



ACTION TAKEN REPORT

SCHOOL OF COMPUTING

Academic Year 2021-2022 to 2017-2018



DIT UNIVERSITY

Mussoorie Diversion Road Dehradun, Uttarakhand-248009

Action Taken Report 2021-22
School of Computing

Recommendation 1	The BOS considered the proposal and appreciated for the introduction of FFCBCS model-based B. Tech program in Computer and Communication Engineering for undergraduate program. After the detail discussion and deliberation on the presented structure and syllabi, the BOS gave the recommendation for the same.		
Action Taken		Responsibility	Target Date
The Council took note of the recommendations of the Undergraduate Program Committee and recommend this program and added an elective course on Coding Theory in the elective basket. The Council approved the same. Afterward, with due approval from academic council the decision was put into action.		Chairman, BOS	Jun-21
Recommendation 2	The BOS discussed the changes in post graduate program structure and suggested to introduced new core and elective courses in different specializations of (a) AI, ML and Robotics, (b) IoT (c) Data Science and Engineering and (d) Computer Vision and biometrics. The Board discussed at length whether the program title should include the specialization.		
Action Taken		Responsibility	Target Date
The Committee took note of the recommendations of the Board that the degree Title should be stay the same: M. Tech in Computer Science and Engineering and separate certificate in respective specialization be awarded to graduating students. The board also recommended that whatever required, M. Tech level elective courses may also be jointly offered to final year B. Tech students and approved the same. Afterward, with due approval from academic council the decision was put into action.		Chairman, BOS	Jun-21
Recommendation 3	The BOS considered the proposal and suggested to introduced new postgraduate diploma programs in (a) artificial Intelligence and Machine learning and (b)Data Science and Analytics.		



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	The board deliberated on the post graduate diploma programs, their program structures, and contents. The board appreciated the idea of introduction of post graduate diploma program for wider group of application from various disciplines.		
	Action Taken	Responsibility	Target Date
	The Council took note of the recommendations of the Board and approve these programs and accepted the advice relevant to given two PG codes to (a)Python Programming and (b) Probability and statistics. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	Jun-21
Recommendation 4	The BOS discussed on the Capstone Project documents and appreciated its structure and modes of operation.		
	Action Taken	Responsibility	Target Date
	The Council approved the introduction of the comprehensive structure of the Capstone Project. The council appreciated that the project covers all modes of student projects in the final semester. The council also agreed that whatever required, especially for the students who will pursue the Capstone project in Mode B as industry internship, suitable project demos may also be made by the students along with their project presentation. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	Jun-21



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Action Taken Report 2020-21
School of Computing
(Computer Science Engineering)

Recommendation 1	<p>Points mentioned in 13.2 were presented in detail to the BoS Committee. Analysis with respect to Feedback was presented and based on which the need of implementing new Course Structure (FFCBCS) was emphasized. It was also noted that the department mission, Vision and PSO, PEO plays a major role in keeping the measures abreast, so these were also presented in the BoS. An overview to the previous discussions about FFCBCS were also presented. It was emphasized that the same was presented and recommended with updations at the DAAC, and UG Committee level.</p> <p>It was also presented before BoS, the mapping of PEO with Departmental Mission, process of evaluation towards attainment of PO, PSO and CO. Further it was discussed that by using a soft ware “IonCudos”, how the attainment was done for last session. The further discussion was towards, FFCBCS with respect to Stake holders Feedback, Course Articulation Matrix and inclusion of Content beyond syllabus.</p> <p>BoS committee appreciated above points, specially the stake holder’s feedback and the mapping part. The committee gave its recommendations for the above discussed points.</p>				
Action Taken	<table border="1"> <thead> <tr> <th data-bbox="954 1155 1177 1193">Responsibility</th> <th data-bbox="1177 1155 1396 1193">Target Date</th> </tr> </thead> <tbody> <tr> <td data-bbox="954 1193 1177 1525">Chairman, BOS</td> <td data-bbox="1177 1193 1396 1525">Jun-20</td> </tr> </tbody> </table>	Responsibility	Target Date	Chairman, BOS	Jun-20
Responsibility	Target Date				
Chairman, BOS	Jun-20				
Recommendation 2	<p>The BOS considered the proposal and appreciated for the introduction of fully flexible choice based credit system (FFCBCS) from session 2020 onwards for undergraduate program. After the detail discussion and deliberation on the presented structure and syllabi, the BOS gave the recommendation for the same.</p>				
Action Taken	<table border="1"> <thead> <tr> <th data-bbox="954 1738 1177 1776">Responsibility</th> <th data-bbox="1177 1738 1396 1776">Target Date</th> </tr> </thead> <tbody> <tr> <td data-bbox="954 1776 1177 1993">Chairman, BOS</td> <td data-bbox="1177 1776 1396 1993">Jun-20</td> </tr> </tbody> </table>	Responsibility	Target Date	Chairman, BOS	Jun-20
Responsibility	Target Date				
Chairman, BOS	Jun-20				



