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.

- 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)



Annexure I

12th BOS

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 12thjoint 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

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 Intellegence, if possible consider the subject in Elective Track and need to 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.

- 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.

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 of2nd 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 10thBOS.

Item 12.04: For Discussion and Approval;

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

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

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,

Date: 03/09/2016.

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

Date: 03/09/2016

Feedback on Curriculum Design (A.Y 2016-17)

Feedback from Industry Expert

- Introduce current industry courses which helps students in their jobs
- Best course design in Gujarat
- Apply methodologies used in industries in teaching curriculum
- Attendance criteria need to change
- 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
- Update or change courses according to new trends in technology
- Online courses for all subject are not necessary, instead it could be one course certification per sem. That too related to area of interest of the student
- Reduce written assignments, give more practical projects
- Need to increase the no. of industry visits
- When we are made aware about a new subject, sometimes it is new for the faculties as well. If possible, allocate faculties who have experience in particular subject. I know that if faculty becomes an expert in that subject, they might leave CHARUSAT because of the next big opportunity. That is the trade off, CHARUSAT needs to work on
- Making changes in the teaching methodologies of first year students is required
- Comparatively new syllabus as per other university
- Learned a lot in academic as well as soft skills
- There should be latest book of technology available in library
- Reduce assignments
- Credit based course selection should be practiced, where the students himself select the course according to his interest
- Have to establish different coding culture

Action Taken:

- Removed object oriented portion and expanded Java Collection Frameworks and Generics Inheritance, Interfaces & Packages.
- Subject cloud computing and data mining is revised.
- Subject Computer Organization is introduced in second year with revision.

Feedback from Stakeholders

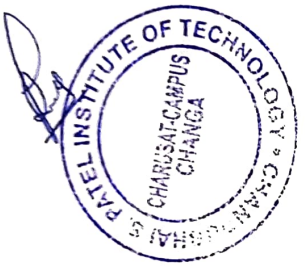
The department has formal and informal mechanisms to obtain feedback from stakeholders through various committees, associations, organization, etc. The suggestions and feedbacks of stakeholders were discussed in BoS meeting and got approval in Board of studies, Academic council and made the approved changes in the syllabus.

- Syllabus is designed according to the industry perspective, only thing is that course on big data should be introduced as separate track.
- The subject of CE341- Processor Architecture needs to be renamed as Microprocessor Architectures and Assembly Programming. Peripherals and interface are suggested to be removed (need to be added in COA subject) and in place of that arm programming, advanced architecture(s) need to be introduced.
- In CE343- Software Engineering subject, SDLC practical mapping should be covered during practical.
- The CE344- Computer Network & Internetworking Layers renamed as Computer Networks. Suggested to add a book named as Computer Networking A Top-Down Approach by Jim Kurose.
- In Programme Elective - I, CE371- Advanced Java programming Java Server Faces2.0 need to removed and introduced more on Java Spring. CE372- Advanced Programming using .NET Framework renamed as Programming in .NET Technology. Suggested to add one more subject named as Python Programming.
- In CE347- Internals of Operating System suggested being removed unit 1 to 5 and need to be added System call programming, Device Driver and Kernel Rebuilding.
- In CE348- Cryptography & Network Security weightage of Probability and Number Theory need to be increased and suggested to rename as Information Security.
- In CE349- Theory of Computation, weightage of unit 6 need to be increased (upto 06 hrs)
- CE375- Image Processing should be renamed as Digital Image Processing.

Action Taken:

- From the next Academic year Subject like DBMS and ADBMS combined and also introduced Big data as a separate compulsory subject instead of in Elective track.
- Subject Web Technologies is shifted from 5th to 4th semester.
- University Elective(s) are added in CBCS. CE281- Art of Programming and CE282- Web Designing in semester 3rd and 4th are offered respectively.
- The changes suggested by the members are agreed to be incorporated of 3rd year B Tech (CBCS) with detailed syllabus of 5th and 6th semester of B Tech courses scheme effective from 2018-19

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



Annexure I
13th BOS

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
Faculty of Technology and Engineering (FTE)
Minutes – 13th Meeting of Board of studies (BoS)
U & P U. Patel Department of Computer Engineering

Date : August 26, 2017, Saturday
Time : 10:00 am
Venue : Conference Room, Building-II, CSPIT, CHARUSAT Campus

The 13th meeting of the Board of studies, U & P U. Patel Department of Computer Engineering, FTE, Charotar University of Science & Technology (CHARUSAT) were held on 26th August, 2017 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. Sanjay Chaudhari	External	Professor, IICT, Ahmedabad University
4.	Mr. Nikuj Patel	External	Sr. Vice-President Capgemini, Ahmedabad
5.	Prof. Ritesh Patel	Member	Associate. Prof.
6.	Prof. Arpita Shah	Member	Asst. Prof.
7.	Prof. Ashwin Makwana	Member	Asst. Prof.
8.	Prof. Nikita Bhatt	Member	Asst. Prof.
9	Prof. Dweepna Garg	Member	Asst. Prof., DEPSTAR – CE
Special Invitees			
1.	Dr. Ketan Kotecha	Provost, Parul University, Vadodara	
2.	Prof. M. T. Savaliya	Head, Computer Dept, VGEC, Chandkheda	

Initiation:

Dr. Amit Ganatra (Chairman-BOS) greeted all the invited members of Board of Studies for 13th BOS meeting. He briefed the overall activities carried out by the department during last year.

