

COLLEGE OF COMPUTING SCIENCES AND INFORMATION TECHNOLOGY
TEERTHANKER MAHAVEER UNIVERSITY
DELHI ROAD, MORADABAD
Minutes of Meeting
Board of Studies

Date:	19 th January, 2019
Time:	11:00 AM – 1:00 PM
Venue:	Principal Office, CCSIT
Agenda:	<p>To discuss and elaborate the agenda circulated on 16/01/19 with reference number TMU/CCSIT/CRC18-19/EVEN/01:</p> <ul style="list-style-type: none"> To address the issues of Core/Non-Core and credit balancing as raised in Academic Council for the syllabus of session 2018-19 Discussion of the proposed syllabus for the programs commencing from session 2019-20 <ol style="list-style-type: none"> BCA- specialization in Data Science (in collaboration with i-Nurture) B.Tech (CSE)- Artificial Intelligence (in collaboration with i-Nurture) Unification of IBM program from two streams to one stream i.e. B.Tech(CSE) with specialization in Application Development using Cloud and Analytics Platforms(In association with IBM) Initiating the choice-based credit system (CBCS) based course structure for all programs running in CCSIT Approval of research plan presented by Rohaila Naaz and Vineet Saxena

The points discussed and covered in the meeting are as follows:

- Mr. Pramod Vishwakarma, i-Nurture, B.Tech. Program-Coordinator presented the proposed syllabi of B.Tech. (AI) programs w.e.f. 2019-20.

Program Name	Bachelor of Technology (B.Tech.) with specialization in Artificial Intelligence from i-Nurture
Suggestions/Corrections:	
1.	In mandatory category (MC), Environmental Studies should be included, and credit has to be given as per TMU credit norms.
2.	Humanity & Social Science (HSS) category has to be enhanced.
3.	Non-Credit/Audit category has to be created.
4.	Mandatory courses should be between first to forth semester.
5.	Overall subject classification category should be relooked.
6.	Information security (ICS 406), Cloud Computing (ICS 407), Internet of Things (ICS 408) should be specified in core category.
7.	Genetic Algorithm & Applications (ICS 502) required to be moved in sixth semester.
8.	Digital signal Processing (ICS 504) & Digital signal Processing-lab (ICS 552) should be removed.
9.	Digital Image Processing (ICS 508) must be core paper along with its lab.
10.	Signal & Systems (ICS 506) is not required and it must be removed.



11.	Computer Graphics (ICS 507) should be shifted in previous semester.
12.	R programming (ICS 403) must be shifted either in 5 th or in 6 th semester.
13.	In 6 th semester, elective III has to be relooked. It may be a core category.
14.	In 6 th semester, Client-side scripting & server side scripting has to be combined and open elective (OE) has to be replaced with departmental elective (DE).
15.	Learning outcome has to be mentioned for each and every paper.
16.	Pre-requisite courses has to be introduce in earlier semester and specialization programs has to be mentioned in later semester.
17.	Practice based learning has to be enhanced.
18.	Latest trends in IOT (ICS 804) and industrial automation using sensors, actuators and PCL (ICS 806) has to be relooked content-wise.
19.	The credits of Basic Science (BS), Engineering Science (ES), Humanity & Social Science (HSS), Core, Discipline Elective (DE), Open Elective (OE), Skill Enhancement Course (SEC), Mandatory Course (MC) has to be followed as per the UGC/AICTE guidelines.

2. Mr. Praful Saxena, i-Nurture, B.C.A. Program-Coordinator presented the proposed syllabi of B.C.A. (Data Science) programs w.e.f. 2019-20.

Program Name	Bachelor of Computer Applications (B.C.A) with specialization in Data Science from i-Nurture
Suggestions/Corrections:	
1.	In operating lab (IDS 152), system configuration, Unix system administration and shell scripting should be the part of lab also.
2.	Data Structure & Algorithm (IDS 204) must have lab and relevant part of C has to be removed.
3.	Exploratory Data Analysis (IDS 303) should be shifted in 4 th semester.
4.	Big Data Analysis (IDS 403) and Exploratory Data Analysis (IDS 303) should be analyzed and merged.
5.	In 4 th semester, paper positioning has to be re-looked.
6.	Advanced Machine Learning (IDS 501) could be placed in optional/Elective paper.
7.	Content Reduction is needed in Probabilistic Graphical Models (IDS 505) and it may be shifted in core.
8.	Tool must be specified in Advance Big Data Analytics lab (IDS 651).
9.	One seminar has to be incorporated in 4 th semester of credit 2.
10.	Course code name nomenclature 'IDS' has to be re-looked.

