Guru Nanak Dev Engineering College, Ludhiana

Department of Information Technology

No.IT/100/9680   Dated: 18/03/2014

MINUTES OF MEETING

Minutes of meeting of First Board of Studies held on 18-03-2014 at 10 AM in committee room.

The following persons were present:

1. Er. Akshay Girdhar (Chairman)
2. Dr. K.S.Mann
3. Dr. Manpreet Singh
4. Dr. Kiran Jyoti
5. Dr. Savita Gupta
6. Dr. Amardeep Singh
7. Dr. Krishan Saluja
8. Er. Nitish Mahajan

The meeting started with welcome note & already circulated agenda was set in notion. Following decisions were taken unanimously:-

Proceedings

Item 1: *Apprising the Board of Studies about adopted Outcome Based Education (OBE) Model and discussion on attainment of Program Educational Objectives (PEO) through Program outcomes and in turn through courses.*

Following inputs were provided by BOS Members for the attainment of PEOS:

a). Quantitative Skills, Analytical Skills Language Skills which will enhance placements be part of curriculum.

b). Students must be given "Design" related assignments in groups.

c). Minor Projects be added in 4th semester and 6th semester.

d). Regular Entrepreneurship skills development workshop should be organized for students.

e). Engineering Entrepreneurship may be introduced as a part of curriculum.

f). Some Subjects like Theory of Computation, Compiler Design, Design and Analysis Algorithm which are a part of GATE exams (presently not part of IT curriculum) should be included as compulsory subjects in curriculum.

g). More industry based subjects be added in curriculum.

h). Sessional Review Committee's must be formulated for checking quality of question papers and evaluation

i). Subjectwise/Module records of students should be prepared so that same can be passed to industry.

j). Attainment of every student in terms of POs should be done.

Item 2: *To discuss and finalize the Curriculum Design Process*

Approved

Item 3: *To vet the PTU syllabus of B.Tech. (IT) as adopted by Guru Nanak Dev Engineering College.*

Approved 2007, 2011 and 2012 existing Study Schemes

Item 4: *Revision in syllabus of Upcoming Batches*

Sub-Item 4.1: *Revision in syllabus of Fundamentals of Computer Programming and Information Technology (BTCS-101) along-with contact hours per week and Fundamentals of Computer Programming and Information Technology Laboratory (BTCS-102)*

Committee is of the view that following additional practical in BTCS-102 should be there:

"To understand and use internal and external DOS commands."

Resolved to authorize Chairman BOS to add/delete text books for the revised syllabus of the stated subject.

Rest other changes are approved as proposed.

Changes to be implemented for students of Admission Year 2014.

Sub-Item 4.2: *Enhancing Industry-Institute Interaction through involvement of department faculty in 6 Months Industrial Training*

A sub-committee comprising of Er. Nitish Mahajan, Dr. Kulwinder Singh Mann and Er. Anshu Aneja be formulated for further discussion in next meeting.

Other suggestions by BOS are:

a). 6 months Industrial Training should be optional and only in 8th semester. If certain students are not going for training, they must study 4 theory subjects and one minor project in Institute, credits of subjects and industrial training should be same.

b). Online courses may be implemented.

Item 5: *Question Paper Setting*

All the question papers of end semester examination should be set by subject expert/course coordinator but the question papers should be checked (Format and standard/quality) by a committee consisting of 03 members (01 external + HOD + 01 internal faculty). The curricula should be divided into 08 to 09 broad areas and the committee members should be selected accordingly.

BOS proposes a panel of examiners for end semester examination including internal and external examiners which can be used till the policy related to setting of papers from internal examiners is passed by Academic Council. Further resolved to authorize Chairman BOS to add/delete any other examiner based on need.

Item 6: *To consider Industry Academia Collaboration initiated by Infosys*

Resolved to add following subjects as Compulsory/Elective in the new Curriculum:

a). Agile Software Development
b). Mobile Application Development
c). Business Intelligence and its Applications
d). Building Enterprise Applications

Item 7: *Curriculum*

Sub-Item 7.1: *Broad Classification of Curriculum*

Chairman BOS apprised the members that broad classification model may be modified to a certain extent by Academic Council inorder to bring uniformity in various Programs of B.Tech.

Committee approved the proposed model and authorizes Chairman BOS for further changes if any are required.

Sub-Item 7.2: *Program Specific Criteria*

Agreed as proposed.

Item 8: *Any other item with permission of the Chair.*

Process to introduce more industry based subjects must also be initiated.

Courses like Information Storage and Management, Cloud Infrastructure and Services under EMC Academic Alliance Program will be considered in the new curriculum. Other courses to be designed can be "Corporate IT Management". Er. Nitish Mahajan offered to provide course content for "Corporate IT Management" in the next meeting.

The meeting ended with vote of thanks.

HOD (IT) cum Chairman
Board of Studies

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