Agenda Proceedings & Resolutions:-

Item 13.01: For Discussion and Approval;

To approve the teaching scheme for all the semesters of B Tech CBCS courses which was made effective from academic year 2016-2017 (Total credits to be kept= around 200 for UG and 100 around for PG)

Proceedings 13.01:

- Total credits of UG are kept 195. Suggested to add summer internship-I in (Summer Vacation after fourth semester) which is to be reflected in the mark-sheet of fifth semester with 03 credits.
- In MA141- Engineering Mathematics-I, topic(s): 2.3 , 2.4, 2.5, 5.5, 5.6, 6.4, 6.6 should be removed in place of these topics linear algebra, information theory and practices, interpolation, extrapolation need to be added.
- In MA142- Engineering Mathematics-II, topic(s): 2.4, 3.4, 3.5, 6.4 should be removed and statistics concepts need to be introduced in place of mentioned topics.
- In MA242- Discrete Mathematics: suggested to separate out topics Relations, Lattices and Boolean algebra and give more contact hours. Also suggested to add Generating function.
- Subject Engineering Physics need to be revised.
- Reframe Programme Elective-III in 7th Semester.

Resolutions 13.01:

- The appropriate modifications in the existing Teaching and Examination Scheme of B.Tech effective from (2017-18) are incorporated and the changes recommend for higher semesters will be discussed again and approved in next BOS.
- Second and Third point(s) are incorporated in Teaching Scheme (Effective Batch 2018 – A.Y 2018-19). New Subject Code(s) are as MA141.01 - Engineering Mathematics-I and MA142.01- Engineering Mathematics-II.

- Fourth point is incorporated and will be effective from (Batch 2017- A.Y 2018-19). New subject code is MA242.01- Discrete Mathematics.
- New subject code is incorporated as PY141.01.

Note: The changes suggested by the members are incorporated. Proposed CBCS Teaching and Examination Scheme along with syllabus of CBCS B.Tech (E.F 2017-18) is attached herewith as an Annexure-I.

Item 13.02: For Discussion and Approval;

To approve the Teaching scheme and detailed syllabus for CBCS B Tech courses for 3rd year (semester 5 & semester 6).

Proceedings 13.02:

- The subject of CE341- Processor Architecture needs to be renamed as Microprocessor Architectures and Assembly Programming. Peripherals and interface are suggested to be removed (need to be added in COA subject) and in place of that arm programming, advanced architecture(s) need to be introduced.
- In CE343- Software Engineering subject, SDLC practical mapping should be covered during practicals.
- The CE344- Computer Network & Internetworking Layers renamed as Computer Networks. Suggested to add a book named as Computer Networking A Top-Down Approach by Jim Kurose.
- In Programme Elective - I, CE371- Advanced Java programming Java Server Faces2.0 need to removed and introduced more on Java Spring. CE372- Advanced Programming using .NET Framework renamed as Programming in .NET Technology. Suggested to add one more subject named as Python Programming.
- In CE347- Internals of Operating System suggested being removed unit 1 to 5 and need to be added System call programming, Device Driver and Kernel Rebuilding.
- In CE348- Cryptography & Network Security weightage of Probability and Number Theory need to be increased and suggested to rename as Information Security.
- In CE349- Theory of Computation, weightage of unit 6 need to be increased (upto 06 hrs)
- CE375- Image Processing should be renamed as Digital Image Processing.

Resolutions 13.02:

- The changes suggested by the members are agreed to be incorporated. The teaching and examination scheme of 3rd year B Tech (CBCS) with detailed syllabus of 5th and 6th semester of B Tech courses scheme effective from 2018-19 was reviewed by the experts as per attached in Annexure-II

Item 13.03: For Discussion and Approval;

Any change in PG Syllabus of CBCS courses

Proceedings 13.03:

- No changes are to be required in the current syllabus of PG-CBCS (Effective From Batch-2016-2017)

Item 13.04: For Discussion and Approval;

Preparation, Discussion and approval for the Elective Courses (University, Institute, Cluster and Program Electives)

Proceedings 13.04:

- Discussed on University Elective Courses. As per directives of university certain courses have been introduced as university elective in B.Tech 3rd and 4th semester.
- Suggested to reframe Programme Elective – II and Programme Elective – III.

Resolutions 13.04:

- As per the suggestion by 12th BOS, University Elective(s) are added in CBCS. CE281- Art of Programming and CE282- Web Designing in semester 3rd and 4th are offered respectively.
- Suggested Programme Electives are incorporated in 6th semester and 7th semester.

Item 13.05: For Discussion and Approval;

Discussion on effective implementation on OBE (PEOs, Cos, POs, Graduate Attributes, Mission, Vision, Bloom's Taxonomy) and Smart Class Room plus ICT based T-L

Proceedings 13.05:

- Discussed on revised POs and PEOs for the Department.
- Members of BOS gone through the Question Paper quality evaluation using Bloom's taxonomy.

