-10-2010.
- Mr. Mujtaba Syed Quadri (BA- HSG Final Year) and Ms. B. Rochishma Narender (BA-PSP Final year) have been awarded cash prizes of Rs. 1000/- and Rs. 500/- respectively for their appreciable performance in series of class tests in Sociology during semester V.
- On 29th Dec. 2010, Govt. of India, Ministry of Science of Technology, Dept. of Science and Technology awarded “Innovation in Science Pursuit for Inspired Research (INSPIRE)” scholarship to Ms. G. Venkatakamakshi Supraja M.Sc. Chemistry III year Five Year Integrated Course. The scholarship amount is Rs.80,000/- per annum.
- Mr. J. Nagaraju, B.Sc. III year (1) has been selected for participation in the NSS Republic Parade Camp – 2011 held at Campaigning Ground, Jamia Milia Islamia,

New Delhi from 1st - 31st January 2011, (2) Central Zone Pre-Republic Day Parade Camp-2010 from 22nd - 31st October 2010 at Jawahar Navodaya School, Bhopal.

- Abdul Haseeb Arabzai (B.A Final), Navdeep (B.A. Final), G. Santosh (B.A.I Year), K. Srikanth (B.A. II Year) and G. Satya Krishna (B.A. II Year) were selected for Mock Parliament 2010 conducted by Joint Venture of Civil Society Organisation, Hyderabad.
- OYSTER a registered voluntary organization was established two years back by Pannala Navdeep (B.A. Final Year) in Collaboration with Nizam College. A Certificate Course in “Youth Community Orientation” was introduced for volunteers to educate the poor people living in slum areas in various fields like education, citizen rights, civil supplies, bad habits, cleanliness etc. The First batch of the course passed out in Feb.2010. A detailed report of the organisation was published by Eenadu Daily dated 2nd Sep.2010.
- Mr. Navdeep B.A. III Year has been selected for SPIC-MACAY 2011 scholarship scheme. As part of this he will get an opportunity to interact and work under the guidance of Anna Hazare, Social activist for a period of 30 days.
- Mr. Sripada Sundeep B.C.A III year is appointed as Associative Editor, for “Vision India” a monthly political magazine published on 10th Jan.2011.
- From 4th - 6th Feb. 2011, Six students 1) Ayesha (B.Sc.III Year) 2) Mamatha (B.Sc.III Year) 3) Bhim Rao, (B.Sc. III Year) 4) C. Suresh, (B.Sc. II Year) 5) B. Sreenu (B.Sc.II Year) 6) L Krishna Kumar, (B.Sc. II Year) attended a National Conference on Nanobiotechnology: Emerging Trends & Applications in Microbiology held at the Centre for Economic & Social Studies, Nizamia Observatory Campus, Ameerpet, Hyderabad, A.P.
- On 23rd Aug. 2011, Nizam College students participated in India’s first Nationwide Anti-Ragging Campaign ‘Bus Aur Nahin’ conducted by Muthoot Pappachan Group Foundation. On this occasion Dr. Akun Sabarwal, DCP, Central Zone addressed the gathering.
- Saida Dhanavath, Manchoju Amarender, Donkeshwaram Harahari, Anmolla Ravi, Siliveru Anjaneyulu were selected for “JAM” (Joint Admission Test for M.Sc.) 2010. They have taken admission in M.Sc. Chemistry, Physics and Mathematics in IITs.

- Mr. T.G Vijaykanth M.A. II Year (Theatre arts) entered into “Limca Book of Records” and “India Book of Records” for Blind fold scooter driving for 4085 km in 17 days from 1st Jan. to 17th Jan. 2009 covering all the 23 districts of Andhra Pradesh. The cause for the drive was for AIDS Awareness and Anti Terrorism organized by Rotary club of Secunderabad, Silver-Line.
- Karthik B.Sc. III Year, Sateesh B.Com II year, Solomon M.A. Theatre arts and Vijay Kanth (Theatre arts) participated in “Rotasia” at Goa.