Recommendation 3	The inclusion of additional subject recommended by UGC title “Research and Publication Ethics” is discussed in the BOS and members agreed for this amendment for Ph.D. in course work and gave the recommendation that after including this course and additional compulsory subject, the research scholar will have to earn 15 credit during their course work from the academic session 2020 onwards.	
Action Taken	Responsibility	Target Date
<p>The Council took note of the recommendations of the Board of Research made in its 12th Meeting including proposed amendments in the Academic Ordinances for the Ph.D. Programs and list of Ph.D. Guides for 2020-21 [Annexure 14.7.2] and approved the same. Afterward, with due approval from academic council the decision was put into action.</p> <p>The Chairperson also informed the Council about the Public Notice issued by the UGC dated 20th April 2020 regarding self-plagiarism [Annexure 14.7.3] and sought the approval of Academic Council to implement the same in DIT University All members agreed to the same. Afterward, with due approval from academic council the decision was put into action.</p>	Chairman, BOS	Jun-20
Recommendation 4	The BOS considered the matter and given its recommendation. The BOS consider the suggestion suggested by Chairman BOS regarding credit distribution for in house training for 2.5 months for the batch 2016-20. After detailed discussion the BOS gave the recommendations for implementing the same.	
Action Taken	Responsibility	Target Date
<p>The Council approved the Minutes of Meetings & Recommendations of BOS with regard to the introduction of FFCBCS in the Course Structure w.e.f. Session 2020-21 as given in the Annexure. Afterward, with due approval from academic council the decision was put into action.</p>	Chairman, BOS	Jun-20



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Recommendation 5	The BOS considered the course structures presented by the chairman BOS and after detailed discussion among the members, the BE recommended on proposed scheme.	
Action Taken	Responsibility	Target Date
The Council noted the list of experts for faculty recruitment and RDC. The members suggested that the list of experts for faculty recruitment and Research Board must be at the level of Professor. They should be drawn from premier Universities/Institutions. It was recommended to BoM & BoG. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	Jun-20
Recommendation 6	The BOS consider the syllabi presented by the HOD CSE for the department of Humanities & Liberal Arts and gave recommendations for the same.	
Action Taken	Responsibility	Target Date
The Committee took note of the recommendations and approved the same. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	Jun-20



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Action Taken Report 2020-21
School of Computing
(IT)

Recommendation 1	<p>Points mentioned in 13.2 were presented in detail to the BoS Committee. Analysis with respect to Feedback was presented and based on which the need of implementing new Course Structure (FFCBCS) was emphasized. It was also noted that the department Mission, Vision and PSO, PEO plays a major role in keeping the measures abreast, so these were also presented in the BoS. An overview to the previous discussions about FFCBCS were also presented. It was emphasized that the same was presented and recommended with updations at the DAAC, and UG Committee level.</p> <p>It was also presented before BoS, the mapping of PEO with Departmental Mission, process of evaluation towards attainment of PO, PSO and CO. Further it was discussed that by using a software “IonCudos”, how the attainment was done for last session. The further discussion was towards, FFCBCS with respect to Stake holders Feedback, Course Articulation Matrix and inclusion of Content beyond syllabus.</p> <p>BoS committee appreciated above points, specially the stake holder’s feedback and the mapping part. The committee gave its recommendations for the above discussed points.</p>	
Action Taken	Responsibility	Target Date
The Committee took note of the recommendations and approved the same. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	Jun-20
Recommendation 2	<p>The BOS considered the proposal and appreciated for the introduction of fully flexible choice based credit system (FFCBCS) from session 2020 onwards for undergraduate program. After the detailed discussion and deliberation on the presented structure and syllabi, the BOS gave the recommendations for the same.</p>	
Action Taken	Responsibility	Target Date
The Committee took note of the recommendations and approved the same. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	Jun-20