Resolutions 13.05:

- Board has approved revised POs and PEOs is attached herewith as an Annexure-III.
- Board has approved process is attached herewith as an Annexure-IV.

Item 13.06: For Discussion and Approval;

Additional item(s) other than syllabus to be reviewed during BOS:

Review of University Exam Question Papers (Quality of Question Papers), Experiment Lists, Examiners' Panel, Placement Records and Result Analysis of Academic Year plus Analysis of Semester Results, Reg. Innovation in Pedagogy, Outcome Based Education (OBE), Research (Publications, Proposals and Grants), Reg. NBA Accreditation Status, NAAC Accreditation of the University, Project works, Panel of Ph D Supervisors, Synopsis submission if any and its Approval, Approval of Reviewer's (Examiners) Panel for Ph D Thesis, Feedback from Students, Identification of Slow Learners, Students Counseling, Quality of Inputs and Admission Scenario, Remedial Coaching, Quality of M Tech Dissertations, Industry Exposure etc.

Proceedings 13.06:

- Placement process is extremely successful. Many MNCs like TCS, Capgemini, CrestData System, Infosys etc. and many medium sized companies visit our campus every year to recruit our students. As a result, all the students are able to secure their jobs before graduation through campus placement.
- Examiners' and Reviewers' panel of A.Y 2017-18 has been approved.
- BOS members congratulated the university and all the CHARUSAT family members for receiving NAAC 'A' Grade status in its first cycle and for getting NBA Accreditation for the department.
- A report (Year-wise comparison) has been prepared and analysis has been done on number of students who have passed throughout smoothly on comparison analysis with past all years, number of students who have cleared programme with and without backlogs during their whole Programme.
- For M.Tech Dissertation, BOS members agreed for Industry projects and research work.

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

Dr. Amit Ganatra,
Chairman BoS and Dean, Faculty of Technology & Engineering (FTE)
CHARUSAT
Date: 26/08/2017.

2018-19

Chairman - BOS

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

External Experts

Dr. Sanjay Chaudhary
Dean
School of Engineering and
Applied Science

Prof B V Buddhdev
GEC, Bhavnagar

Industry Experts

Mr Nikunj Patel
Sr. Vice-President
Capgemini
Gandhinagar

Mr. Pankaj Shah
Director
GlobalTech, Ahmedabad

Special Invitees

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

Dr. Ketan Kotecha
Director and Dean
SIT, Pune

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BOS members

Prof. Ashwin Makawana
CSPIT - CHARUSAT

Prof Arpita Shah
CSPIT - CHARUSAT

Dr. Ritesh Patel
CSPIT - CHARUSAT

Prof. Nikita Bhatt
CSPIT - CHARUSAT

Prof. Dweepna Garg
DEPSTAR – CE -
CHARUSAT

Industry Experts

Mr. Arpit Kothari
External Member, BOS, CE
(Industry), TCS

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

Date: 26/08/2017

Feedback on Curriculum Design (A.Y 2017-18)

Feedback from Industry Expert

- Java Programming subject need to be revised.
- Cloud computing and Data mining subject need to be revised.
- Peripherals components is removed and added more on computer architecture

Action Taken:

- CS743- Advanced Computer Networks need to be renamed as CS743-Foundation of Computer Networking.
- Subject Data Science need to be introduced in Elective Group.
- CS746- Internet of Things to be introduced in Semester-I and CS741- Machine Learning need to be introduced in Semester-II.
- Elective groups are required to keep all subjects according to the specialization on specific track.

Feedback from Stakeholders

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

- Certain topics should be dropped from the course like Advanced Java or Advanced DBMS or can combine the course.
- Web technologies subject need to be introduced in Second year of Engineering.
- Digital Electronics, Web programming coursed are needed to be revised.
- Syllabus is designed according to the industry perspective, only thing is that course on big data should be introduced as separate track.

Action Taken:

- From the next Academic year Subject like DBMS and ADBMS combined and also introduced Big data as a separate compulsory subject instead of in Elective track.
- Subject Web Technologies is shifted from 5^{th} to 4^{th} semester.

- Subjects like Digital Electronics, Web programming revised and incorporated in detail syllabus.

Feedback through Parents Meet

- Parents suggested that Tie-up to be made with the Canada & Australia for semester Program.
- Parents suggested that the students must be involved in the research carried out in the department
- Parents expressed that the in summer intensive training can be arranged from 3rd semester onwards.

Action Taken:

- Summer intensive training already incorporated in Next year teaching scheme but now that also been introduced for 3rd semester students.
- Students were involved in projects funded by DST and other external agencies

Feedback from Alumni

- Curriculum encompassed job oriented content that will help in getting a job. Also extended an opportunity to develop my personality, communication & leadership skills
- Alumni suggested that they may be invited to the campus to interact with the students in-order to update them about the difficulties being faced in the IT industry and about latest technologies
- Alumni expressed that they will extend their help to the students in doing training and also in placement

Action Taken:

- Alumni series of lecture planned so as to enable the students about the latest technologies and current scenario in IT field.

