

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. (Annexure-I)

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. (Annexure-I)

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. (Annexure-I)

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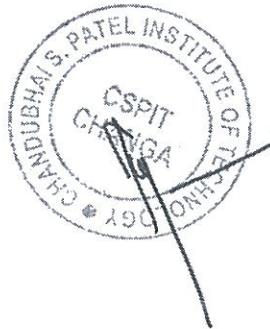
Analysis on Feedback on Curriculum by Teacher

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. (Annexure-I)



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Annexure-I

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY FACULTY OF TECHNOLOGY & ENGINEERING

V.T. Patel Department of Electronics and Communication Engineering

Minutes – 16th Meeting of Board of Studies

Date	:	July 04, 2020, Saturday
Time	:	10:00 am
Venue	:	Online Via Google Meet

The meeting of the 16th Board of Studies, Department of Electronics and communication Engineering, Faculty of Technology, Charotar University of Science and Technology (CHARUSAT) was held online as per schedule.

Following members were present:

1.	Dr. Trushit Upadhyaya	Chairman	Associate Professor & HoD, Department of E&C Engineering, CSPIT
2.	Dr. Falguni Raval	Member	Assistant Professor, Department of E&C Engineering, CSPIT
3.	Dr. Arpita Patel	Member	Assistant Professor, Department of E&C Engineering, CSPIT
4.	Prof. Brijesh Shah	Member	Assistant Professor, Department of E&C Engineering, CSPIT
5.	Dr. Upesh Patel	Member	Assistant Professor, Department of E&C Engineering, CSPIT
6.	Dr. Sanjeev Gupta	Member	Professor, DAIICT, Gandhinagar
7.	Dr. Amit Bhatt	Member	Professor, DAIICT, Gandhinagar
8.	Mr. Nilesh Ranpura	Member	Delivery Manager, e-infochips, Ahmedabad
9.	Mr. Jignesh Patel	Member	Founder, Energy System Engineering, Baroda
10.	Dr. Jitendra Chaudhari	Invitee	Associate Professor, Department of E&C Engineering, CSPIT
11.	Dr. Amit Patel	Invitee	Assistant Professor, Department of E&C Engineering, CSPIT
12.	Dr. Killol Pandya	Invitee	Assistant Professor, Department of E&C Engineering, CSPIT

13.	Dr. Jignesh Patoliya	Invitee	Assistant Professor, Department of E&C Engineering, CSPIT
14.	Dr. Arpan Desai	Invitee	Assistant Professor, Department of E&C Engineering, CSPIT
15.	Mr. Yogesh Tiwari	Invitee	Assistant Professor, Department of E&C Engineering, CSPIT

Following member could not remain present due to preoccupation.

1	Dr. Niranjan Devashrayee	Member	Professor, Nirma University, Ahmedabad
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Agenda Proceedings & Resolutions:-

Item 16.01: For Discussion: To discuss and approve the teaching scheme and detailed syllabus of second and third year for B.Tech (UG Programme) under CBCS scheme and detailed discussion on following items:

1. Software Modeling course
2. MOOC Courses and its evaluation mechanism

Proceedings 16.01:

- Board of Studies members reviewed and discussed teaching scheme and detailed syllabus of all the semester of B.Tech under Choice Based Credit System (CBCS).
- Python and Pearl scripting language can be offered in 4th semester in the software modeling course.
- Following MOOC courses shall be introduced in 4th semester:

Semester	Course Name
4	1. Hardware modelling using Verilog
	2. Fundamentals of Artificial Intelligence
	3. Fundamentals of Robotics
	4. Project Management
	5. Ethics in Engineering Practice

Resolution 16.01:

- The Board approved the teaching scheme and syllabi of Final Year B. Tech program under Choice Based Credit System (CBCS), effective from the academic

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year 2020-21, MOOC courses and final year syllabus along with the teaching scheme. The teaching and examination scheme along with syllabus is attached as a Part-I of Annexure I.

Item 16.02: For Discussion: Review and approve the 4th year courses of B.Tech CBCS for the batch 2018-19. Physics course in first year of UG Programme.

Proceedings 16.02 :

- Board of Studies members reviewed and discussed teaching scheme and detailed syllabus of final year of B.Tech under Choice Based Credit System (CBCS).

