

CHAPTER 4: SUMMARY OF RECOMMENDATIONS (JULY 2015 - JUNE 2016)

1. More attention needs to be given on Project Based Learning and inter-activeness components.
2. Some of the courses like Physics -I, Physics -II, Material Science, Genetics and Development Biology, Digital Signal Processing, Electrical Science II, Analog Electronics, SDF-I, SDF-II, Data Structures, Data Bases and Social Media Security, Microprocessor and Controller, Object Oriented Systems and Programming are lengthy and diverse. The contents may be re-examined.
3. The sequencing of Digital Signal Processing course with respect to Analog Electronics and Control System courses may be re-examined.
4. List of experiments in Physics Lab 1, Digital Systems Lab and Analog Electronics Lab may be reviewed.
5. Better experimental and software facilities along with latest MATLAB is required in labs.
6. Attempts may be made to take more research scholars to further improve ratio of research scholars to faculty eligible for supervision as well as ratio of international journal publication to faculty with Ph.D.
7. All departmental must make efforts to propose more externally funded projects.
8. The technical subjects important for exams like GATE, IES, PSUs etc. may be identified and these may be completed before 4th year, so that students are prepared for entrance exams.
9. Departments must organize FDPs, Workshops, National/International Conferences as given below-
 - a. CSE and ECE departments must organize at least 2 FDPs and 2 Workshops every year. Other departments must organize at least 1 FDP and 1 workshop each year.
 - b. Each department must organize at least 1 National / International conference each year.

10. More social activities may be undertaken like-
 - c. Adapt nearby school to promote need for education and science/ computer teaching.
 - d. Cloths and other material collection and distribution, to poor and needy.
 - e. School children may be invited to watch events like Robotics to encourage education.
11. The activities of Entrepreneurship Centre may be regularly audited for improvement.
12. The faculty who has been able to :
 - f. Get externally funded projects.
 - g. File patent.
 - h. Successfully coordinate major event like International conference may be suitable rewarded.
13. The student feedback collection at the end semester may be made online.
14. Auditing of non academic departments (Finance, Registry, Administration, Training & Placement, Student Care & Welfare etc.) may also be done.
15. IQAC recommendations related to departments must be implemented/pursued/processed by the respective HODs. They may approach necessary authorities for guidance/help if necessary.