

Charotar University of Science & Technology
C.S. Patel Institute of Technology
Department of Mechanical Engineering

Academic Year: 2015-16

Date: 28/06/2016

Feedback Analysis Report of Stakeholders on Curriculum

Feedback of Students:

1. More electives should be offered.
2. Lab hours should be increased.
3. More industrial visits should be arranged.

Feedback of Employers:

1. Advanced welding techniques should be included in UG curriculum.
2. Composite materials should be the part of syllabus for UG students.
3. Topic based on Water recycling should be taught to students.

Feedback of Teachers:

1. Product Design Course should be introduced.
2. Include synthesis & Mechanism in Mechanisms & Machines.
3. Include Friction topic in Dynamics of Machines.



Dr. Vijay Chaudhary,
Associate Professor & Head, MED, CSPIT



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CHARUSAT CAMPUS, CHANGA

**Charotar University of Science & Technology
C.S. Patel Institute of Technology
Department of Mechanical Engineering**

Year: 2015-16

Action taken report on feedback of Stakeholders on Curriculum

1. Advanced welding techniques is included in Manufacturing Processes-I offered in B.Tech programme. (Annexure I)
2. Friction topic is included in Dynamics of Machines offered in B.Tech programme. (Annexure I)
3. Composite Material topic is included in Material Engineering & Technology offered in B.Tech programme. (Annexure I)
4. "Composite Materials" is offered in seconder semester of M.Tech (AMT) as a programme elective. (Annexure I)
5. More Industrial visits are scheduled for B.Tech and M.Tech programmes. (Annexure II)
6. Wettability experiment is introduced in Fluid mechanics course.



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Annexure I

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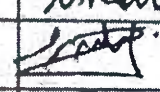



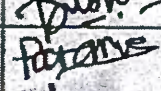

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
CHARUSAT CAMPUS, CHANGA

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (CHARUSAT)
FACULTY OF TECHNOLOGY & ENGINEERING
Department of Mechanical Engineering

3rd September, 2016

The meeting of the Board of Studies, Mechanical Engineering, Faculty of Technology and Engineering, Charotar University of Science and Technology (CHARUSAT) was held at September 3, 2016.

Following members were present:

Sr. No	Members		Signature
1.	Dr. A A Shaikh	Professor, Mechanical Engineering Department, SVNIT-Surat	-
2.	Dr. A. R. Srinivas	Head Mechanical CAD centre, Space application centre, ISRO, Ahmedabad	
3.	Mr. Hiten Patel	Director, NLGEM Engineering Services	
4.	Vijay Chaudhary	Head, Department of Mechanical Engineering, CSPIT	
5.	Dr. Mayur Sutaria	Associate Professor, Department of Mechanical Engineering, CSPIT	
6.	Dattatraya Subhedar	Assistant Professor, Department of Mechanical Engineering, CSPIT	
7.	Gajanan Patange	Assistant Professor, Department of Mechanical Engineering, CSPIT	
8.	Kamlesh Chauhan	Assistant Professor, Department of Mechanical Engineering, CSPIT	

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 CHARUSAT CAMPUS, CHANGA

Minutes – Meeting of Board of Studies
CHAMOS Matrusanstha Department of Mechanical Engineering

Date : September 03, 2016, Saturday

Time : 10:00 am

Venue : Department of Mechanical Engineering, CSPIT, CHARUSAT Campus

The meeting of the Board of Studies, Mechanical Engineering, Faculty of Technology and Engineering, Charotar University of Science and Technology (CHARUSAT) was held as per schedule.

Following members were present:

- | | | | |
|----|-------------------------|------------------|--|
| 1. | Mr. Vijay Chaudhary | Chairman; | Associate Professor & Head,
Department of Mechanical Engineering, CSPIT |
| 2. | Dr A D Patel | Member; | Professor,
Department of Mechanical Engineering, CSPIT |
| 3. | Dr. Mayur Sutaria | Member; | Associate Professor,
Department of Mechanical Engineering, CSPIT |
| 4. | Mr. Dattatraya Subhedar | Member; | Assistant Professor,
Department of Mechanical Engineering, CSPIT |
| 5. | Mr. Gajanan Patange | Member; | Assistant Professor,
Department of Mechanical Engineering, CSPIT |
| 6. | Mr. Kamlesh Chauhan | Member; | Assistant Professor,
Department of Mechanical Engineering, CSPIT |
| 7. | Dr A. R. Srinivas | Member; | Head, Mechanical CAD centre, Space Application
Centre, ISRO, Ahmedabad |
| 8. | Mr. Hiten Patel | Member; | Director, NLGEOM Engineering Services |

Initiation:

Chairman welcomed all the members of Board of Studies. The minutes of the tenth meeting of Board of Studies held on August 08, 2015 was summarized.

Agenda & Resolutions:-

Agenda - 1: For Discussion; To approve the teaching and examination scheme for all the semesters of B Tech program with CBCS scheme effective from 2016-17.

