

# Yearly Plan for IQAC 2010-2011

## School of Computer Science & IT

### **1. Preparation of course curriculum:**

Faculty members would draft course specification to elaborate each of its points for better teaching learning. On the basis of previous feedback, it is necessary to design the curriculum in a detailed manner so that students could have clear understanding of the course. It should be designed in a manner to cover: aim, objectives, subject learning objectives, subject learning outcomes, prerequisites, weekly teaching schedule, details of assignments etc. The faculty members will have to submit the course specification by June 25, 2010 and December 15, 2010. The submitted course specification will be reviewed by three experts. Experts will advise modifications if needed to ensure the quality of specifications. After necessary modifications the specification will be finalized by the course curriculum committee.

### **2. Strategy of teaching learning:**

Theory lectures should be highly interactive. Teaching learning is a two way communication and active participation of students is expected. Tutorials would be used to help poor and weak students. It was found that the blackboard teaching has been more effective at undergraduate level. School believes that project based teaching learning will improve the level of Computer Science and IT education. The classes will be monitored continuously and students will be evaluated continuously to meet the expectations of Industry.

### **3. Student feedback system design:**

The computerized feedback system should be more innovative to cover theory as well as labs. The feedback mechanism should be web-based for easy access and process. The web based feedback system will reduce time spent on form filling. Student feedback form covers: teaching learning quality of teachers, quality of course curriculum & evaluation, strength & weaknesses of teacher, suggestions regarding course, subject, faculty etc. we will also think on issues specified in a three section student feedback form.

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### **4. Collection of feedback and its analysis:**

Online feedback mechanism is found to be more effective than the manual one. Comments on curriculum design, teaching learning, evaluation and suggestions for improvements will be collected from the students. Feedback collection and process will be done at the end of the semester

and it will be analyzed by the assessment committee. Finally, there will be assessment workshops on 26, 2011 and December 26, 2011.

#### **5. Format of analysis:**

The feedback will be analyzed by the assessment & research committee, and a detailed report will be submitted. The performance will be shown in the form of bar chart and suggestions and comments would be descriptive. The result will be uploaded on the website and suggestions will be discussed in the assessment workshop. A report of the workshop will also be prepared and uploaded on the SCS website.

#### **6. Improvement plan:**

Overall improvement in the course curriculum and teaching learning can be effected if the feedback is obtained from all stakeholders such as Parents, Students, Office, Teachers, Alumni, and Employees etc.

#### **7. Improvement in general infrastructure and resources:**

It is proposed to add about 80-100 PCs and provide internet connectivity in five laboratories. An exclusive M.Tech laboratory will be developed where M.Tech students can pursue research ideas. An international conference focusing on IT and Management in collaboration with international bodies shall be hosted. The process of admission will be made fully based upon ICT. Library infrastructure will be improved identifying separate zones for student's peaceful sitting. A language laboratory and e-learning will also be developed. A learning management system for content system management will be promoted. Few workshops and seminars will be held to give platform to students to discuss research ideas. Competitions like best programmer, best web designer, best mathematician and best student research paper etc. will be organized.

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