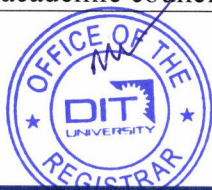


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DIT University, Dehradun



Action Taken Report 2020-21
School of Computing
(Computer Application)

Recommendation 1	Points mentioned in 10.2 were presented in detail to the BoS Committee. Analysis with respect to Feedback was presented and based on which the need of implementing new Course Structure (FFCBCS) was emphasized. It was also noted that the department Mission, Vision and PSO, PEO plays a major role in keeping the measures abreast, so these were also presented in the BoS. An overview to the previous discussions about FFCBCS were also presented. It was emphasized that the same was presented and recommended with updations at the DAAC, and UG Committee level.		
Action Taken		Responsibility	Target Date
The Committee took note of the recommendations and approved the same. Afterward, with due approval from academic council the decision was put into action.		Chairman, BOS	Jun-20
Recommendation 2	The BOS considered the proposal and appreciated for the introduction of fully flexible choice based credit system (FFCBCS) from session 2020 onwards for undergraduate program. After the detail discussion and deliberation on the presented structure and syllabi, the BOS gave the recommendation for the same.		
Action Taken		Responsibility	Target Date
The Committee took note of the recommendations and approved the same.		Chairman, BOS	Jun-20
Recommendation 3	The inclusion of additional subject recommended by UGC title "Research and Publication Ethics" is discussed in the BOS and members agreed for this amendment for Ph.D. in course work and gave the recommendation that after including this course and additional compulsory subject, the research scholar will have to earn 15 credit during their course work from the academic session 2020 onwards.		
Action Taken		Responsibility	Target Date
The Committee took note of the recommendations and approved the same. Afterward, with due approval from academic council the decision was put into action.		Chairman, BOS	Jun-20
Recommendation 4	The BOS considered the matter and given its recommendation. The BOS consider the suggestion suggested by Chairman BOS regarding credit distribution for in house training for 2.5 months for the batch 2016-20. After detailed discussion the BOS gave the recommendations for implementing the same.		
Action Taken		Responsibility	Target Date
The Committee took note of the recommendations and approved the same. Afterward, with due approval from academic council the decision was put into action.		Chairman, BOS	Jun-20



Recommendation 5	The BOS considered the course structures presented by the chairman BOS and after detailed discussion among the members, the BOS recommended on proposed scheme.	
Action Taken	Responsibility	Target Date
The Committee took note of the recommendations and approved the same. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	Jun-20
Recommendation 6	The BOS consider the syllabi presented by the HOD CSE for the department of Humanities & Liberal Arts and gave recommendations for the same.	
Action Taken	Responsibility	Target Date
The Committee took note of the recommendations and approved the same. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	Jun-20



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Action Taken Report 2019-20
School of Computing
(Computer Science Engineering)


Recommendation 1	The detailed program structures and syllabi of the courses to be offered in the different years of the B. Tech, Computer Science Engineering program were discussed. After detailed deliberations, the following changes were suggested: i. Feedback system from all stakeholders. ii. Implementation of FFCBCS system at different platforms. iii. Process of evaluation of attainment of POs, PSOs, and COs. iv. Program and course articulation matrix for new curriculum.	
Action Taken	Responsibility	Target Date
The Board took note of the above suggestions and resolved to recommend the same to the Academic Council for the approval of the feedback system, implementation of FFCBCS system, evaluation of attainment of POs, PSOs, and Cos and Program and course articulation matrix for new curriculum. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	June 2019
Recommendation 2	The course structures and syllabi of the course works to be assigned to the Ph.D. students of the Department were discussed in detail. The Board also took note of the following suggestions of the external experts: i. Addition of two credit course for awareness about publication ethics and publication misconducts entitled “Research and Publication Ethics”. ii. Addition of new subject, the total credits to be earned by the Ph.D. research scholar during their course work will be 15 credits.	
Action Taken	Responsibility	Target Date
The Board approved the course structure and syllabi of the proposed course works and resolved to recommend the same to the Academic Council for approval of above-mentioned recommendations. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	June 2019
Recommendation 3	Amendment in the credits of batch 2016-20 for the students of B. Tech CSE and B. Tech CSE IBM. i. The students who have gone for internship are required to continue their project phase-III to earn remaining 8 credits to complete their 8th semester credits requirement.	
Action Taken	Responsibility	Target Date
The Board took note of the above suggestions and approved the shifting of project phase I from semester 6th to semester 5th, so that phase III must be completed in	Chairman, BOS	June 2019