Proceedings - 1:

Teaching & examination scheme of B Tech program for all semester courses is discussed in detail. Programme electives are offered from third year onwards. In final year, a 2 credit "Seminar" course is incorporated. It will include seminar report writing and presentation on industrial training (minimum 15 days) underwent by the student at the end of the 6th semester; during semester break.

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Resolution - 1:

The suggested changes are incorporated in the teaching & examination scheme of B Tech program with CBCS effective from 2016-17 and attached as an Annexure-I.

Agenda - 2: For Discussion; To approve the detailed syllabus for first year B Tech CBCS courses effective from 2016-17.

Proceedings - 2:

Following courses related to Mechanical Engineering are introduced in first year B.Tech effective from 2016-17. Course content of Workshop Practices is revised.

Course Code	Name of Course	Offered to
ME143	Basics of Civil & Mechanical Engineering	Civil/Electrical/Mechanical Engineering
ME144	Elements of Engineering	Computer/ IT/ E&C Engineering

The detailed syllabi for first year B Tech CBCS courses are attached herewith as an Annexure-II.

Agenda - 3: For Discussion; To approve the detailed syllabus for second year B Tech CBCS courses effective from 2017-18.

Proceedings - 3:

Syllabi for second year B Tech CBCS courses are discussed in detail. Course content in Mechanisms & Machinery, Manufacturing Processes I, Material Engineering & Metallurgy, and Dynamics of Machinery is revised.

Resolution - 3:

The suggested changes are incorporated in the syllabi of second year B Tech program with CBCS effective from 2017-18 and attached as an Annexure-III.

Agenda - 4: For Discussion; ; To approve the teaching and examination scheme for all the semesters of M. Tech program with CBCS scheme effective from 2015-16.

Proceedings - 4:

Several PG level university elective courses are offered by various Faculty/Department of CHARUSAT from academic year 2016-17. Course content in various courses is revised.

Resolution - 4:

List of PG level university elective courses and syllabus of programme elective 'ME768-Composite Materials' along with revised teaching & examination scheme of M Tech AMT program are attached as an Annexure-IV.

Agenda - 5: For Discussion; Additional item(s) – Review of University Exam Question Papers, Examiner Panel, Placement Records, Result Analysis, NBA Accreditation Status, Synopsis submission and New programs.

Proceedings & Resolution - 5:

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Review of University Exam Question Papers:

Members reviewed the examiner's feedback on university exam question papers and observed the topics in which student performance was not up to mark. Members also discussed about deviation in marks observed from predefined marks as per weightage of the units/topics in the university exam question paper. Examiner's feedback and Question Papers analysis report is attached herewith as an Annexure V.

Members suggested that assignments/tutorials containing numerical and analytical questions should be provided to the students. Members agree that in the university exam question paper, around 10% deviation in marks as compared to predefined marks as per weightage of the units/topics in the course syllabus is allowed to account for uncertainty and to facilitate flexibility in the contents.

Examiner Panel:

New examiners are added in the exam panel. Details of existing examiners are also updated and attached as an Annexure VI.

Placement Records:

Placement statistics & packages offered for 2015-16 batch were presented (Annexure VII). To enhance the training and placement activities, aptitude test and mock practice of campus drive are being conducted for students.

Institute-industry interaction needs to be improved for enhancing training and placement activities and each faculty member is being involved in the institute-industry interaction.

Result Analysis:

Results of academic year 2014-15 & 2015-16 was compared & presented (Annexure VIII). As compared to previous year (2014-15), semester results of 1st, 2nd, 3rd years & 4th year had improved whereas semester results of 5th semester had declined marginally.

Analysis and feedback of make-up and remedial classes to improve the performance of students can be carried out to strengthen the same.

NBA Accreditation Status:

Department has applied for NBA re-accreditation and clear the pre-qualifier stage. Preparation of Self Assessment Report is under progress.

Synopsis submission:

PhD synopsis of Gajanan Patange, Ajay Patel, Kartik Patel and Dattatraya Subhedar has been approved during 2015-16.

New programs:

Department is planning to start M Tech program in Thermal Engineering in academic year 2018-19.

The meeting ended with a vote of thanks by the Chairman.

Vijay Chaudhary
Chairman

Date: 06/09/2016



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Minutes BoS Meeting

Annexure II

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CHARUSAT CAMPUS, CHANGA

Charotar University of Science & Technology
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Details of Industrial Visit

Sr. No	Sem.	Place of Visit	Dates	No. of Students
1	1 st (M.Tech)	Reliance Defence Engineering Limited, Pipavav Port, Dist-Amreli	16/09/2016	38
2	5 th	IGTR-Ahmedabad CIPET-Ahmedabad	09/08/2016	140
3	3 rd	Shree Vallabh Alloy Steel Castings, V.U.Nagar	14/09/2016 & 23/09/2016	113
4	4 th	SPRERI, Vallabh Vidhyanagar	16/02/2017	120
5	6 th	Madhur Dairy, Gandhinagar	12/04/2017	140
6	8 th	Simarat Motors, Anand	07/04/2017	25



Head of Department

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