Annual Quality Assurance Report

2009-2010

UNIVERSITY OF HYDERABAD
HYDERABAD – 500 046

Name of the Institution: University of Hyderabad.

Year of Report: 2009-10
(as per the official format)
SECTION A

Plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year:

The report reflects the well-sustained, unprecedented pace of growth and development of the university during this year. The year also witnessed several international and national workshops, conferences and seminars where speakers from different parts of the world presented their findings.

The Study in India Programme (SIP) of the University aims at providing an opportunity for foreign students to experience and study not only the various aspects of Indian Society, History and Culture but also Sciences and Information Technology and in the process create an international environment on the University campus. The Programme emphasizes heritage, continuity and change in India. Under the SIP, a number of interdisciplinary courses were offered to participants from North American and European universities.

The University encourages entrepreneurship development by permitting our faculty members to become entrepreneurs and set up their own industries without losing their job at the University. The Technology Business Incubator (TBI) established at the University with support from the Department Science & Technology, Government of India, provides innovators to establish proof of principle to their ideas.

- Course work for the Ph.D. Students: It was decided to make the course work for all the Ph.D. students compulsory.
- Introduction of tutorial system particularly to the Integrated students
- The following are the number of students who have been placed in which students of first batch of Integrated students are involved.

  Economics   15
  Chemistry   07
  Mathematics   06
  Systems Biology   04

  Many students have opted for higher studies, research and are associated with projects within and outside the University.
- The feed back submitted by the students on their evaluation of the courses credited should be made accessible to the Director, IQAC.
- The University must have a document on Campus Policy.

1.   Activities reflecting the goals and objectives of the institution:
It was established by an Act of Parliament on 2nd October, 1974 as a Central University, fully funded by the University Grants Commission (UGC). It has 10 Schools of which 4 Schools are single discipline Schools and other are Multi Departmental Schools. In addition to the Schools and Departments, there are 8Stand alone Centres which are not allotted to any of the Schools. It has about 350 teachers, 4160 students and 1100 Non-teaching staff.

The University is offering Postgraduate and Research programmes in 131 disciplines including Medical Sciences, Engineering Sciences and Technology. The admission for all the courses are through an Entrance Examination conducted by the University in 25 centres in different parts of the country from Kashmir to Cochin. Except for few subjects, the written test is followed by an interview. At an average, the University will admit about 2000-2500 students in a year on implementation of the OBC reservations. For every programme in Humanities and Social Sciences, the ratio of competition will be 1 : 17. In Sciences the competition is about 1: 60-70. The intake is truly reflecting the national character by attracting students from different parts of the country. Though, about 60% students are from Andhra Pradesh, the remaining 40% is from all over the country. It is a unique character of this University that it could attract large number of candidates from the Union Territories and North Eastern States. A good number of Foreign Nationals are also admitted. Every year about 20-30 Foreign Nationals are admitted to different programmes. There are 74 Foreign Nationals on the rolls of the University. The University has started 5-year Integrated M.A./M.Sc. courses in 2006-07.

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

1. Ph.D. Science Technology & Society Studies
2. Ph.D. Materials Engineering
3. Ph.D. Indian Diaspora

3.   Innovations in curricular design and transaction
     The syllabus of various courses are revised. Most schools used ICT integrated teaching methods as well as new audio-visual methods for curricular transactions.

4.   Inter disciplinary programmes:
     With focus on inter-disciplinary research, introduction of relevant industry-oriented courses and establishing centres particularly in the areas of Human Rights, Ambedkar Studies, Gandhian Economic Thought, Study of Classical Language etc., the University of Hyderabad is poised to join the leading centres of excellence in Higher Education globally.

5.   Examination reforms implemented.
     Since we have been following the guidelines provided by the UGC in all respects very scrupulously, particularly in the case of Academic and Examination reforms in having semester system with continuous assessment scheme, introduction of semester registration system, credit system, conducting the examinations and declaration of the results on time, to have academic calendar which is also the same as proposed by the UGC for all the

Universities and also admitting the students, conducting the entrance exams all over the country are the main credentials to be claimed.