37. Activities of the Guidance and Counseling unit

The College has Student Advisory Council with a faculty member heading it as a Student Advisor. The Student Advisory Council consists of some nominated student-members representing all the classes. The student-members are nominated on the basis of their merit in their respective classes.

The Student Advisor helps students starting from the initial problems at the time of their entry to the career planning in due course. The Advisory Council offers help to students on a variety of issues and practical problems related to academic, administrative, disciplinary, personal, social or emotional. All the members of the Council work under a code of confidentiality.

The counseling is either at individual or group level on issues such as stress management, confidence building, creative expression, and many more as required from time to time. The council also arranges for workshops, presentations and some interactive sessions to help the students with job hunting procedures and provide more information about the opportunities. The council works towards the maintenance of cordial and harmonious relationship between the staff and students in the college.

Lady Counselor: Woman-faculty members are entrusted with the counseling responsibility for girl students at any time during the college hours. At least one counselor faculty will be available in the office to guide the students through the problems, if any.

Psychological Testing and Counseling Centre: The Department of Psychology at Nizam College is the only department to offer psychological counseling even to boys. One time Grant offered by the University in 1991 enabled to start this Centre for Counseling. In 1997 it was reoriented as counseling and meditation centre. It is now, under the CPE

scheme and has been upgraded as “Psychological Testing and Counseling Centre” the Activities carried out so far by the Counseling Centre are:

- Seminar on ‘Self managing leadership for dealing with life’.
- Self Development and meditation programmes to students.
- Counseling for personal, interpersonal and career problems is a regular feature.
- Career guidance & Counseling through aptitude, interest and personality tests are conducted regularly.

Personality Development Programmes for college students and also for the differently abled are conducted regularly.

38. Placement services provided to students

The following students were selected in Campus Recruitment during the academic year 2010-11:

27th Aug.2010, LogonB2B Soft Solutions Pvt. Ltd, 15 students were selected. (2) 5th Oct. 2010, Cognizant, BPO, 3 students were selected. (3) 6th Oct, 2010, Cognizant, IT, 1 student got selected. (4) 29th Oct.2010, Google, results are awaited. (5) 9th Dec.2010, Genpact, 5 students were selected. (6) 16th Dec.2010, Wipro, 21 students were selected. (7) 8th April 2011, CSC, Off Campus 3 students were selected. (8) 10th and 11th Feb. 2011, IDBI, 47 students were selected. (9) Amazon, 4 students selected (10) ADP, 2 students were selected. (11) Cognizant IT, 1 student is selected, (12) 2 students from BCA were selected for CDAC – Internship Program and Deloitte, TCS, Tally, KMPG, Marvist Consulting, MOL-IPS, SIA Group are some of the Companies which visited the Nizam College Campus for Recruitment.

Dept of Chemistry

Name of the Student/Batch	Name of the Organization
V.Chandra Prakash (2007-08)	Albani Chemicals
J.Sandeep Kumar (2007-08)	Dr. Reddy Laboratories
V.Suresh (2007-08)	Sri Krishna Pharmaceuticals
G.Shiva Vikram (2007-08)	Asian Paints
Giribabu (2007-08)	Dr. Reddy Laboratories
G.Anil Kumar (2008-09)	Dr. Reddy Laboratories
A.Jagadeeshwar (2008-09)	Dr. Reddy Laboratories

V.Sridhar (2008-09)	Dr. Reddy Laboratories
M. Ashwini (2008-09)	Albani Chemicals
G. Suresh (2008-09)	Kekule Pharma Ltd.
B. Narsimlu (2008-09)	Corvine Chemicals and Pharmaceutical Ltd.
K .Vijay Kumar(2010-11)	Albani Chemicals
B. Manasa (2010-11)	Albani Chemicals
Sravanthi(2010-11)	Albani Chemicals
Kiran Kumar(2010-11)	Dr. Reddy Laboratories

39. Development programmes for non-teaching staff

As the staff are recruited and come under the university rules and regulations according to the university norms, Non-teaching staff are given 50% fee concession for doing PGDCA Course.

Non-teaching staff are trained at the Academic Staff College in the use of computers, academic and administrative and financial matters on regular basis.

