

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
Faculty of Technology and Engineering
U & P U. Patel Department of Computer Engineering

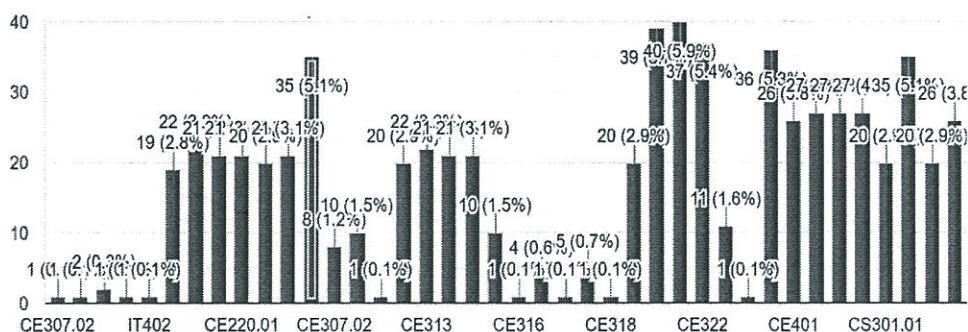
Stockholder Analysis Report (A.Y 2015-16)

The University is using the students' feedback as a base to make improvements in the existing system after reviewing and analyzing it carefully. Feedback is collected regularly during each semester for all the courses from students on basis of sample questionnaires, by a E-governance department coordinator. Besides, the feedback taken during Class Committee Meetings, online feedback and paper-based feedback by neutral teachers. The student's feedback questionnaire is attributing qualitative answers, focused on the quality of the in-course content, pedagogy, learning material, necessary technical skills to face the industry about theory/practical courses, and services extended to them by the university.

Sr.No	Question
1	The Course objectives are clear and specific
2	The Course workload is manageable throughout the course.
3	According to you, which part should be given more emphasis in practical sessions?
4	The Course is well organized and structured (e.g. content flow, inclusive of important matter. etc.)
5	The Course is well structured to achieve the learning outcomes (e.g. No of lectures, tutorials, practical etc.)
6	Learning materials (Lesson Plans, Course Notes etc.) are relevant and useful.
7	Recommended reference books are relevant If NO then suggest MOOCs/Books for recommended reference.
8	The provision of learning resources in the library was adequate and appropriate.

Course Code

682 responses



Certified By:

(Signature)

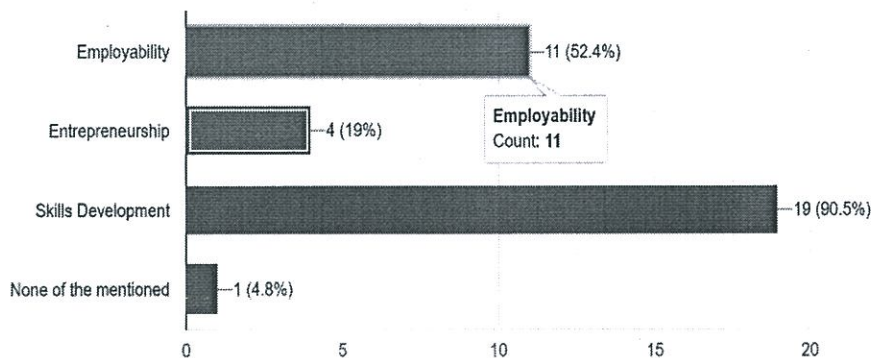
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1. The feedback of Alumni is taken during each year respective to the pass-out batches. The flexibility provided in the curriculum to develop skills in multidisciplinary fields was appreciated by alumni. Student's needs are not only taken care of but customized the pedagogy for a better understanding of the subject. The flexible curriculum focuses greatly on skill development. There is a continuous improvement in the quality of education and market awareness among students. In addition to this providing, more industry-specific inputs in the curriculum can further help to bridge the gap between industry and academic institutions.

Sr.No	Question
1	Does the syllabus reflect industry perception or competitive exams?
2	Equipped me with necessary technical skills to face the industry
3	Encompassed job-oriented content that will help me in getting a job
4	Provided me the knowledge that I expected to be required
5	Extended an opportunity to develop my personality, communication & leadership skills
6	Inculcated necessary values to have a concern for the society
7	The laboratory enhanced my understanding of the concepts
8	Does this course help to develop? (1) Employability (2) Entrepreneurship (3) Skills Development (4) None of the mentioned
9	Rate the overall content of the courses
10	Any comment/suggestion for improvement of course. Please mention the course name with code in which improvement is necessary