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semester 7th. Afterward, with due approval from academic council the decision was put into action.			
Recommendation 4	It is recommended to shift the Microprocessor (EE207) course from 2 nd basket of elective to 1 st basket of elective for program B. Tech CSE with specialization in BDA and CSF from 2018-22 batches onwards.		
Action Taken		Responsibility	Target Date
The Board took note of the above suggestions and resolved to recommend the same to the Academic Council for the approval of the revised program structure and syllabi of program B. Tech CSE with specialization in BDA and CSF from 2018-22 batches onwards. Afterward, with due approval from academic council the decision was put into action.		Chairman, BOS	June 2019
Recommendation 5	Addition of the following course offered by CSE in the Department of Humanities & Liberal arts. i. Fundamentals of Computer and C languages (2-0-2). ii. Introduction to DBMS (2-0-2)		
Action Taken		Responsibility	Target Date
The Board took note of the above suggestions and resolved to recommend the same to the Academic Council for the approval of the revised program structure and syllabi in the Department of Humanities & Liberal arts. Afterward, with due approval from academic council the decision was put into action.		Chairman, BOS	June 2019




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DIT University, Dehradun

Action Taken Report 2019-20
School of Computing
(Information Technology)

Recommendation 1	<ol style="list-style-type: none"> 1. To consider and approve the course structure for B.Tech. IT programs 2017-21 batch for 3rd year courses in CBCS system. (Item No. 8.1) 2. Scheme for 3rd year, 5th & 6th Semester for B.Tech. IT is to be discussed and approved. (Item No. 8.1.1) <ol style="list-style-type: none"> i) In course scheme of 5th & 6th semester Elective Subject Choices should be increased for betterment of the student. <ol style="list-style-type: none"> a) 5th semester has three compulsory and two elective baskets, one HU elective and Study Project. b) 6th semester has one compulsory and three elective baskets, one open elective and Project. 	
Action Taken	Responsibility	Target Date
The Board took note of the above suggestions and resolved to recommend the same to the Academic Council for the approval of CBCS program w.e.f. the academic year 2019-20 and approved the program structure and syllabi of the program with a suggestion that contact hours of non-credit courses should be counted towards total contact hours of the program. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	June 2019
Recommendation 2	<p>Syllabus of each subject for 3rd year, 5th & 6th Semester for B Tech IT is to be discussed and approve, with suggestion for improvement if any. (Item No. 8.1.2)</p> <ol style="list-style-type: none"> i) IT312 Web Systems and Technologies, which is introduced as compulsory subject in 5th semester and some new elective subjects such as IT345 R Programming, IT347 Machine Learning etc. syllabus was discussed with special importance. ii) Python programming needs to be added as elective subject for 2018 or 2019 batch. iii) Statistical Learning subject IT355. introduced as department elective in 6th semester, needs to make simple and light like it should cover only to Regression, logistic anal discriminant analysis. 	
Action Taken	Responsibility	Target Date
The Board recommended the course structure and syllabi of the proposed course works and resolved to recommend the same to the Academic Council for approval. The board took note of the external experts' suggestion and decided to consider the same for the forthcoming academic year 2019-20. Afterward, with	Chairman, BOS	June 2019



