Charotar University of Science & Technology
Chandubhai S. Patel Institute of Technology
V. T. Patel Department of EC Engineering

Year 2015-16

Analysis and Action Taken on Feedback on Curriculum by Stake Holders

Suggestions Given:

1) Up gradation of Syllabus
2) More Emphasize on Project work

Action Taken:

1) It has been approved in 12th BoS meeting that Contents of Courses are revised as per industrial requirements.(Annexure-I)

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Year 2016-17

Analysis on Feedback on Curriculum by Present Students

Suggestion Given:

1) Use of Linux OS is mandatory.
2) Switch to Linux Architecture is the first requirement of Industries.

Action Taken:

1) It has been approved in 13th BoS meeting that Embedded Linux Course is introduced in 6th Semester (3rd Year) of B.Tech EC.

Analysis on Feedback on Curriculum by Alumni

Suggestion Given:

1) Introduction to Verilog – HDL must be in syllabus.

Action Taken:

1) It has been approved in 13th BoS meeting that VLSI Technology & Design (EC342) is shifted from 6th Semester to 5th Semester (3rd Year) of B.Tech EC.

Analysis on Feedback on Curriculum by Employer

Suggestion Given:

1) Fundamentals should be emphasis.

Action Taken:

1) It has been approved in 13th BoS meeting that Digital System Design course is introduced in 5th Semester of B.Tech EC (3rd Year).

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Analysis on Feedback on Curriculum by Teacher

Suggestion Given:

1) 8051 Microcontroller should be replaced with AVR Microcontroller.

Action Taken:

2) It has been approved in 13th BoS meeting that Course contents of EC344 Microcontroller & Application is replaced by AVR Microcontroller.

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Year 2017-18

Analysis on Feedback on Curriculum by Present Students

Suggestion Given:

1) Practical Aspects should be added more than theoretical concept.
2) It should more focus on Practical aspects in some courses.

Action Taken:

1) It has been approved in 14th BoS meeting that Course content of EC441 Data Communication & Networking are modified with more practical concepts.
2) It has been approved in 14th BoS meeting that Course content of EC443 Wireless Communication are modified with more practical concepts.

Analysis on Feedback on Curriculum by Alumni

Suggestion Given:

1) Syllabus should be upgrade in form of more projects.

Action Taken:

1) It has been approved in 14th BoS meeting that EC446 Summer Internship – II course is introduce in 7th Semester. In this course students need to pursue good project given by the industry during summer break of 6th Semester.

Analysis on Feedback on Curriculum by Employer

Suggestion Given:

1) Focus on one Technology related project rather than 3-4 various technological aspects projects.

Action Taken:

1) It has been approved in 14th BoS meeting that EC445 Group Project – III course is introduce in 7th Semester. In this course students need to pursue good project in a team.

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Analysis on Feedback on Curriculum by Teacher

Suggestion Given:

1) Microwave vacuum device should be removed from the chapter and RF circuit should be included.

Action Taken:

3) It has been approved in 14th BoS meeting that Course contents of EC442 Microwave Engineering are modified.



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Year 2018-19

Analysis on Feedback on Curriculum by Present Students

Suggestion Given:

1) Chapter based on Neural Network should be in the syllabus.
2) Industry demand subject should be in depth.

Action Taken:

1) It has been approved in 15th BoS meeting that new Elective Course as Programme Elective – II (Deep Learning) is introduced in 6th Semester of B.Tech EC.
2) It has been approved in 15th BoS meeting that MOOC course on Hardware Modeling using Verilog is introduced in 4th Semester of B.Tech EC.

Analysis on Feedback on Curriculum by Alumni

Suggestion Given:

1) IoT application in Robotics should be added in curriculum.

Action Taken:

1) It has been approved in 15th BoS meeting that MOOC course on Robotics is introduced in 4th Semester of B.Tech EC.

Analysis on Feedback on Curriculum by Employer

Suggestion Given:

1) VLSI Back End Design practical and Lab sessions should be in course.

Action Taken:

1) It has been approved in 15th BoS meeting that new Elective Course as Programme Elective – III (Analog VLSI Design) is introduced in 7th Semester of B.Tech EC.

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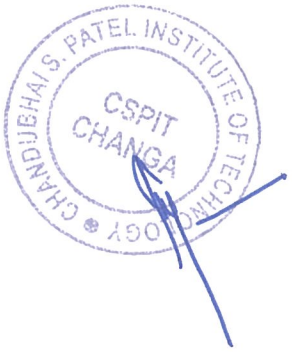
Analysis on Feedback on Curriculum by Teacher

Suggestion Given:

1) Advanced Embedded Protocols for Intelligent system should be in syllabus.

Action Taken:

1) It has been approved in 15th BoS meeting that MOOC course on Artificial Intelligence is introduced in 4th Semester of B.Tech EC.



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Year 2019-20

Analysis on Feedback on Curriculum by Present Students

Suggestion Given:

1) Scripting languages should be in syllabus

Action Taken:

1) It has been approved in 16th BoS meeting that Python and Pearl scripting language can be offered in 4th semester in the software modeling course.

Analysis on Feedback on Curriculum by Alumni

Suggestion Given:

1) Include full custom and semicustom architecture in syllabus.

Action Taken:

1) It has been approved in 16th BoS meeting that Software modeling course is modified with add-on contents.

Analysis on Feedback on Curriculum by Employer

Suggestion Given:

1) Python Programming should be in curriculum.

Action Taken:

1) It has been approved in 16th BoS meeting that Python and Pearl scripting language can be offered in 4th semester in the software modeling course.

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Analysis on Feedback on Curriculum by Teacher

Suggestion Given:

1) More focus should be given on Verilog.

Action Taken:

1) It has been approved in 16th BoS meeting that MOOC course on Hardware Modelling using Verilog is introduced in 4th Semester of B.Tech EC.

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