Few points were incorporated in BoS (Annexure I)



Annexure I
14th BOS

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
Faculty of Technology and Engineering (FTE)
Minutes – 14th Meeting of Board of studies Meeting (BoS)
U & P U. Patel Department of Computer Engineering

Date : July 14, 2018 & July 28, 2018, Saturday
Time : 11:00 am
Venue : Conference Room, Building-II, CSPIT, CHARUSAT Campus

The 14th meeting of the Board of studies, U & P U. Patel Department of Computer Engineering, FTE, Charotar University of Science & Technology (CHARUSAT) was held on 14th July, 2018 & 28th July, 2018 at 11:00 a.m. onwards at conference room (CE/IT), 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. Sanjay Chaudhari	External	Professor, IICT, Ahmedabad University
4.	Mr. Nikuj Patel	External	Sr. Vice-President Capgemini, Ahmedabad
5.	Mr. Pankaj Shh	External	Director, GlobalTech, Ahmedabad
6.	Prof. Ritesh Patel	Member	Associate. Prof.
7.	Prof. Arpita Shah	Member	Asst. Prof.
8.	Prof. Ashwin Makwana	Member	Asst. Prof.
9.	Prof. Nikita Bhatt	Member	Asst. Prof.
10.	Prof. Dweepna Garg	Member	Asst. Prof., DEPSTAR – CE
Special Invitees			
1.	Dr. Ketan Kotecha	Director and Dean SIT, Pune	
2.	Prof. M. T. Savaliya	Head, Computer Dept, VGEC, Chandkheda	

Initiation:

Dr. Amit Ganatra (Chairman-BOS) greeted all the invited members of Board of Studies for 14th BOS meeting. He briefed the overall activities carried out by the department during last year.

Agenda Proceedings & Resolutions:-

Item 14.01: For Discussion and Approval;

To approve the teaching scheme and syllabus of B Tech 4th Year (7th and 8th Semesters) (E.F Batch-2016) CBCS Course.

Proceedings 14.01:

- Subject CE442- Design of Language Processors needs to be renamed as Design of Language Translator. In the subject CE442- Design of Language Translator, there is a need introduce Hypervisor, Virtual Compiler, Virtual Monitor with addition of LEX, YACC Analyzers, Compiler Generator etc.
- Subject Artificial Intelligence is suggested to be added and need to be introduced along with the Distributed Computing in Elective Track.

Resolutions 14.01:

- Suggestions given by the members have been agreed and approved as per annexure I.

- **Note:** The changes suggested by the members are incorporated. Proposed CBCS Teaching and Examination Scheme along with syllabus of CBCS B.Tech (E.F A.Y 2019-20) (Batch-2016) is attached herewith as an Annexure-I.

Item 14.02: For Discussion and Approval;

To approve Teaching Scheme and Syllabus of M.Tech - CSE (Newly Introduced Programs) (E.F Batch 2018-19)

Proceedings 14.02:

- Members have suggested change in nomenclature of CS764-Web Services & Service Oriented Computing to C764-Service Oriented Computing in Elective Track.
- Members have suggested to offer one of the following subject as program cluster elective:

- Information Security
- Cyber Security
- Data Analytics
- Data Science & Visualization

- Members have suggested offering Internet of Things (IoT) in semester-II and Machine Learning in semester-I.
- Foundation of Modern Networking and Advanced Algorithms subjects are to be introduced in Semester-I
- Members have suggested offering Microcontroller, Internet of Things (IoT) and Embedded as three separate courses.
- CS743- Advanced Computer Networks need to be renamed as CS743-Foundation of Computer Networking.
- Subject Data Science need to be introduced in Elective Group.
- CS746- Internet of Things to be introduced in Semester-I and CS741- Machine Learning need to be introduced in Semester-II.
- Elective groups are required to keep all subjects according to the specialization on specific track.

Resolutions 14.02:

- Based on the suggestions, in the Elective Group we have incorporated CS761-Language Processor, CS762-High Performance Computer Architecture and CS763-Computer Vision and Image Processing are in Elective-I track. CS764-Service Oriented Computing, CS765-Mobile and Wireless Computing and CS767-Data Science & are introduced in Elective-II track.
- CS768- Data Science is introduced in University Elective group.
- Remaining suggestions given by the members have been approved as per annexure II.

- **Note:** The changes suggested by the members are incorporated. Proposed CBCS Teaching and Examination Scheme M.Tech - CSE (E.F 2018-19) is attached herewith as an Annexure-II.

Item 14.03: For Discussion and Approval;

To approve Teaching Scheme and Syllabus of M.Tech - ICT (Newly Introduced Programs)

Proceedings 14.03:

- To deal with M Tech in Information and Communication Technology (ICT), members have suggested Communication Systems, Foundation of Modern Networking, Applied Cryptography are to be kept in core subjects.
- Information Theory and Coding and Real Time System Programming need to be added in Cluster elective group.
- Subject like High Performance Computer Architecture, Advanced Algorithms, Data Science & Analytics need to be considered in Programme Elective group.

Resolutions 14.03:

- First point is resolved and incorporated in Teaching Scheme (E.F Batch 2018).
- Suggestions given by the members have been agreed and approved as per Annexure-III.