due approval from academic council the decision was put into action.		
Recommendation 3	<ol style="list-style-type: none"> 1. To consider and approve the course structure for B.Tech. IT program 2017-21 batch for 4th year courses. (Item No. 8.2) 2. Course Scheme for 4th year, 7th & 8th semester for B Tech. IT is to be discussed and approve, with suggestion for improvement if any. (Item No. 8.2.1) <ol style="list-style-type: none"> i) The Bigdata Analytics subject in introduced in IT department in 7th semester as core subject but in CSE department in 6th semester as elective, but codes are different, therefore, it may be same, but code credits are different. ii) 7th semester has one compulsory and two department electives basket, One open elective, one HU elective and Project iii) 8th semester has two department electives basket, one open elective and one HU elective or industrial Project 5. 	
Action Taken	Responsibility	Target Date
The Board took note of the above suggestions and give their recommendation for approval to the Academic Council where it was approved. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	June 2019
Recommendation 4	<ol style="list-style-type: none"> 1. Syllabus of each subject for 4th year, 7th & 8th Semester for B. Tech IT is to be discussed and approved, with suggestion for improvement if any. (Item No 8.2.2) <ol style="list-style-type: none"> i) Want to change in the subjects of elective buckets, like department has introduced deep learning IT411. ii) 8th semester was earlier theoretical but now wants to introduce some practical. Such as IT461 Distributed system, IT462 Computer Vision and Robotics etc. <p>IT in business IT464 suggested to be removed as this course is obsolete. In place of that R programming and Python Programming needs to be introduced as department elective and can be offered as Open Elective needs to be decided by centralized university committee for 2019 batch.</p>	
Action Taken	Responsibility	Target Date
The Board took note of the above suggestions and give their recommendation for approval to the Academic Council where it was approved. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	June 2019




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DIT University, Dehradun

Action Taken Report 2019-20
School of Computing
(Computer Application)

Recommendation 1	Detailed deliberation of syllabi of the Artificial Intelligence (CA718) as core course in IV semester of MCA (LE) program. (Item No. 8.2)		
Action Taken	Responsibility	Target Date	
The Board took note of the above suggestions and resolved to recommend the same to the Academic Council for the approval of the syllabi of course Artificial Intelligence (CA718) (Annexure—8.2.1) offered in IV Semester of MCA program and approved the same with minor suggestions to be incorporated in syllabi. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	June 2019	
Recommendation 2	To consider and approve syllabus for the course Advanced Software Engineering (CA751) introduced in Elective basket —II of IV semester. (Item No. 8.3).		
Action Taken	Responsibility	Target Date	
The Board recommended the syllabi of course Advanced Software Engineering (CA751 (Annexure—8.3.1) offered in Elective basket-II of IV Semester of MCA Program to Academic council for approval the same to be incorporated in the syllabi. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	June 2019	
Recommendation 3	To consider and approve the shifting of courses from elective baskets of V semester of MCA (LE) program to IV semester elective basket-I. (Item No. 8.4) i) Operation research (CA749) ii) Real Time and Embeded systems (CA750)		
Action Taken	Responsibility	Target Date	
The Board took note of the above suggestions and gave their recommendation for approval to the Academic Council where it was approved. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	June 2019	
Recommendation 4	To consider and approve syllabus for the new cour59S introduced as electives in V Sem of the MCA(LE) program that will make the course more advance and will meet the market trends. (Item No 8.5)		



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	i) Internet of Things (CA865) ii) Machine Learning (CA866)	
Action Taken	Responsibility	Target Date
The Board took note of the above suggestions and gave their recommendation for approval to the Academic Council where it was approved. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	June 2019
Recommendation 5	To consider and approve the syllabus of the course .Net Technologies (CA219) in the IV semester of BCA program will meet the market trends. Net is obsolete now a days, so C# has been introduced.	
Action Taken	Responsibility	Target Date
The BOS considered the syllabi of course .Net Technologies (CA219) (Annexure —8.6.1) offered in IV Semester of BCA program with following suggestion that it would be beneficial to be introduced for 2018 batch students also, but the syllabus of 2018 batch was already approved so it would be applicable for 2019 batch. The same is approved to be incorporated in the syllabi by the Academic Council. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	June 2019
Recommendation 6	Any other item with the permission of the chair. The credit of tutorials has been updated to 1 instead of 0.5 in course structure and syllabi of MCA BCA, BCA (ADC) program. (Item No. 8.7)	
Action Taken	Responsibility	Target Date
The BOS considered the course Structure and syllabi of MCA, BCA, BCA (ADC) program and approved the same to be incorporated. The Board further resolved to recommend the same to the Chairman UG/PG Academic committee for its approval. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	June 2019



