



Army Institute of Technology (AIT)

Dighi Hills, Pune - 15.

Director Tele Fax 27157534 Principal 27157741 Exch 27157612, 27157534

Recognised by AICTE and affiliated to University of Pune Id No. PU / PN / Engg / 108 / (1994)

ONWARD TO EXCELLENCE
AIT/1005/Adm/2006

15 Apr 2006

To,

The Director
NAAC
2/4, Abhimani Prakashan
Dr Rajkumar Road
PO Box No.1075, Rajaji Nagar
Bangalore - 560 010

Subject : AQAR for Academic Year 2005-06

Dear Sir,

Please find AQAR for the year 2005-06.

This year has been very successful for Quality activity as AIT obtained ISO 9001:2000 certification which was an achievement.

NBA accreditation activity was also started this year. We are pleased to inform you that NBA report has been sent to AICTE and on its way to AICTE.

Enclosed is our AQAR report for 2005-06.

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

S.R. Ghate

(Dr S R Ghate)
Principal

Copy to :-

The Director, BCUD, University of Pune

S/R A.W.O.
15/4/06

by
15/04

**Army Institute of Technology
Dighi Hills, Pune – 411 015**

IQAC, AQAR Report 2004-05 2005-06

Part A

As NAAC substance activity Four measures were taken up for quality improvement for the year 2005-2006 and the progress on each is as reported below.

1. 100% Practicals & Laboratory work to be 100% on continuous basis.

This objective has been achieved in all the Practical & Laboratory work in all subjects and at all levels of first to fourth year classes. Formats developed by faculty members are being used to maintain the records of these work at each Laboratory.

2. All equipment/devices/systems etc to be in 100% working/operational condition.

The experience shows that this objective is difficult to achieve in the present form as it is found that equipment/devices/systems fail abruptly/randomly and accidentally. It takes time to repair/service/scrap/replace the things immediately. Inspite of best efforts on this count 100% availability is not ensured. This may be possible only through sufficient redundancy/stand by i.e. solution which is highly cost intensive & not feasible. Therefore it is felt that this objective needs to be reformatted more practical/realistic basis.

3. 100% placement of students with marks above 55%.

Overall placements have improved substantially going upto 93%. However it has not been possible to ensure employment to students below 58%. For Girl students this has been possible but not for the boys and that too of specific branches. Efforts are on to get to the causes and remedies for this problem and some solution would be possible, not immediately but over a period of time.

4. Library to have books & journals as per AICTE guidelines/recommendations.

The desired number of books was required to reach 15,000. Efforts were made to acquire adequate number of books and to date the total number of books has reached the figure of 13,228. This means that the target has been fulfilled to the extend of more than 88%. With additional budget being made available. It is hoped that the target of 15000 Books would be achieved.

In addition, infrastructure of library was improved by purchasing improved version of library software (SLIM - 21) and additional racks, books and CD's etc.

Part B

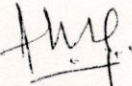
1. Due to certain physical constraints like availability of water, electricity and also difficulties in locating appropriate senior teaching faculty proposal for PG Courses is presently kept on hold.
2. The activity of staff attending various seminar/workshops/conferences/courses etc. continued in this year also. (The details of these are recorded in each departmental file).
3. On an average 2 lectures were arranged by the each depts. (Details of these are kept in the dept files).
4. NSS conducted a Blood Donation Camp this year also.
5. 88% of the target is achieved for the library books.
6. Student Feed back was obtained and given to teaching faculty. In order to revise the Format a fresh committee has been formed which will revise the format based on formats from other agencies and observations/comments & suggestions from the faculty.
7. Sports facilities and gymnasium were upgraded and repairs/maintenance were carried out wherever required.
8. Indian Express & Times of India scholarships were awarded to 26 students.
9. CAD/CAM lab has been upgraded and is now operational.
10. Many students having their own PCs have been provided with internet access in Hostels also.
11. In the meeting in July 05 it was decided to give top priority to ISO certification and all activities were focused on this. During 1st term of 2005-06 AIT obtained ISO 9001:2000 certificate.

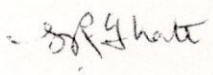
Part C

1. As has been indicated this norm of 100% availability is theoretically desirable, practically it is found to be very difficult to achieve, unless lot of redundancy is built in to, which is very costly and may not be feasible. It is felt that this norm may be suitably reviewed and revised.
2. Library books achievement is 88% and it is hoped that by next semester we could reach 100%.
3. Continuous assessment in Labs/Tw has been achieved in 100% in all Labs/TW. This would be maintained.

4. 100% placement has been achieved in case of girl students but for boys it is still not achieved and remains 100% placement above 58% marks corrective measures need to be identified through a committee.
5. All five departments put together, the total number of 2 lectures and 1 seminar have been arranged. (Details are in departmental files).
6. All staff without PG qualification and having more than 1 years service at AIT are completing their PG courses.
7. More than one Staff have attended the ISTE Summer and winter schools from each dept on an average.
8. Except ASGE Dept all other depts have arranged at least one industrial visit.
9. Depts have not been able to arrange any value addition programme internally but few staff from depts. have attended external training programmes.
10. Techno Economic feasibility for computerization of processes was partially done and certain information is already put on AIT web site & intranet.
11. Plans & budgets have been prepared for common staff room and exam control room.
12. Technical Festival "Solutions 2006" was successfully conducted for 3 days in the month of March 2006.
13. Students are encouraged to participate in professional activities and start societies but it has not been possible as yet to establish these.
14. Total Six committees have been formed to plan Co-and Extra curricular activities ie.
 - (i) Technical
 - (ii) Cultural
 - (iii) Sports
 - (iv) NSS
 - (v) Spiritual
 - (vi) Magazine
15. Now AIT is going ahead with NBA ccrediation process for its three depts. Namely (i) Mech (ii) Camp (iii) E &TC. It is expected that the Institute would be assessed any time around Oct 06. Preparations are under way for the same.

16. As part of ISO Certification six monthly Audit would take place.
17. For the first time Inspection from the AWES (Army Welfare Education Society which runs AIT) to check the systems took place in April 2006.
18. Quality sustenance activities would continue as and when these are scheduled.


(AM Ghatpande)
Coordinator, IQAC
15/4/16
O/C.


(Dr SR Ghate)
Principal