3. Mr. Abhilash Saxena, B.Sc. (H) CS Deputy Course-coordinator presented the proposed syllabi of B.Sc. (H) CS program w.e.f. 2019-20.

Program Name	B. Sc. (Hons.) Computer Science
Suggestions/Corrections:	
1.	Computer Fundamentals (CSC 109) should be a core subject for the program and open for others.
2.	University has to give the code guidelines for open elective.
3.	Discrete mathematics syllabus has to be re-looked in unit 5.
4.	Redundancy part has to be removed among papers.
5.	In Software Engineering and UML (CSC 301), Agile Methodology has to be incorporated.
6.	In third semester, elective (Core/Open Elective) has to be mentioned.
7.	Fundamental of E-Commerce has to be mentioned in open category.
8.	Few papers of practice based to create web enabled applications.



9.	Ethical hacking (CSC 409) & Information Security & Cyber law (CSC 410) papers should be merged.
10.	Reasoning & General Aptitude (CSC 512), Industrial Psychology (CSC 513) & Professional Ethics (CSC 514) can be placed in open category.
11.	Industrial psychology (CSC 513) and Human values & Professional Ethics (CSC 514) papers must be re-looked for contents revision.

4. Mr. Priyank Singhal, MCA Course-coordinator presented the proposed syllabi of MCA program w.e.f. 2019-20.

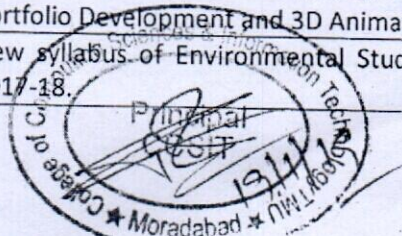
Program Name	Master of Computer Applications (MCA)
Suggestion/corrections:	
1.	The syllabus of MCA 322 (Digital Marketing) should be revised.
2.	The syllabus of MCA 520 (Software Engineering & Project management) should be reviewed to reduce the length.
3.	MCA 525 (Mobile Computing) can be considered to be a compulsory paper.
4.	Open elective has to be re-looked.

5. Dr. Ambuj Kumar Agarwal, BCA Course-coordinator presented the proposed syllabi of BCA program w.e.f. 2019-20.

Program Name	Bachelor of Computer Application (BCA)
Suggestion/corrections:	
1.	BCA 107 (Fundamental of Computer's and MS-Office) subject name should be renamed as BCA 107 (Computer Fundamental - MS — Office and Internet)
2.	BCA 210 and BCA 211 (Fundamentals of E—Commerce and Information Security Fundamental) both subjects should be placed in Open Category.
3.	BCA 311 (Microprocessor and Peripherals) could be dropped .
4.	BCA 415 (Digital Marketing) Content/Syllabus is reviewed by Industry consultant
5.	BCA 510 (Multimedia and Animation) subject name should be rename as Overview of Multimedia.
6.	BCA 515 (Enterprise Resource Planning) Content/Syllabus is reviewed by Industry consultant.

6. Mr. Pradeep Kumar Gupta, B.Sc. (Animation) Course-coordinator presented the proposed syllabi of B.Sc. (Animation) program w.e.f. 2019-20.

Program Name	Bachelor of Science (Animation)
Suggestion/corrections:	
1.	Computer paper should be kept in open category.
2.	Add a seminar in second semester.
3.	Rename the 2D Animation Project (BSA 355) as Mini Project (2D Animation).
4.	Rename the Architectural walkthrough Project (LAB) (BSA 457) as Mini Project (Architectural walkthrough).
5.	Environmental Studies (BSA 606) should be placed in 1 st or 2 nd semester.
6.	3D Animation Project and Portfolio Development (BSA 657) should be renamed as 'Project on Portfolio Development and 3D Animation'.
7.	New syllabus of Environmental Studies (TMU101) to be modified for session 2016-17 and 2017-18.