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Action Taken Report 2018-19
School of Computing
(Computer Science Engineering)

Recommendation 1	From session 2018 onwards existing non CBCS scheme should be converted into choice-based credit system. The implementation of the revised scheme should be done for existing 2017-21 batch from 2 nd year onwards and for newly admitted students' session 2018-22 onwards. (Item no 1.A.1 to 1.A.6) &. (Item no 3.A, 3.B, 3.C). The revised course structure & syllabi for CBCS scheme for the following programs may be introduced as given below.	
	<ol style="list-style-type: none"> 1. B. Tech. CSE 2. B.Tech. CSE (with specialization in Machine Learning) 3. B.Tech. CSE (with specialization in Cloud Computing & Virtualization) in collaboration with IBM. 4. B.Tech. CSE (with specialization in Big Data Analytics) in collaboration with IBM_ 5. B.Tech. CSE (with specialization in Cyber Security & Forensics) in collaboration with IBM. 6. B.Tech. CSE (with specialization in internet of Things) in collaboration with IBM. 7. B.Tech. CSE (with specialization in DBA & BI) in collaboration with Oracle. 	
Action Taken	Responsibility	Target Date
Members appreciated the initiative taken by the university for giving the flexibility to students in the curriculum for their area of interest. The board unanimously gave the approval for the same. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	July 2018
Recommendation 2	The MOOC /NPTEL courses in the form of non-credit course should be added as an elective in all B. Tech programs. (Item no 7.4)	
Action Taken	Responsibility	Target Date
The proposal discussed in the BOS and board approve the suggested incorporation in the existing structure. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	July 2018
Recommendation 3	For consideration and approval of the syllabi of courses for 4 th semester (being introduced by IBM) for the following B. Tech. — CSE programs being conducted in collaboration with IBM for 2017-21 and 2018-22 batches.	
	<ol style="list-style-type: none"> i) Cloud Foundations (3-0-0) for B.Tech. CSE-CCV (Cloud Computing & Virtualization) ii) Analytics Foundation (3-0-0) for B.Tech. CSE-BDA (Big Data Analytics) 	



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	<p>iii) Security Foundation (3-0-0) for B.Tech. CSE — CSF (Cyber Security & Forensics)</p> <p>iv) IOT Foundations (3-0-0) for B.Tech. CSE – IOT (Internet of Things) (item no 10.1.1 to 10.1.4) & (item no 10 1.A to 10.1.D)</p>		
Action Taken		Responsibility	Target Date
<p>The proposal was discussed in the BOS and the BOS considered the syllabi of courses for the above programs and approved the same with the suggestion that all the mentioned subjects are lab-oriented course, therefore the course should be taught with (2-0-2) scheme instead of (3-0-0). It was agreed that this suggestion must be incorporated for 2018-22 batches for all IBM collaborative programs running by the CSE department. Afterward, with due approval from academic council the decision was put into action.</p>		Chairman, BOS	July 2018
Recommendation 4	<p>It is recommended to shift the Microprocessor (EE207) course from 2nd basket of elective to 1st basket of elective for program B. Tech CSE with specialization in BDA and CSF from 2018-22 batches onwards.</p>		
Action Taken		Responsibility	Target Date
<p>The Board took note of the above suggestions and resolved to recommend the same to the Academic Council for the approval of the revised program structure and syllabi of program B. Tech CSE with specialization in BDA and CSF from 2018-22 batches onwards. Afterward, with due approval from academic council the decision was put into action.</p>		Chairman, BOS	July 2018



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Action Taken Report 2018-19

School of Computing (Information Technology)