6.   Candidates qualified: NET/SLET/GATE
UGC/AICTE SCHOLARSHIPS FOR Gate qualified M.Tech Students:

7.   Initiative towards faculty development programme
Some of the faculty attended Orientation/Refresher courses as well as National/International Seminars conducted by various academic organizations.

8.   Total number of seminars/workshops conducted

46

9.   Research projects a) Ongoing; b) Completed

On-Going   No. of projects: 385
<u>Summary</u>
in Rupees

Research Projects	102,27,64,748
Consultancy Projects	90,20,200
Grand Total	103,17,84,948

Completed – Awaiting Final Technical Reports

10.   Patents generated
    1. Prof. Anand K Kondapi, Dept of Biotechnology   -   1 patent
    2. Prof. P. Reddanna, Dept of Animal Sciences   -   2 patents
    3. Prof. Manjula Sritharan, Dept of Animal Sciences -   1 patent
    4. Prof. R. Chandrasekhar, School of Chemistry   -   1 patent

11.   New collaborative research programmes - page 1

12.   Research grants received from various agencies - pages   2-9

13. Details of research scholars

New	Ongoing	Total
365	845	1210

14. **Citation index of faculty members and impact factor**

School of Chemistry:10.02

The citation index/impact factor in respect of other schools has not been reported. Some of the research papers published by few faculty members have good number of citations. Science faculty members normally publish their research papers in reputed international journals with high impact factor.

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

The faculty of the UoH have a high national and international profile and have been recipients of major national and international awards- the Shanti Swarup Bhatnagar prize of the CSIR, the Ramon Magasaysay Award, the J C Bose Fellowship of the DST, the Humboldt Prize, the TWAS Awards, the British Council, Commonwealth and Fulbright awards, and the Padma Awards of the Government of India. Several of our faculty also belong to major national and international Academies - the Indian National Science Academy (INSA), the Indian Academy of Sciences (IASc), the National Academy of Sciences of India (NASI), the Indian National Academy of Engineering (INAE), the Sahitya Akademi, the Academy of Sciences for the Developing World (TWAS).

16. **Internal resources generated**

5,43,63,029/-.Some of the Departments generated resources internally through consultancy services during the year under review.

17. **Details of departments getting assistance/recognition under SAP, COSIST   page 10 (ASSIST)/DST, FIST, and other programmes**

18. **Community services:**

The University under its outreach programme is making an attempt to build a literate environment around its campus. It launched a total literacy campaign for the non literates of 24 wards of Serilingampally Munincipality on October 2, 2003. Within 1 year it could turn 6% of non literates into literates.

19. **Teachers and officers newly recruited**

Professors: 7; Readers: 7 and Lecturers: 7

20. **Teaching – Non-teaching staff ratio - 1:2.5**

21. **Improvement in the library services   pages 11-13**

22. **New books/journals subscribed and their value Please refer to pages   pages 11-13**

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

The University introduced Teacher Evaluation Questionnaire and is using the same for the improvement of teaching and learning.

24.   Feedback from stakeholders

The format for obtaining the perception and suggestions of different (direct or internal) stakeholders concerned with an institution of higher education is given below:
1. Faculty's Feedback Form
2. Supporting Staff's Feedback Form
3. Students' Feedback Form
4. Students' Feedback Questionnaire
5. Alumini's Feedback Form
6. Parent's Feedback Form
7. Superannuated Teachers' Form

25.   Unit cost of education
2.00 lakh

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

Tamper proof degree certificate

This is the only University till today in the country which gives a tamper proof degree certificates to its graduates with an Embedded Micro Electronic Chip. The paper used for the printing of the certificate is tear proof and water proof.
The examination system has been fully computerized with the in-house developed software specially suiting to the requirements of the university programmes. The processing of results, DTP printing of Certificates/Degrees etc. are all done without delay.

The admission process including entrance examination, preparation of rank, selection, waiting list is fully computerized. Also, the conduct of examination and publication of results apart from routine administration are computerized.

