

21 Apr 2008

To,

The Director
NAAC
PO Box No: 1075,
Nagarbhavi,
Bangalore - 560 072
Karnataka.

Subject.: AQAR For Academic Year 2007-08

Dear Sir,

This year has been very successful for Quality activity. We obtained three year accreditation from the National Board of Accreditation (NBA) for all the three branches we had applied for, Mechanical, Electronics and telecommunication and Computer Engineering.

Enclosed is our AQAR report for 2007-08.

AIT would appreciate any suggestion/comment/observation from you.



(Prof. R.B. Patil)
Principal

Copy to:

The Director, BCUD, University of Pune.

Hed (AS4B)

Part A

As NAAC substance activity for the year 2007-'08 we worked on the areas identified for quality improvement and bench marking in our last report '06-07(Part C). The progress achieved in each area is reported below:

1) Lab/Workshop equipment: devices / systems and instruments etc. to be kept in working condition through out the session.

Progress: We were able to keep more than 95% of above in working condition. All equipment/devices/systems were physically verified and checked before the start of each session. In case of some malfunction during a practical due to a sufficient number of kits/sets students could continue with the practical on another setup . Thus we ensured that all the experiments were conducted smoothly without any problems.

2) Library: To add 1500 books to Library holdings.

Progress: To date we have added 1,278 books during 07-08. Process for purchase of another two hundred books is expected to be completed by May'08.

3) Term Work Assessment : To continue the practice of progressive assessment for Lab/TW/Practicals etc.

Progress: All labs followed the practice of continuous assessment of term work.

4) Placements : All students scoring marks more than 55% and above to be placed.

Progress: 100% students with more than 55% marks are already placed. Some students scoring less than 50% marks have also been placed taking the total figure of students placed to 99% (230 out of 234).

5) To arrange at least 1 internal lecture/seminar/workshop and 2 external lecture / seminar / workshop per department per semester.

Progress: All departments arranged more than two guest lectures during the academic year.

6) Staff without P.G. qualifications but with minimum 1 years service with AIT to be encouraged to register for P.G.

Progress: Two faculty members from Mech. Engg., are pursuing their M.E. and one faculty has submitted his PhD thesis.

Two faculty members from E&Tc., are pursuing their M.E. and one faculty has registered for PhD.

Three faculty members from Comp. Engg., are pursuing their M.E..

Four faculty members from I.T. Engg., are pursuing their M.E..

7) One staff per dept per semester to attend summer and winter ISTE QIP Programmes.

Progress: One staff per dept attended one ISTE QIP Programme.

8) One industrial visit / per department / per year to be conducted.

Progress: More than one industrial visit was arranged by the E&Tc., Mech., Comp., and IT departments.

9) One value addition Training Programme to be arranged per department per year.

Progress: A five day STTP on "Component based systems" is proposed to be held between 16th to 20th June 2008.

10) One Non-teaching staff / dept / year to be motivated for continuing education.

Progress: Two non-teaching staff members completed their B.E. and one is pursuing her M.Sc. in Chemistry.

11) Each student chapter to arrange one program per year.

Progress: Each student chapter arranged more than one program in the academic year.

12) All faculty to have computers and internet connections.

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Progress: Each student chapter arranged more than one program in the academic year.

12) All faculty to have computers and internet connections.

Progress: Most staff rooms have been provided with internet connection and in addition one computer with internet connection in each laboratory has been reserved for faculty.

13) Admission : 100% admission on merit

Progress: All admissions were based purely on merit.

14) Accounts : settlement of examination accounts within two months after examinations.

Progress: Settlement of examination accounts was done within two months after examinations.

15) Hostels : To carry out upgradation of messing facility in boys hostel.

Progress: Mess upgradation was carried out in the mess of the Boy's hostel. New chairs were procured, wash areas were renovated and wall-dado replaced with glazed tiles.

16) Sports : Special coaching to be provided for basketball and to organize inter-departmental sports activities in these sports.

Progress: Inter-departmental sports were conducted during "Akriti -07". A new event "Gusto '08" was conducted on an inter-collegiate level during 28th to 30 March'08.

17) Organize and channelise student efforts through a staff committee. To plan and implement extra co-curricular activities (Sports, NSS, Cultural, Magazine, Spiritual) in time with the vision statement of AIT on annual basis.