Recommendation 1	<ol style="list-style-type: none"> 1. Semester wise review of course structure (Credits of subject Humanities core & Elective, Engineering core, Department core & Audit non- credit courses). (Item no. 4.1.1) 2. Consideration and approval of Syllabus of "Basics of Information Technology" with course structure 1-0-2, for Diploma course. (Item no. 4.4) 3. First year of all branches of DITU will be having same subjects of Humanity core, Science core, Engineering core (Item no. 4.1.2) 	
Action Taken	Responsibility	Target Date
Semester wise Review of course structure has been done and Responsibility approved. BOS members suggested for reducing the syllabus so that can be covered in 15 lectures. Suggestion implemented. Course structure of V year of IT which is same as of all branches of DITU is approved. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	July 2018
Recommendation 2	<ol style="list-style-type: none"> 1. Replacing the subject Building Enterprise applications (IA6010) with Introduction to System Software (IA7610) for the batch 2016-20 in 6th Sem. with new code 1A6020 and structure 3-1-0. It's already approved syllabus, was part of elective bucket, IA7610 will be removed from the elective bucket of 7th Sem. for the same batch. (Item no. 7.2). 2. In CBCS scheme for 2017-21, 2018-22 batches and onwards batches too, a change may be introduced with following the updated course structure of CSE Department for BTech-CSE program; that is probability and statistics of 3rd Sem will be interchanged with DBMS of 4th Sem. (Item no. 7.3) 	
Action Taken	Responsibility	Target Date
BOS members accepted and approved with the base that the subject "Introduction to System Software" will be very useful for various competitive examinations. BOS members accepted and approved. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	July 2018



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Action Taken Report 2018-19

**School of Computing
(Computer Application)**

Recommendation 1	1. The course Advanced Web Applications (CA707) may be removed from MCA 2nd Years (3rd Semester) Syllabi (Item no. 6.4) 2. Present Syllabus of Computer Organization (CA114) includes the topics of Microprocessor 8086 which may be removed, and proper sequencing of course should be done (Item no. 6.5.1).	
Action Taken	Responsibility	Target Date
BOS members accepted and approved for the removal of Advanced Web Applications (CA707) and Computer Organization (CA114), also the revision of syllabi. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	July 2018




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Action Taken Report 2017-18
School of Computing
(Computer Science Engineering)

Recommendation 1	A new program has recommended on B. Tech CSE with specialization in Machine Learning should started from session 2017 onwards. (Item no 7.1)		
Action Taken	Responsibility	Target Date	
The matter was considered in the BOS and after detail discussion and deliberations members was agreed to start the new program B. Tech CSE with specialization in Machine Learning should started from session 2017 onwards. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	July 2017	
Recommendation 2	Some topics such as Introduction to query, SOAP, WSDL, AJAX and AJAX application has been proposed to be removed. In that place other topics such as MySQL, PHP, DBMS connectives, Server-side scripting, Protocol Stack and Introduction to Web Services has been proposed to be introduced. (Item no 7.5). A minor Syllabus changes in Algorithms: Analysis and Design DA5210, DOT net Technologies DA6220 and Artificial Intelligence DA5230.		
Action Taken	Responsibility	Target Date	
The proposal was discussed in the BOS and accepted with modification that AJAX & AJAX application been important topic may not be removed from the syllabus. The proposal was discussed in the BOS and accepted with modification of syllabus changes in Algorithms: Analysis and Design DA5210, DOT net Technologies DA6220 and Artificial Intelligence DA5230. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	July 2017	
Recommendation 3	The topic on connectivity model and Java Beans has been proposed to be replaced by Networking & LIB fundamentals, Struts and Hibernate from the Advance Java Programming. (Item no 7.7).		
Action Taken	Responsibility	Target Date	
The proposal was discussed in the BOS and accepted with modification. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	July 2017	



[Signature]
Head of Department
School of Computing
DIT University, Dehradun

Action Taken Report 2017-18
School of Computing
(Information Technology)