Entrance results P.G. M.A./M.Sc./P.G. Diploma, M.Phil/M.Tech Ph.D. and Admission Results Main list – all courses Wait Lists all courses, are posted in the University wedsite.

27.   Increase in infrastructural facilities:

The Schools had the continued support of UGC for Centres of Advanced Studies and the support of DST under the FIST program.
The University utilizes plan grant for Developmental Activities i.e. for the purchase of equipment, construction of academic and other buildings such as Hostels, students Amenities and Library etc. Procurement of Books &Journals and Campus Development including Infrastructure Facilities.

28.   Technology upgradation

- Focus on pure technology upgrade
- Focus on risk mitigation and sustainability of the existing solution
- No changes to used standard functionality
- No changes to system modification

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

The Computer Centre was established in 1985, as a central facility to facilitate, foster and support the essential teaching and research goals of University of Hyderabad through the deployment and delivery of computing services to the University's faculty, students, officers and staff.

In 1992, Computer Centre through a link with NCST, Mumbai, started providing communication services like: E-Mail and Internet access. Various value based services were made accessible to users through Campus wide Thick/Thin Ethernet backbone network.

Computer Center currently provides a 24 x 7 service with 68 Mbps (1:1) internet leased line access for teaching and research needs of the university.

30.   Financial aid to students page 14

31.   Activities and support from the Alumni Association:

Dr. B.V. Sharma, Department of Anthropology, is looking after the work of the students alumni.

32.   Activities and support from the Parent-Teacher Association

Parent-Teacher Association is going to be established

33.   Health services   page 15

34.   Performance in sports activities   page 16

35.   Incentives to outstanding sportspersons:

With a view to encourage admission of candidates with an excellent record in Sports and Cultural activities, the University provides a weightage of upto two marks in the entrance examinations – two marks for distinctions achieved at national level and one mark for distinctions at the state level for admission to P.G. Courses and 5-year Integrated courses.

36.   Students' Achievements and Awards:

With a view to encouraging good performance in studies, the University has instituted several donor medals, SC/ST medals, The President of India Medal and University Medal for Physically Challenged Students.

37.   Activities of the Guidance and Counseling unit:

A student Counseling service by professionals is available in the university. In case of any student requiring parental guidance, his/her parents will be informed accordingly.

38.   Placement services provided to students   page 17

39.   Development programmes for non-teaching staff:

The university regularly conducts training programmes for non-teaching staff to upgrade their knowledge/expertise with the functioning of the official procedures including computer uses.

40.   Good practices of the institution:

The University develops new programmes through a participative interaction in various Boards of Studies and Academic Council. University has recently upgraded its classrooms by providing better furniture and computer aided lecture facilities. Ready accessibility of Faculty encourages students in learning process.

The university draws academic calendar every year and the same is being followed strictly. Students' Union election is being conducted peacefully by students themselves. The university has a mandatory grievance committee mechanism to deal with student grievance. The university holds convocation periodically.

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

Faculty visited several reputed institutes in India and abroad as Visiting Professors/Scientists. Further Faculty members were nominated for memberships of editorial boards of several reputed international journals.

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

This is being provided separately to NAAC

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

The University is committed to provide all round excellence along with social equity and is poised to meet further challenges in this direction.

SECTION C

Outcomes achieved by the end of the year

Considerable. But we are aiming at achieving greater heights.

SECTION D

Plans of the University for the next year

We are planning to upgrade the Department of Economics into the School of Economics.

We are confidant that with the reforms and innovations introduced at the University, we will certainly be among the top universities of the world in the years to come. I take this opportunity to thank all sections of the University fraternity – the faculty, students, the non-teaching staff, for their valuable contributions to the process of making this University an institution of academic excellence. We thank the NAAC, Bangalore for the opportunity to introspect and improve

Name & Signature of the   *Name & Signature of the*
Director/Coordinator, IQAC   *Chairperson, IQAC*

Details of annexure page nos. are available with IQAC office.

Annexure

Section B

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