Group medical insurance is provided on individual payment of premium.

Based on the approval given by EC University has implemented Revised Gratuity and Pay Scales.

University has promoted its administrative staff under various categories:

- Under administrative officers—Deputy/Assistant Registrars
- Under technical staff—Foremen, Instructor, Welder, Mechanic-II, Lab Attenders, Binders, Computer operators
- Under Class IV—Daffedar, Head Malis, Head Cooks, Head Watchmen, Head Kamatis

University has taken up the appointments on compassionate grounds for the dependents of deceased employees of the University. 95 appointments are made in three different phases.

They are also being given training to manage networking in the office. Courses in language and communication have been planned for the next academic year. A recreation room has been provided for them.

40. Good practices of the institution

Curricular design and development and curriculum update: constant review, revision and update, wherever necessary by the Boards of Studies of the respective departments enables effective quality measures. The college supports the publication of the new Quality teaching materials.

Academic flexibility: Semester system and unitized syllabus enables the learner flexibility and sustained interest and performance.

Feedback from stake holders: Mentor and mentee system in the college enables free, frank and fair feed back from the learner. The feedback from the alumni and students on the boards of Studies help the departments to take up quality review and revision.

During the Placement and recruitment drive the employers' needs and suggestions are taken into consideration for quality sustenance.

Academics:

- Keeping in view the turn of focus in the job market, Nizam College has introduced Career Oriented Courses.
- The teaching faculty has undergone training in the preparation of teaching materials in multimedia format.
- Steps have been taken to make the Library and the Study Centre more effective.
- Research advisory committee guides and encourages pure and applied research by way of projects and providing infrastructure for research programmes
- Seminars are organized by the departments on relevant topics. Students are encouraged to organize inter college/ university seminars.
- Co-Curricular activities are organized through various academic clubs.
- Science Club will plan to organize a science exhibition showcasing research activities.
- Debates discussions, play reading will continue to be organized through Literary Forum, talks and interactive sessions on environmental awareness will be organized through Green Club
- To encourage the students, academic awards will be instituted by some members of the faculty and the alumni.

- In the next few years, courses will be reoriented so as to incorporate credit system.

Administration:

- Regular meetings of the Principal with Heads of the Departments plan and present the almanac.
- BOS meetings in the respective departments review and revise the courses.
- Principal with the suggestions from the Heads of the departments constitutes various administrative and academic bodies.
- Governing body meetings were held on 5th Dec. 2009 and 1st April 2010
- Academic Council meetings were held on 10th August 2009 and 10th February 2010
- The college has organized training for administrative staff in the field of office administration, office software and management.
- For effective guidance of the students, interaction with the parents is strengthened through tripartite interaction.

Infrastructure:

- A new Block for Chemistry department with labs, classrooms and staffrooms was inaugurated.
- A new hostel for girl students has started functioning.
- A new hostel building for boys has also been constructed.

41. Linkages developed with National/ International, academic/research bodies

Dept. of Sociology:

APARD – Andhra Pradesh Academy of Rural Development

APSS – Andhra Pradesh Sociological Society

ISA – International Sociological Association

ISC – Indian Sociological Congress

NIRD – National Institute for Rural Development

CARPED – Centre for Action & Research for People’s Development

DHAN Foundation, PRIA, MV Foundation & CHATRI

CEMCA – Commonwealth Educational Media Centre for Asia

PG Law College, India Infrastructure Publishing, New Delhi

Dept of Microbiology: Dr. Chand Pasha is a life member of AMI and also the treasurer of the Hyderabad unit of AMI

Dept. of Geography: In collaboration of CIEFL now EFLU the dept. has organized a series of programmes under EDUSAT, from Nov. 2006 – March 2007

Dept. of Chemistry: Prof. Satyanarayana is a life member of Indian Science Congress

Prof. V. Uma is a life member of Indian Council of Chemistry.