Note: The changes suggested by the members are incorporated. Final Teaching and Examination Scheme M Tech-ICT (E.F 2018-19) is attached herewith as an Annexure-III

Item 14.04: For Discussion and Approval;

To approve the teaching scheme and syllabus of B. Tech 3rd Year effective from 2018-19 (Admission Year) Batch 2017 (New syllabus) with overall 192 credits.

Proceedings 14.04:

- In subject CE249-Computer Organization practical component need to be removed.
- Members have suggested adding Software Group Project component in 4th semester.
- CE347-Internals of Operating System to be kept in Elective Track – II and subject Artificial Intelligence need to be replaced with CE347.
- CE350-Data Warehousing & Data Mining to be removed and introduced Data Science & Analytics.
- Subject Modern Networks to be introduced in 6th semester and Information Security to be added in Elective track.

- Information Security and Augmented Reality need to be introduced in Elective Track – II subject Image Processing to be renamed as Digital Image Processing and introduced in Elective Track – III.

- Suggested to add Programming in Python in Seventh semester.

Resolutions 14.04:

- Suggestions given by the members have been agreed and approved as per Annexure-IV.

Note: The changes suggested by the members have been incorporated. Final Teaching and Examination Scheme B. Tech (E.F 2018-19 – Admission Batch 2018-19) is attached herewith as an Annexure-IV

Item 14.05: For Discussion and Approval;

To incorporate the revised syllabus of Computer Concepts (E.F 2019-20) (Batch 2019), Mathematics and Physics in first year (E.F 2018-19) Batch- 2018

Proceedings 14.05:

- CE141 - Computer Concepts & Programming and CE142 - Object Oriented Programming with C++ are revised with addition of few contents).
- MA141.01 - Engineering Mathematics-I and MA142.01 - Engineering Mathematics-II are revised with addition of few content(s).
- PY141- Engineering Physics is revised with addition of Quantum Mechanics, Acoustics and Ultrasonic, Physics of Laser.

Resolutions 14.05:

- Board has approved the revised syllabus of CE141 and CE142. New subject codes CE143 and CE144 are incorporated with 5 credits.
- Board has approved the revised syllabus of MA141 and MA142. New subject codes MA143 and MA144 are incorporated.
- Board has approved the revised syllabus of PY141. New subject code PY141.01 is incorporated.

Item 14.06: For Discussion and Approval;

To approve the teaching scheme and syllabus of B. Tech (3rd and 4th Semester) effective from Batch 2018

Proceedings 14.06:

- Looking to the current market scenario suggested to remove Advanced Programming using .NET Framework and suggested to introduced R Programming in Elective Track – I.

Resolutions 14.06:

- Suggestions are incorporated as per Annexure-V.

Item 14.07: For Discussion and Approval;

To approve the Panel of Reviewers, for Ph D and Panel of Examiners, Synopsis Approval

Proceedings 14.07:

- To review and approve PhD synopsis of Ashwin Makawana, Amit Nayak and Hetal Chudasama Research Scholar at U & P. U Patel Department of Computer Engineering, FTE - CHARUSAT along with the panel of referees for the PhD examination.

Resolutions 14.07:

- The PhD synopsis of Ashwin Makawana, Amit Nayak and Hetal Chudasama have been approved and members have also approved the panel of referees for the PhD thesis examination.

Item 14.08: For Discussion and Approval;

Additional item(s) other than syllabus to be reviewed during BOS:
Review of University Exam Question Papers (Quality of Question Papers), Experiment Lists, Examiners' Panel, Placement Records and Result Analysis of Academic Year plus Analysis of Semester Results, Reg. Innovation in Pedagogy, World Class Universities, Outcome Based Education (OBE), Research (Publications, Proposals and Grants), Funding Agencies, Reg. NBA Accreditation Status, NAAC Accreditation of the University, Going for International Accreditation, Innovative Project works, Panel of Ph. D Supervisors, Synopsis submission and its Approval, Approval of Reviewer's (Examiners) Panel, Feedback from Students, Identification of Slow Learners, Students Counseling, Quality of Inputs (Admission Scenario), Remedial Coaching, Quality of M Tech Dissertations, Industry Exposure, Responsible University etc. or any other additional items.

Proceedings 14.08:

- Members have reviewed the information and data related to the Items.
- The university question paper analysis was discussed by the board members.
- Bloom's Taxonomy based paper analysis is carried out by department staff members during internal as well as external examination. The teaching objectives are narrow and specific and concerned with classroom teaching.
- How Matrix attainment as a form of Mapping of Course Outcomes (CO) & Programme Outcomes (PO) and Programme Educational Objectives (PEOs) were carried out during course delivery and question paper drawing. The educational objectives achieved by each teacher. The educational objectives are achieved with the help of teaching or learning objectives.
- Member were agreed to have quality of publications in general and those part of PhD in particular and with impact factor 0.5 journal (Thomson Reuters /SJR Listed/Scopus Listed).
- Members have appreciated blended teaching learning in classroom using alternative learning platforms like COURSERA, MOOCs etc.
- Members have also appreciated the innovation in pedagogy bring in by the department and efforts that the department is putting in enhancing the soft skills of the students.
- Members have also appreciated the introducing Summer Internship after 4th and 6th Semesters of B Tech.
- Members have appreciated the input quality of the students and merit marks as it has been improved YoY.
- Members have also appreciated the improvements in students Results, 100% Students' Placements, Students joining various certifications (Academies) and Students clearing various Competitive Examinations with good scores.