Does this course help to develop

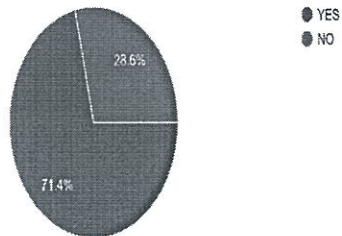
21 responses



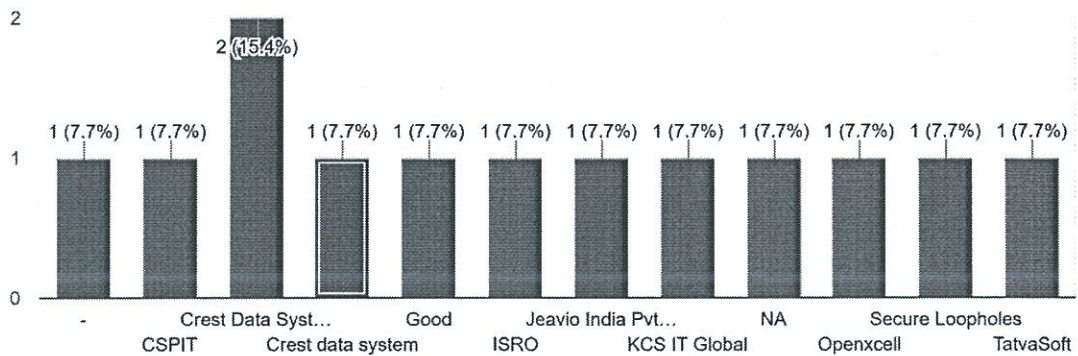
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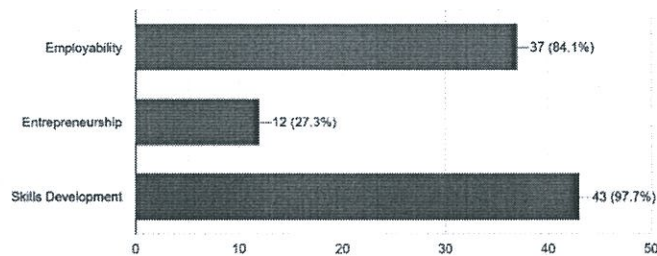
Does the syllabus reflect industry perception or competitive exams?
21 responses



Present Organization
13 responses



Does this course help to develop
44 responses



Dr. Ritesh Patel
Head, CE Dept.

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Date: 10/06/2016

Feedback on Curriculum Design (A.Y 2015-16)

Feedback from Industry Expert

- Maker courses like AI, Advance Java, AWT mandatory
- Exam pattern is very theoretical, practical approach should be added
- Focus more on conceptual development of subject

Action Taken:

- CE241- Object Oriented Programming using Java renamed as Java Programming and revised the syllabus
- CE247-Web Programming renamed as CE247-Web Technologies and revised the syllabus too.
- Removed object oriented portion and expanded Java Collection Frameworks and Generics Inheritance, Interfaces & Packages.

Feedback from Stakeholders

The department has formal and informal mechanisms to obtain feedback from stakeholders through various committees, associations, organization, etc.

- University elective courses should be introduced at M.Tech level.
- Start taking OBE mapping on each course.
- ME144- Elements of Engineering need to rename as Engineering Design.
- In Fifth Semester the subject CE344- Computer Network & Internetworking Layers need to be renamed as Computer Network only.
- In Fifth Semester CE341- Operating System need to be introduced in the Fourth Semester.
- In Sixth Semester CE347- Internals of Unix need to rename as either Design of OS or Internals of OS.
- In Sixth Semester CE350- Data Mining & Business Intelligence, if possible consider the subject in Elective Track and need to rename as Data Mining & Data Warehousing.
- In Seventh Semester CE443-Advanced Computing need to be renamed as Cloud Computing, in which introduce two unit of Distributed computing and remaining based on Virtualization and Cloud.

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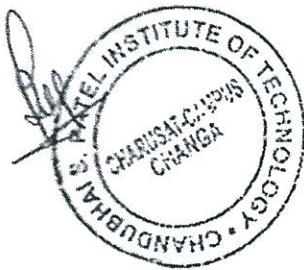
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- MA242-Discrete Mathematics & Application subject name need to be changed as Discrete Mathematics only.
- The subject CE241- Object Oriented Programming using Java need to be renamed as Java Programming only.
- CE242- Digital Electronics, add the complete logic design, TTL,CMOS, Sequential and Parallel Design.