The Department of Chemistry, Nizam College, has linkages with the following Chemical/ Pharma industries for the two month project work of students of PGDCA & QA –

- Atomic Mineral Division (AMD)
- Defence Metallurgical Research Laboratory (DMRL)
- Centre for Compositional Characterization of Materials (CCCM)
- National Geophysical Research Institute (NGRI)
- Andhra Pradesh Pollution Control Board (AP-PCB)
- Centre for Materials for Electronics Technology (CMET)
- Indian Institute of Chemical Technology (IICT)
- Central Forensic Science laboratory (CFSL)
- Hetero Drugs
- TherDose Pharma
- Lucid Laboratories
- Pharmasia Laboratories
- Vivo Biotech
- Dr. Reddy Laboratories

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

- The research committee has suggested and guided teachers to take up research projects. Senior teachers of all faculties guide research scholars. PG courses were

modified to follow CBCS pattern. Thus seminars presentations, interdisciplinary courses and add on programmes have become an integral part of all PG courses.

- Seminar and project work has been introduced in some UG programmes
- English department has conceived and designed teaching materials for General English course which includes life skills along with language and literature skills. The Literature course has been modified including features of film appreciation and project work.
- Hostel for girl students on the university campus has been inaugurated in the month of August 2011.
- A new Chemistry Block with G plus 2 in the college premises has also been inaugurated. It has labs, classrooms and staffrooms.
- Clean and green programme has been taken up by the department of Environmental Sciences. Sparrow conservation programme is also being taken up. In collaboration with NEERI water and soil testing has been taken up. Activities are being organized to make the stakeholders aware of the different kinds of pollution and steps to be taken to counter pollution.
- For better connectivity on the campus of 24 acres Fiber Optics has been installed.

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

In the special issue of India Today, June 2010 an exclusive collaborative survey carried on by India Today and Nielsen on India's best colleges, Nizam College ranked among top 50 colleges in India. At National Level it ranked 22nd in Science Category, 27th under the Arts Category. In the state wise ranking Nizam College ranked 1st in Arts and Science Category.

Nizam College has been chosen as one of the HELP LINE CENTRE-HLC by the APSICHE, for the second time. HLC enables the student to register for admission to various colleges online after the verification of certificates and the selection of the subject of the choice. Prof. Naidu Ashok was the Camp Officer and Prof. K. Madhukar was the Coordinator for this HLC. APSICHE conducts Common Entrance Test (CET) for admitting the students into various professional colleges of the AP state, every year and the seats are allotted into these colleges on the basis of the rank in entrance test.

Through this HLC, student seeking admission into various professional colleges, are registered after the verification of original certificates. Help Line centre verifies all the original certificates of the candidates and registers them online for exercising web options. After the registration process HLC also helps the students in entering their options/choices on the web. This year Nizam College HLC has enrolled the highest number of students among all HLCs in the state. This year the process was conducted successfully for Ed. CET (8000 students), ICET (5000 students), EAMCET (8000 students) and PGECET (3000 students) entrance examinations.

Section C:

Outcomes achieved by the end of the year (attach separate sheet if required).

The institution has clearly stated goals and objectives that are communicated to all stakeholders through prospectus, vision and mission document, and website. Goals and objectives give direction to the programmes designed and implemented by the college. Apart from the regular courses add on and skill oriented courses enabled the learner to broaden their perspective and improve their status of employability. Nizam College has a range of programmes that provides academic flexibility and is in the process of expanding CBCS to include the Undergraduate programmes. Feedback from academic peers, students, employers and other stakeholders are used while introducing, reviewing and redesigning of programmes at the departmental level through BOS at the college and university level through Academic Council and Departmental Conferences. The institution achieves academic excellence through regular review and revision of courses, encouraging research activities and organizing student and faculty seminars.

The institution has a transparent admission process following rules and stipulations lay-down by the University and the Government. The programmes of teaching and learning cater to individual differences amongst learners through remedial courses and the use of teaching learning aids. The teaching-learning processes are regularly guided and necessary infrastructure facilities such as labs, computers, LCDs and internet facilities are provided. Learners and teachers are able to use multi media, language labs and access information using internet facility.