Resolutions 14.08:

- A sample analysis of university question paper is attached along with CO-POs as an Annexure VI and course content mapping as an Annexure VII.

Dr. Amit Ganatra,
Chairman BoS and Dean, Faculty of Technology & Engineering (FTE)
CHARUSAT
Date: 28/07/2018.

3	Ashwin Makwana (12DRCE008)	22/0 14/0

Synopsis of research scholar(s) are placed before Board of Studies on 14/07/2018. members approved the synopsis & panel of referees of Research Scholar(s). This perusal & further necessary actions please.

Dr. Ketan Kotecha
Director, Symbiosis. Pune

Dr. Parth Shah
IT Dept, CSPIT, CHARUSAT

Dr. Sanjay Chaudhary
Associate Dean, Ahmedabad University

Dr. Amit R. Thakkar
IT Dept, CSPIT, CHARUSAT

Dean
Dr. Amit Ganatra
FTE, CHARUSAT

Dr. Ritesh Patel
CE Dept, CSPIT, CHARUSAT

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Chairman - BOS

Dr. A P Ganatra
Dean- Faculty of Technology
CHARUSAT

External Experts

Prof. B V Buddhdev
Government Engineering
College,
Bhavnagar.

Dr. Sanjay Chaudhary
Dean
School of Engineering and
Applied Science

Special Invitees

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

Dr. Ketan Kotecha
Director and Dean
SIT, Pune

Industry Experts

Rinkesh Arora
Vice President & Country Lead
BITSCAPE

BoS Members

Prof. Ashwin Makawana
CSPIT - CHARUSAT

Dr. Ritesh Patel
Head of Department of Computer Engineering
CSPIT - CHARUSAT

Prof Arpita Shah
CSPIT - CHARUSAT

Prof. Nikita Bhatt
CSPIT – CHARUSAT

Prof. Dweepna Garg
DEPSTAR – CE -
CHARUSAT

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

Date: 28/07 /2018

Feedback on Curriculum Design (A.Y 2018-19)

Feedback from Stakeholders

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

- Computer Networks need to be introduced in Semester 3 with inclusion of Data Communication & Networking.
- Based on above two points recommended to introduce Operating System in 5th semester.
- Cyber security suggested and to be offered in place of Wireless Communication & Mobile Computing.
- Member has suggested being revision on Cloud Computing with inclusion of Administrator (40%), Management (40%), Architecture (20%), research component and measurement of services.
- Open source tool based project in SGP is advised for the development of students. E.g local resource management using web application, c-panel, performance improvement, compatibility

Action Taken:

- Points 1-4 were incorporated and Rest of the suggestions will be incorporated in further revision and discussed in forthcoming BOS. (Annexure I)



Annexure I

15th BOS

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
Faculty of Technology and Engineering (FTE)
Minutes – 15th Meeting of Board of studies Meeting (BoS)
U & P U. Patel Department of Computer Engineering

Date : August 31, 2019 Saturday
Time : 10:00 am
Venue : Conference Room, Building-A5, DEPSTAR, CHARUSAT Campus

The 15th meeting of the Board of studies, U & P U. Patel Department of Computer Engineering, FTE, Charotar University of Science & Technology (CHARUSAT) was held on 31st August, 2019 10 a.m. onwards at conference room ,Building-A5 DEPSTAR, CHARUSAT campus.
Following BOS members were remained present:

1.	**Dr. Amit Ganatra**	Chairman	Dean, Faculty of Tech & Engg HOD, CE Dept.
2.	Rinkesh Arora	External	Vice President & Country Lead, BITSCAPE
3.	Prof. Ritesh Patel	Member	Associate. Prof.
4.	Prof. Arpita Shah	Member	Asst. Prof.
5.	Prof. Ashwin Makwana	Member	Asst. Prof.
6.	Prof. Nikita Bhatt	Member	Asst. Prof.
7.	Prof. Dweepna Garg	Member	Asst. Prof., DEPSTAR – CE

Initiation:

Dr. Amit Ganatra (Chairman-BOS) greeted all the invited members of Board of Studies for 15th BOS meeting. He briefed the overall activities carried out by the department during last year.

Agenda Proceedings & Resolutions:-

Item 15.01: For Discussion and Approval;

To review and to approve the Teaching and Examination schemes of 5th and 6th semester (Third year) B Tech CBCS for all the branches, for Revised Syllabus Effective from 2018-19 (Admission) Batch.

Proceedings 15.01:

- Members of BoS have approved Teaching and Examination Scheme for Batch 2018 (E.F 2020-21).

- **Note:** Teaching and Examination Scheme along with syllabus of CBCS B.Tech (E.F A.Y 2020-21) (Batch-2018) is attached herewith as an Annexure-I.