Resolution - 16.02:

- Board members have approved and gave their suggestion in few courses of final year. The approved detailed syllabus is attached as an Annexure II.

Item 16.03: For Discussion: Review and approve the updated Teaching and Examination schemes of B.Tech (CBCS) courses and detailed syllabus of 1st year applicable for 2020-21.

Proceedings 16.03 :

BoS members discussed detailed teaching and examination scheme of B Tech (CBCS) courses and detailed syllabus of 1st year applicable for 2020-21.

Resolution - 16. 03:

- Board members in-principle have approved teaching and examination scheme for first year.

Resolution - 16. 03:

- Board members have in-principle approved detailed syllabus.
- Detailed syllabus of newly added elective course is attached as an Annexure III.

Item 16.04: For Discussion: Review of physics course in 1st and 2nd semester of B.Tech.

Proceedings & Resolutions 16.04:

- Board of Studies members reviewed and discussed teaching scheme and detailed syllabus of Physics courses for 1st and 2nd semester of B.Tech under Choice Based

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Credit System (CBCS). Detailed syllabi of physics for both the semesters is attached as an Annexure III.

Item 16.05: For discussion: Approval of Online M.Tech courses

Proceedings & Resolutions 16.05:

- Board of Studies members reviewed and discussed teaching scheme and detailed syllabus of online M.Tech courses under Choice Based Credit System (CBCS). Detailed teaching and examination scheme for online M.Tech course is attached as an Annexure IV.

Item 16.06: For Discussion; Review of University Result Analysis and steps for the remedial actions.

- **Proceedings 16.06:** University examination results of previous academic year were discussed with BoS members. Year-on-year comparison of last three academic years' results comparison was carried out. Total number of students having distinction, first class and second class was presented to board members.
- Action plan and on-going activities of department were also discussed for the improvement of the overall result.

Resolution 16.06:

- BoS member found results quite satisfactory for Third and Fourth Year B.Tech. It was noticed by BoS members that improvement in results for the First and Second Year B.Tech is required, especially for mathematics courses.
- Year on year Result Analysis and remedial actions' document are attached as an Annexure V.

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Item 16.07: To discuss about Training and Placements Records

Proceedings 16.07:

- BoS members discussed about Placement records.

Resolution 16.07:

- Board members were satisfied with the efforts of departmental T&P Committee.
It was suggested to approach industries on regular interval and maintain healthy relationship with them.
- The details are attached as an **Annexure VI**.

Item 16.08 For Discussion: To review the course outcome and Programme outcome mapping in a view of NBA preparation.

Proceedings 16.08:

- Mapping of CO-PO for each course has prepared and attainment for first and second unit test and final external examination has done.

Resolution 16.08:

- Board members reviewed and appreciated the exercise done by all staff members for the attainment and mapping of course outcomes for each courses. Final sheet is attached as **Annexure VII**.

Item 16.09: Ph. D. synopsis Approval of Research Scholars

Proceedings 16.09:

- Synopsis of PhD research scholars were presented in front of Board members.
- BoS members discussed about the articles published by the research scholars in SJR journals and conferences.

Resolution 16.09:

- Board members appreciated that department promotes research publications in SJR & JCR indexed journals.
- Details of research scholars' publications are attached as an **Annexure VIII**.

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Item 16.10: For Discussion: Planning of online courses conduction for UG and PG Programme.

Proceedings & Resolutions 16.10:

- A detailed course wise methodology and evaluation criterion has been prepared for each courses of UG and PG programme. Presentation on online execution and course wise methodology is attached as an Annexure IX.

Item 16.11: For Discussion: Introduction of new University Elective course.

Proceedings 16.11:

- BoS members discussed detailed syllabus of University Elective course.

Resolution 16.11:


- Board members in principle have approved detailed syllabus.
- Detailed syllabus of newly added elective course is attached as an Annexure X.

Item 16.12: For Discussion: Enhancing Research activity and research plan.

Proceedings & Resolution 16.12:

- Dr. Jitendra Chaudhari explained the details of all research project carried out at CSRTC, CHARUSAT. Board members appreciated the efforts by the department in research projects.

The meeting ended with a vote of thanks.


Dr. Trushit Upadhyaya
Chairman, BoS, EC Department,
FTE, CHARUSAT

Date: 04/07/2020

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