Action Taken:

- The above feedbacks are incorporated.
- Department has incorporated OBE mapping for each courses

As most of the suggestion were incorporated in BoS (Annexure I)



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Annexure I

12th BOS

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CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY

Faculty of Technology and Engineering

Minutes – 12th Meeting of Board of studies

U & P U. Patel Department of Computer Engineering

Date : September 03, 2016, Saturday

Time : 10:00 am

Venue : Conference Room, Building-II, CSPIT, CHARUSAT Campus

The 12th joint meeting of the Board of studies and Faculty board, U & P U. Patel Department of Computer Engineering, FTE, Charotar University of Science & Technology (CHARUSAT) were held on 3rd September, 2016 at 10:00 a.m. onwards at conference room, CSPIT, CHARUSAT campus.

Following BOS members were remained present:

1.	Dr. Amit Ganatra	Chairman	Dean, Faculty of Tech & Engg HOD, CE Dept.
2.	Prof. B V Buddhdev	External	Principal, GEC, Bhavnagar
3.	Dr. Mukesh Patel	External	Director, Knowledge Academy
4.	Dr. Sanjay Chaudhari	External	Professor, IICT, Ahmedabad University
5.	Mr. Nikuj Patel	External	Sr. Manager & Head HR Capgemini, Ahmedabad
6.	Prof. Ritesh Patel	Member	Associate. Prof.
7.	Prof. Arpita Shah	Member	Asst. Prof.
8.	Prof. Ashwin Makwana	Member	Asst. Prof.

The following member(s) were not present due to their prior occupancy.

Mr. Pankaj Shah,

External Member, BOS, CE

Director, Global Tech, Ahmedabad

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Initiation:

Dr. Amit Ganatra (Chairman-BOS) greeted all the invited members of Board of Studies for 12th BOS meeting.

Agenda Proceedings & Resolutions:-

Item 12.01: For Discussion and Approval;

To approve the tentative teaching scheme for all the semesters of B Tech CBCS courses effective from 2016 (Total credits to be kept= around 192 for UG and 102 for PG)

Proceedings 12.01:

- Regulatory body had recommended different courses as per current industry trends.
- Total credits of UG should be kept around 192 and PG around 102.
- We had collected feedback of industry experts, student and faculty. Based on those feedback changes were made in teaching scheme and syllabus of different semesters.
- Different course group have been formed for CBCS Teaching Scheme (Effective from Batch-2016) discussion as per Annexure-I.
- In a semester-I rename the subject CE141- Computer Concepts & Programming to Computer Programming Practices.
- ME144- Elements of Engineering need to rename as Engineering Design.
- In Fifth Semester the subject CE344- Computer Network & Internetworking Layers need to be renamed as Computer Network only.
- In Fifth Semester CE341- Operating System need to be introduced in the Fourth Semester.
- In Sixth Semester CE347- Internals of Unix need to rename as either Design of OS or Internals of OS.
- In Sixth Semester CE350- Data Mining & Business Intelligence, if possible consider the subject in Elective Track and need to be renamed as Data Mining & Data Warehousing.
- In Seventh Semester CE443-Advanced Computing need to be renamed as Cloud Computing, in which introduce two unit of Distributed computing and remaining based on Virtualization and Cloud.

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- In Programme Elective - I, Android Internals need to be introduced in the subject of CE373- Mobile Application Developments.
- In Programme Elective - II, consider the subject name CE375 -Image Processing.
- In Programme Elective - III, subject CE471- Artificial Intelligence need to be renamed as Machine learning.

Resolutions 12.01:

- The appropriate modifications in the existing Teaching & Examination Scheme of B.Tech effective from (2016-17) are incorporated and will be discussed and approved in next BOS.

Note: The changes suggested by the members are incorporated. Proposed CBCS Teaching and Examination Scheme along with syllabus of CBCS M.Tech (E.F 2015-16) is attached herewith as an Annexure-II.

Item 12.02: For Discussion and Approval;

To approve the Teaching scheme and detailed syllabus for 2nd year CBCS courses effective from 2016-17 admitted batch during 2017-2018 academic year.

Proceedings 12.02:

- The Proposed Teaching and Examination scheme with detailed syllabus of 2nd year BTech (CBSC) scheme for 2016-17 admitted batch were presented to the board members.

Annexure-III.

3rd-Semester

- MA242-Discrete Mathematics & Application subject name need to be changed as Discrete Mathematics only.
- The subject CE241- Object Oriented Programming using Java need to be renamed as Java Programming only.
- CE242- Digital Electronics, add the complete logic design, TTL,CMOS, Sequential and Parallel Design.