Item 15.02: For Discussion and Approval;

To approve the teaching scheme for all the semesters of B Tech CBCS courses and detailed syllabus of 1st year effective from 2019 (Total credits to be kept around 176 for UG and 90 around for PG)

Proceedings 15.02:

- Members are agreed to combine Microprocessor and Computer Organization.
- Computer Networks need to be introduced in Semester 3 with inclusion of Data Communication & Networking.
- Based on above two points recommended to introduce Operating System in 5th semester.
- Cyber security suggested and to be offered in place of Wireless Communication & Mobile Computing.
- Member has suggested being revision on Cloud Computing with inclusion of Administrator (40%), Management (40%), Architecture (20%), research component and measurement of services.

- Suggestions were carried out on the subject of IoT with inclusion of sensor, cloud and machine learning components.
- In Programme Elective – II Digital Image Processing and Augmented Virtual Reality to be kept separate. Distributed Systems need to be excluded.

Resolutions 15.02:

- Points 1-4 were incorporated and Rest of the suggestions will be incorporated in further revision and discussed in forthcoming BOS

• **Note:** The changes suggested by the members are incorporated. Proposed CBCS Teaching and Examination Scheme B.Tech. Batch 2019 (E.F 2019-20) is attached herewith as an Annexure-II.

Item 15.03: For Discussion and Approval;

Additional item(s) other than syllabus to be reviewed during BOS:

Review of University Exam Question Papers (Quality of Question Papers), Experiment Lists, Examiners' Panel, Placement Records and Result Analysis of Academic Year plus Analysis of Semester Results, Reg. Innovation in Pedagogy, World Class Universities, Outcome Based Education (OBE), Research (Publications, Proposals and Grants), Funding Agencies, Reg. NBA Accreditation Status, NAAC Accreditation of the University, Going for International Accreditation, Innovative Project works, Panel of Ph D Supervisors, Synopsis submission and its Approval, Approval of Reviewer's (Examiners) Panel, Feedback from Students, Identification of Slow Learners, Students Counselling, Quality of Inputs (Admission Scenario), Remedial Coaching, Quality of M Tech Dissertations, Industry Exposure, Responsible University etc. or any other additional items.

Proceedings 14.08:

- Suggestion was given to be kept comprehensive exam with 3hrs – 4 hrs for all students and under non-credit.
- Open source tool based project in SGP is advised for the development of students. E.g local resource management using web application, c-panel, performance improvement, compatibility

- Bloom's Taxonomy based paper analysis is carried out by department staff members during internal as well as external examination. The teaching objectives are narrow and specific and concerned with classroom teaching.
- Suggestion was carried out on impact of education. It should be computer science rather on focusing pure application.

Dr. Amit Ganatra,
Chairman BoS and Dean, Faculty of Technology & Engineering (FTE)
CHARUSAT
Date: 31/08/2019.

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

Date: 31/08/2019

Feedback on Curriculum Design (A.Y 2019-20)

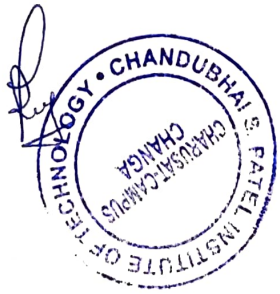
Feedback from Stakeholders

The department has formal and informal mechanisms to obtain feedback from stakeholders through various committees, associations, organization, etc. The suggestions and feedbacks of stakeholders were discussed in BoS meeting and got approval in Board of studies, Academic council and made the approved changes in the syllabus.

- CE352-Computer Networks need to be introduced in 5th semester with Kurose as additional textbook.
- SDN subject can be offered as an elective subject. Futuristic courses can be introduced and offered to the students as an elective subject.
- CE343-Software Engineering need to be introduced 6th semester.
- CE342-Design & Analysis of Algorithms need to introduced in 6th semester.
- Under Programme Elective – I; need to be changed cluster of subjects and revised the name of each subject.
- Under Programme Elective – II; suggested to introduce new course cognitive science in Elective Track.
- Blended teaching learning in classroom using alternative learning platforms like COURSERA, MOOCs etc
- Looking to the current market scenario suggested to add Advanced Programming using Web technology and suggested to introduced R Programming in Elective Track – I.

Action Taken:

- CE257- Data Communication & Networking is introduced for batch – 2019 in 3rd Sem.
- CE258- Microprocessor and Computer Organization is introduced for batch- 2019 in second year.
- CE354- Operating System is introduced in third year for batch-2019.
- Other suggestions are to be discussed in next BoS. (Annexure I)



Annexure I
16th BOS

CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY
Faculty of Technology and Engineering (FTE)
Minutes – 16th Meeting of Board of studies Meeting (BoS)
Department of Computer Engineering (CSPIT & DEPSTAR)

Date : July 4, 2020 Saturday
Time : 10:00 am
Venue : Dean Cabin, Building-A5, DEPSTAR, CHARUSAT Campus (Online Mode)

The 16th meeting of the Board of studies, Department of Computer Engineering (CSPIT & DEPSTAR), FTE, Charotar University of Science & Technology (CHARUSAT) was held on 4th July, 2020 10 a.m. onwards at Dean Cabin, Building-A5 DEPSTAR, CHARUSAT campus. Following BOS members were remained present:

1.	**Dr. Amit Ganatra**	Chairman	Dean, Faculty of Tech & Engg
2.	Prof. B V Buddhdev	External	Principal, GEC, Bhavnagar
3.	Dr. Sanjay Chaudhari	External	Professor, IICT, Ahmedabad University
4.	Mr. Nikuj Patel	External	Techsmith, Ahmedabad
5.	Mr. Rinkesh Arora	External	Industry Expert - Bitscape
6.	Prof. Ritesh Patel	Member	HOD, CE Dept. (CSPIT)
7.	Prof. Dweepna Garg	Member	I/C - HOD, CE Dept. (DEPSTAR)
8.	Prof. Arpita Shah	Member	Asst. Prof.
9.	Prof. Ashwin Makwana	Member	Asst. Prof.
10.	Prof. Nikita Bhatt	Member	Asst. Prof.