Recommendation 1	<ol style="list-style-type: none"> 1. Open Elective subject "IT in Business" syllabus up-gradation. (Item no. 5.1.1) 2. Introducing new open elective titled "Internet of Things", of IT Dept. in place of Multimedia Technologies (IA8710) (Item no. 5.1.2) 3. To update the syllabus of Advance Web Technology (IA7220). (Item no. 5.1.3) 4. A minor Syllabus changes in Cloud Computing IA7211, DOT net Technologies DA6220 and Introduction to System Software IA6020. 	
Action Taken	Responsibility	Target Date
<p>Syllabus upgraded with introduction part of software tools Responsibility like SPSS (and other Free and Open-source software) used for data analysis. Some lectures itself have been added for few lab sessions as open elective subjects are having structure 3-0-0 for all the departments.</p> <p>Finally, the proposal was accepted with all proposed modifications in the syllabus and additional contents as suggested by BOS committee. With this the proposal was accepted by BIDS committee with additional suggested contents like some IOT related open-source software tools in syllabus like IoTivity, IBM Blue Mix. Introduction to Contiki, Cooja, Raspberry Pi etc. Updated proposed syllabus was approved by BOS committee with addition of a topic: Cross platform mobile Apps development using free tools available like "Xamarin" or any other.</p> <p>The proposal was discussed in the BOS and accepted with modification of syllabus changes in Cloud Computing IA7211, DOT net Technologies DA6220 and Introduction to System Software IA6020.</p> <p>Afterward, with due approval from academic council the decision was put into action.</p>	Chairman, BOS	July 2017




 Head of Department
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Action Taken Report 2017-18
School of Computing
(Computer Application)

<p>Recommendation 1</p>	<p>To introduce new course structure and the syllabi of the courses offered for PhD (CS) program (Item No 7.2)</p> <ul style="list-style-type: none"> • Detailed deliberation of course structure and the syllabi of the courses offered for PhD program in Computer Science of department of Computer Applications was proposed and discussed at length with internal and external experts. It was approved by the members with minor suggestions (Annexure-1). • New course code has to be given to PhD courses according to the university scheme was proposed and approved. • Course structure and scheme of evaluation for the PhD courses was suggested to be altered to 4-0-0 (L-T-P) and it was agreed that this suggestion will be incorporated • Apart from the introduced choices of PhD courses, new PhD courses has to be tailor-made to suit and facilitate research work for candidate. • Approval of MOOC/NPTEL courses as an elective course in MCA 5th semester of MCA (2017-19) curriculum was proposed for 12 weeks (30 Hrs.) NPTEL courses was chosen within three elective baskets. (Item No 7.4) 	
<p>Action Taken</p> <p>The Board further resolved to recommend the same to the UG/PG Academic committee for its approval. Afterward, with due approval from academic council the decision was put into action.</p>	<p>Responsibility</p> <p>Chairman, BOS</p>	<p>Target Date</p> <p>July 2017</p>
<p>Recommendation 2</p>	<ol style="list-style-type: none"> 1. To introduce Artificial Intelligence (CA718) as core course in IV semester of MCA (LE) program, (Item No 8.2). 2. To consider and approve syllabus for the course Advanced Software Engineering (CA751) introduced in Elective basket —II of IV semester. (Item No 8.3) 3. To consider and approve the shifting of courses from elective baskets of V semester of MCA (LE) program to IV semester elective basket -I. (Item No 8.4) <ol style="list-style-type: none"> i) Operation research (CA749) ii) Real Time and Embedded systems (CA750) 4. To consider and approve syllabi for the new courses introduced as electives in V Sem of the MCA (LE) program that will make the course more advance and will meet the market trends. (Item No 8.5) <ol style="list-style-type: none"> i) Internet of Things (CA865) 	



	<p>ii) Machine Learning (CA866)</p> <p>5. To consider and approve the syllabus of the course Net Technologies (CA 219) in the IV semester of BCA program will meet the market trends as VB. Net is obsolete now a days so C# has been introduced.</p> <p>The course .Net Technologies (CA 219) offered in IV Semester of BCA program with following suggestion that it would be beneficial to be introduced for 2018 batch students. The syllabus of 2018 batch was already approved so it would be applicable for 2019 batch. (Item No 8.6)</p> <p>6. The credit of tutorials has been updated to 1 instead of 0.5 in course structure and syllabi of MCA, BCA, BCA (ADC) program. (Item No 8.7)</p>	
Action Taken	Responsibility	Target Date
The Board further resolved to recommend the same to the UG/PG Academic committee for its approval. Afterward, with due approval from academic council the decision was put into action.	Chairman, BOS	July 2017




Head of Department
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