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Dr

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4th-Semester

- In the subject CE247-Web Programming , need to be combined both client and server side. Also, need to be renamed as Web Technologies.
- CE248-Microprocessor & Interfaces need to be renamed as Processor Architecture and to be introduced in Fifth Semester. (need to be introduced CE341- Operating System in Fourth Semester)

Resolutions 12.02:

- The teaching and examination scheme of 2nd year B Tech (CBCS) with detailed syllabus of 3rd and 4th semester of B Tech courses scheme effective from 2016-17 was reviewed by the experts as per attached in Annexure-IV.
- MA242-Discrete Mathematics & Application renamed as MA242-Discrete Mathematics.
- CE241- Object Oriented Programming using Java renamed as Java Programming and revised the syllabus too.
- Syllabus of CE242- Digital Electronics is revised.
- CE247-Web Programming renamed as CE247-Web Technologies and revised the syllabus too.
- CE248-Microprocessor & Interfaces rename as Processor Architecture and introduced in the Fifth Semester.
- CE341- Operating System introduced in the Fourth Semester.

Item 12.03: For Discussion and Approval;

To approve the syllabus of Final year for 2013 admitted batch.

Proceedings 12.03:

- Final year syllabus of 2013 admitted batch had been discussed in 10th BOS meeting which was held on 23rd August, 2014.

Resolutions 12.03:

- Based on expert suggestion teaching and examination scheme had been approved for B Tech 4th year (7th & 8th semester) in 10th BOS.

Item 12.04: For Discussion and Approval;

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To review and approve any change in PG Syllabus of CBCS courses.

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Proceedings 12.04:

- No changes are to be required in the current syllabus of PG-CBCS (Effective From Batch-2016)

Item 12.05: For Discussion and Approval;

Preparation, Discussion and approval for the elective courses (University, Institute and Program Electives)

Proceedings 12.05:

- As per directives of university certain courses have been introduced as university elective in M.Tech 1st and 2nd semester as per list given below: Annexure-V

Course Code	Semester 1 (University Elective I)	Course Code	Semester 2 (University Elective II)
MA771	Reliability and Risk Analysis	EE782	Energy Audit and Management
EE781	Optimization Techniques	CE771	Project Management
ME781	Occupational Health and Safety	IT771	Cyber Security and Laws
CE772	Research Methodology	CA842	Mobile Application Development
CA730	Internet and Web Designing	PT796	Fitness and Nutrition
PT795	Health and Physical Activity	NR752	Epidemiology and Community Health
NR751	Women's Health	OC733	Introduction to Polymer Science
RD701	Introduction to Analytical Techniques	MB651	Software based Statistical Analysis
RD702	Introduction to Nanoscience and Technology	PH826	Intellectual Property Rights
MB650	Creative Leadership	MA772	Design of Experiments
PH825	Community Pharmacy Ownership		

Item 12.06: For Discussion and Approval;

Approval of PO & PEO

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Proceedings 12.06:

- Discussion on current PO & PEO of department.
- University has been accredited grade 'A' by NAAC and NBA.
- Placement record and result analysis as per attached in Annexure-VI & Annexure-VII.

As there was no other item, the meeting ended with a vote of thanks by the Chairman.

Dr. Amit Ganatra,

Chairman and Dean, Faculty of Technology,

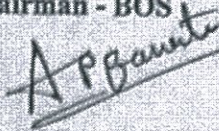
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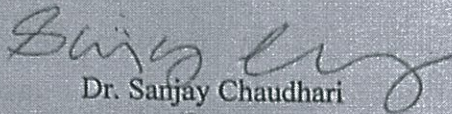
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Chairman - BOS



Dr. A P Ganatra
Dean- Faculty of Technology
Head of Computer Department
CSPIT - CHARUSAT

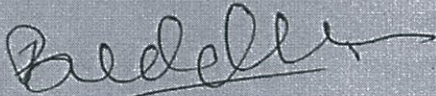
External Experts



Dr. Sanjay Chaudhari
Dean
School of Engineering and
Applied Science



Mr Nikunj Patel
Sr. Vice-President
Capgemini,
Gandhinagar



Prof B V Buddhdev
GEC, Bhavnagar

Mr. Pankaj Shah
Director
GlobalTech, Ahmedabad

BOS members



Prof. Ashwin Makawana
CSPIT - CHARUSAT

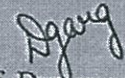


Prof Arpita Shah
CSPIT - CHARUSAT



Prof Ritesh Patel
CSPIT - CHARUSAT

Prof. Nikita Bhatt
CSPIT - CHARUSAT



Prof. Dweepna Garg
DEPSTAR - CE -
CHARUSAT

Special Invitees



Dr. Ketan Kotecha
Provost, Parul University
Vadodara



Prof. M T Savaliya
Head, Computer Dept.,
VGEC, Chandkheda

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