Special Invitees

1.	Dr. Ketan Kotecha	Director and Dean SIT, Pune
2.	Prof. M. T. Savaliya	Head, Computer Dept, VGEC, Chandkheda

Initiation:

Dr. Ritesh Patel, Head of CE Department greeted all the invited members of Board of Studies for 16th BOS meeting. He briefed the overall activities carried out by the department during last year.

Agenda Proceedings & Resolutions:-

Item 16.01: For Discussion and Approval;

To review and approve the Teaching & Examination schemes and detailed syllabus of 5th and 6th semesters (Third Year) B Tech (CBCS) for all the branches, applicable for 2019-20 (Admission) Batch. (Total 176 credits)

Proceedings 16.01:

- CE349-Theory of Computation need to be introduced in 5th semester
- CE352-Computer Networks need to be introduced in 5th semester with Kurose as additional textbook.
- SDN subject can be offered as an elective subject. Futuristic courses can be introduced and offered to the students as an elective subject.
- CE343-Software Engineering need to be introduced 6th semester.
- CE342-Design & Analysis of Algorithms need to introduced in 6th semester.
- Under Programme Elective – I; need to be changed cluster of subjects and revised the name of each subject.
- Under Programme Elective – II; suggested to introduce new course cognitive science.

Resolutions 16.01:

- **Note:** Teaching and Examination Scheme along with syllabus of CBCS B.Tech Third Year (E.F A.Y 2021-22) (Batch-2019) is attached herewith as an Annexure-I.

Item 16.02: For Discussion and Approval;

To review and approve the Teaching and Examination schemes of 7th and 8th semesters (Fourth Year) B Tech (CBCS) for all the branches, applicable for 2018-19 (Admission) Batch.

Note: Only Programme Elective-III credit is changes (from 4 to 3). Teaching and Examination Scheme along with syllabus of CBCS B.Tech Final Year (E.F A.Y 2021-22) (Batch-2018) is attached herewith as an Annexure-II.

Item 16.03: For Discussion and Approval;

To review and approve the updated Teaching and Examination schemes of B Tech (CBCS) courses and detailed syllabus of 1st year applicable for 2020-21 (Admission) Batch. This agenda is to discuss revision of Physics and Mathematics courses in 1st and 2nd semesters B.Tech.

Proceedings 16.03:

- Member suggested PY142= Engineering Physics – I need to be renamed as applied physics or Engineering Physics.
- PY143- Engineering Physics – II need to be renamed as Basics of Mechanics
- Suggested to rename all mathematics courses.

Resolutions 16.03:

Note: Teaching and Examination Scheme along with syllabus of CBCS B.Tech First Year (E.F A.Y 2020-21) (Batch-2020) is attached herewith as an Annexure-III

Item 16.04: For Discussion and Approval;

Approval of Online M Tech courses planned by the individual departments.

Proceedings 16.04:

- Online Teaching and Examination scheme of M.Tech (E.F A.Y 2020-21) Batch 2020 with detailed syllabus were presented to the board members

Resolutions 16.04:

- Online Teaching and Examination scheme had been approved for M.Tech (E.F A.Y 2020-21) Batch 2020 with detailed syllabus.

Note Note: Teaching and Examination Scheme along with syllabus of CBCS B.Tech First Year (E.F A.Y 2020-21) (Batch-2020) is attached herewith as an Annexure-IV

Item 16.05: For Discussion and Approval;

Additional item(s) other than syllabus to be reviewed during BOS:

Analysis and discussion on the semester end result of the students and steps taken for the remedial actions. Analysis of campus placement and discussion of related activities to enhance them further. Quality of Inputs and Admission Scenario, Remedial Coaching, Quality of M Tech Dissertations, Industry Exposure etc.

Proceedings 16.05:

- Placement process is extremely successful. Introduced recruitment policy of better carrier option for students. Introduced new company like Amazon, Capgemini. Digital offer. Digital offer of 7 lakhs been given by TCS through CodeVita.
- The overall aim is to increase the learning level of the 'average student' and 'poor student' in class. Exam is designed to test the learning at all the levels of the revised Bloom's taxonomy, which divided the original Bloom's taxonomy into a knowledge dimension (factual, procedural, conceptual and metacognitive) and a cognitive process dimension (remember, understand, apply, analyse, evaluate, create)

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

Dr. Ritesh Patel
HOD, CE Dept. – CSPIT

Dweepna Garg
I/C HOD, CE Dept. - DEPSTAR