7. Mr. Rupal Gupta, B.Tech. Course-coordinator presented the proposed syllabi of B.Tech. (CSE) program w.e.f. 2019-20.

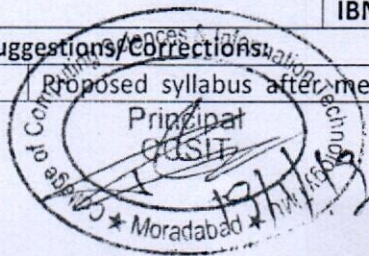
Program Name	Bachelor of Technology B.Tech. (CSE)
Suggestion/corrections:	
1.	All nomenclatures like departmental core, departmental elective need to be re-looked to form generalized nomenclature. For ex. (Departmental elective to be taken as program elective.).
2.	EAS 301 (Mathematics - III) need to be renamed.
3.	Credit balancing framework is required.
4.	General Proficiency credits system has to be looked. (Either it will half credit or no credit in all semesters).
5.	ECS 509 (Multimedia and Animation) subject name should be rename as Overview of Multimedia.
6.	ECS 701 (Web Technology (Design and Architecture Using .NET); Overview of E-Commerce has to added in Unit No 1.
7.	Seminar of 7 th semester (ECS 792) could be reduced for credit balancing.
8.	ECS 715 (Software Testing) contents need to be re-looked by Ms. Rashmi Jain, Technical Consultant, CCSIT.
9.	More open elective has to be specified.
10.	Pattern recognition (ECS 809) could be placed in 7 th semester.
11.	ECS 507 (Mobile Communication) swapped by ECS 608 (Computer network) has been approved by BOS. Computer network (ECS654) lab will also be shifted to fifth semester. (The change will also be implemented in the syllabus of 2018-19).
12.	Updated syllabus contents of ECS 801 (Data Warehousing and Data Mining with R-programming) has been approved by BOS. (The change will also be implemented in the syllabus of 2018-19).
13.	Two topics (Canonical cover and dependency preservation) added in ECS 306 in unit 3 has been approved in BOS. (The change will also be implemented in the syllabus of 2018-19).

8. Mrs. Anu Sharma, M.Tech. Course-coordinator presented the proposed syllabi of M.Tech. (CSE) program w.e.f. 2019-20.

Program Name	Master of Technology M.Tech. (CSE)
Suggestion/corrections:	
1.	Core paper should be defined.
2.	MCS 240 (Software testing) syllabus has to be modified.
3.	Open electives are not needed in M. Tech. Program. The category of open electives has to be changed.

9. Dr. Rajeev Kumar, B.Tech. (IBM) Course-coordinator presented the proposed syllabi of B.Tech. (IBM) program w.e.f. 2019-20.

Program Name	B.Tech. (CSE) with specialization in application development using Cloud and Big data analytics platform in association with IBM.
Suggestions/Corrections:	
1.	Proposed syllabus after merging Cloud Based Mobile Applications (CMBA) and Big data

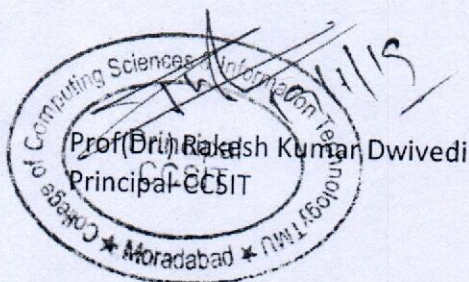


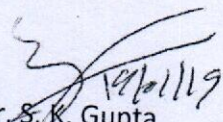


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	Analytics (BDA) has been renamed as application development using Cloud and Big data analytics platform
2.	Overview of analytics to be added in the paper Programming with Python (ICM 211) in second semester.
3.	Nomenclature correction is needed in sixth semester.
4.	The Specialized version of Cloud & Analytics has to be added in course matrix.
5.	Credit balancing framework is required.

10. Dr. Parag Agarwal, Deputy Coordinator (CRC) presented the status report of Ph. D. scholars. Ms. Rohilla Naaz presented her revised synopsis presentation and Mr. Vineet Saxena presented his synopsis presentation. Both the synopsis has been approved by BOS and are recommended for approval in BOF.




Dr. S. K. Gupta
External Member-BOS

Encl.

1. Attendance Sheet
2. Old and revised course matrix of all courses

- C.C.
1. Hon'ble vice Chancellor
 2. Hon'ble Pro-Vice Chancellor
 3. Dean Academics
 4. Joint Registrar
 5. Joint Registrar - Gov.