The institution continuously monitors student progress through internal assessments, assignments and project work. The student evaluation processes are approved by the

respective boards of study and external examiners are drafted for evaluation processes. The institution being a constituent college of Osmania University UGC norms are used to evaluate the performance and progress of the faculty. Teachers have number of opportunities for continued academic growth and professional development. The institution encourages faculty to publish in refereed academic journals. Extensive research publications, extension activities and participation of the faculty and students in various seminars and workshops show research culture as a significant trait of Nizam College. The institution is responsive to community needs and conducts relevant extension programmes such as eco-balance, aids awareness, preservation of natural resources, short term academic programmes for homemakers and other professionals. Nizam College is spread over an area of 24 acres with well facilitated infrastructure by way of large well ventilated classrooms, state of the art labs and sprawling ground for sports and games. The institution has adequate physical facilities for the conduct of the educational programmes efficiently.

The infrastructure development is a continuous process keeping in view the need and the availability of resources. The institution has mechanisms for maintenance and optimal use of infrastructure. Add on courses and skill oriented courses are held in the evening after the regular college hours. Play grounds are used by other institutions also. The institution has library, computer facilities and other learning resources, like the study centre and Braille learning materials.

The institution provides clear information to students about admission, completion requirements for all programmes; the fee-structure and refund policies; financial aid and student support services through prospectus, website and periodic notifications. The institution has well-run support service systems for all its students such as well equipped Library, study centre, hostel facilities, labs, processing of government scholarship procedures, remedial courses, psychological testing and counseling, CALL programmes, short term add on courses and placement services. Student progression is monitored effectively through internal assessments interactive sessions. Student feedback is analysed to enhance quality of teaching and testing.

Being a constituent College of Osmania University the Principal of the College functions directly in accordance with the Registrar and the Vice Chancellor. The academic and administrative units of the institution are governed by the principles of participation and transparency as various committees are constituted to effectively carry out the policies of

the institution. Senior teachers who head the committees in consultation with the administrative heads plan and implement schemes. The institution practices welfare schemes such as scholarships for students, festival loan schemes for class IV employes, providing audio aids for visually impaired and uniforms for class IV and Lab assistants. Grievances are addressed through fair and fast means by the committees constituted for the purpose. The institution effectively mobilizes resources from various funding agencies to plan and execute development and research programmes. Teaching faculty takes up minor and major projects funded by various academic and scientific bodies. UGC and MHRD fund the institution, departments and faculty to develop infrastructure and carry out research. The finances of the institution are judiciously allocated and disbursed to departments and faculty after detailed plans are submitted, reviewed and approved by the committees concerned. Reports are submitted stating the utilization of the funds which are audited by authorised bodies that follow auditing procedures and follow up actions.

The institution displays sensitivity to changing educational, social and market demands discernible in their attempt to review and revise the existing courses and introducing new courses. The institution is geared to promote an ambience of creativity innovation and improving quality by giving teaching and learning a holistic character. Learners are exposed to Life skills along with sensitivity to social issues and personal responses. The inclusive practices in the form of gender sensitivity, environment friendly activities and support systems for the differently enabled are a regular feature of the institution.

Thus the college practices quality measures in both academic and administrative affairs.

Section D:

Plans of the HEI for the next year

- Plans have been drawn to introduce courses in the fields of Media and Technology, Retailing and Business Information System, Tourism and Hospitality, Translators Course in a few Foreign Languages.
- Organize seminars and workshops
- Encourage teachers to take up more research projects
- Courses/training for administrative staff
- Interface with schools and plus two colleges to reorient their courses and teaching methods as teaching/learning is a continuous progressive process and the impact of learning at the early stages is undoubtedly significant. Thus these institutions are repositories of raw talent which when guided properly can make higher education meaningful.
- CBCS system to be extended to undergraduate courses
- Involve students in co-curricular activities
- Plan for new recruitments for both academic and administrative positions
- A workshop to be organized on *Examination Reforms* with respect to the new methods of evaluation and modalities for organizing and conducting examinations
- Plans are being drawn to create tie- up programmes with MNCs and other corporate offices for their Placement - needs in both Technical and Non-Technical Areas.

*Name & Signature of the
Director/Coordinator,*

*Name & Signature of the
IQAC Chairperson, IQAC*