Progress: A committee headed by one faculty members along with two or three staff members and two or three student representatives was formed for planning and implementing activities of the Sports, NSS, Cultural, Magazine, Spiritual clubs.

18) To conduct one Technical Festival per year.

Progress: Solutions-'08 an inter-collegiate Technical Festival was conducted from 28th to 30 March'08. About 1300 students from over 30 colleges in Pune participated in the Technical festival.

Part B

1. Sanction for increasing the intake of Computer engg. branch has from 60 to 120 been obtained from Management. It is planned to start a new division in Comp. Engg. from 2009-10. This is subject to approval from AICTE New Delhi.

Due difficulties in locating appropriate senior teaching faculty the proposal for PG Courses is presently kept on hold.

2. The activity of staff attending various seminar / workshops / conferences courses etc. continued in this year also. (The details of these are recorded in each departmental file). Many faculty members published papers in journals / and presented papers conferences.

3. Each dept arranged 2 lectures by external speakers on an average. (Details of these are kept in the dept files).

4. NSS conducted two Blood Donation Camps this year. Campus cleanliness drive was conducted in each semester. English tutorial classes were conducted in second semester by NSS members for interested first year students. NSS members also visited an orphanage where they interacted with the children and also donated money collected in the college for this purpose.

5. More than 85% of the books targeted for purchase by library were purchased. Subscription to the IEEE and ASME online journals was continued and both staff and students are benefiting from this.

6. Student Feedback was obtained and given to teaching faculty.

7. Students participated in several sports activities ranging from inter-departmental to interuniversity level.

8. Horizon scholarships were awarded to 15 students. Indian Express and Times of India scholarships were awarded to 24 students. AIT merit cum means scholarships were awarded to the wards of 62 OR's (Rs 4,000 per student) & 77 JCO's (Rs 2,000 per student).

9. Many students having their own PCs have been provided with internet access in Hostels. Reliance Internet facility was continued in hostels.

10. Second ISO audit was carried out in 06 Jan 2008 and no non-conformity was observed. An internal audit will be carried out after three months.

11. A team of experts had visited AIT from 09th Feb – 11th Feb 2007 for NBA accreditation inspection. All the three branches that had applied for accreditation, ie Mechanical, Electronics and telecommunication and Computer were accredited for three years by them.

12. Student chapters that were started in Mech Engg Dept, E&TC Dept and Comp Engg Dept in 2006-07. They were active in 07-08 with each student chapter organizing guest lectures/workshops/ industrial visits.

13. Entrepreneurship development cell arranged five guest lectures for entrepreneurship development during '07-08.

14. A number of industrial visits were arranged by
Mech Dept. arranged nine industrial visits;
E&TC Dept. arranged two industrial visits;
Comp. Dept. arranged one industrial visit; and
IT Dept. arranged one industrial visit.

15. Alumni meet was held on 29th Sept. 2007 and about 41 alumni attended the meet.

16. Some labs were renovated during the past academic year – Mechatronics and TMM/DOM lab in Mech Engg dept., upgradation of internet connection speed from 512kbps to 1mbps and Upgradation of central software lab. by Comp. Engg. Dept.

17. A new software lab. was setup for IT department.

18. Student participation in technical events : A large number of our students participated in intercollegiate technical events conducted by various colleges in Pune, IIT Mumbai etc. and won a number of prizes.

19. Student participation in cultural events : Our students participated in Verve '08 an intercollegiate cultural festival organised by Indian Express and stood first among 120 colleges. In Youthopia '08 an intercollegiate cultural festival organised by "Sakal" our students secured 2nd overall position.

Part C

The future plans for quality activity and bench marking for the year '08-09 are as follows:

1. To prepare the necessary infrastructure and other requirements in view of the proposed increase in Comp. Engg. branch by additional 60 students from the academic year '09-10.

2. Motivate students so as to increase the number of students scoring a first class in university examinations.

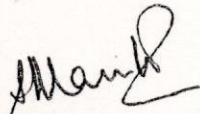
3. Maintain consistency of 100% students being placed.

4. Encourage staff members to publish and present more papers and attend more seminars.

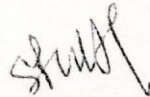
5. To conduct ISTE sponsored STP programs and workshops in each department.

6. To introduce new elective subjects for final year students.

7. Renovation of some more laboratories.



(Dr. S. Marathe)
Co-ordinator, IQAC



(Prof. R. B. Patil)
Principal