Indira Gandhi Delhi Technical University for Women
Kashmere Gate, Delhi-110006

MINUTES OF THE MEETING OF THE BOARD OF STUDIES OF FACULTY OF ENGINEERING & TECHNOLOGY HELD ON DATED 27th DECEMBER, 2016 AT 11:00 AM IN THE CONFERENCE ROOM, ADMINISTRATIVE BLOCK, INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN, NEW DELHI-110006

Meeting of Board of Studies of Faculty of Engineering and Technology of the University was held on 27th December, 2016 at 11:00 AM. Following members were present during the meeting:

1. Prof. Pratima Rani Bose, Retd. Professor and HoD, Deptt. of Civil Engineering, DTU and Former Principal, Ch. Brahm Prakash Govt. Engg. College, Jaffarpur Delhi (Chairperson)
2. Prof. S. C. Sharma, Deptt. of Mechanical and Industrial Engineering Member, IIT Roorkee
3. Prof. Rajiv Kapoor, Principal and Professor(ECE), Ambedkar Institute of Advanced Communication Technologies and Research, Geeta Colony, Delhi
4. Prof. Arvinder Kaur, Professor, University School of Information and Communication Technology, GGS IP University, Dwarka Delhi
5. Prof. R. K. Singh, Deptt. of IT, IGDTUW
6. Prof. Ela Kumar, Deptt. of CSE, IGDTUW
7. Dr. Pratishtha Pandey, Scientist-E, R&D Infrastructure Division, DST, Delhi
8. Dr. A. K. Mohapatra, Associate Professor, Deptt. of IT, IGDTUW
9. Dr. N. R. Chauhan, Associate Professor, Deptt. of MAE, IGDTUW
10. Dr. Arun Sharma, Associate Professor, Deptt. of IT, IGDTUW (Convener)
11. Dr. O. K. Singh, Assistant Professor, Deptt. of MAE, IGDTUW
12. Mr. AkashTayal, Assistant Professor, Deptt. of ECE, IGDTUW

Following members could not attend the meeting due to their preoccupation:

1. Prof. Ashwni Kumar, Deptt. of ECE, IGDTUW
2. Dr. Ponnurangam Kumaraguru, Associate Professor, Deptt. of CSE, IIIT Delhi

Convener – BoS welcomed the Hon'ble Chairperson and Members of the Board and briefed the Agenda. The Board deliberated the various agenda items and the item wise recommendation of the Board of Studies is as under:

Item No. 1.01: To approve the Syllabus of M.Tech. (ICT) Program for 3rd and 4th Semesters

The Board approved the Syllabus of M.Tech. (ICT) Program for 3rd and 4th Semesters.

Item No. 1.02.1: To consider and approve the Panel of Practical Examiners and Question Paper Setters of Odd and Even Semesters for B.Tech (CSE) and M.Tech. (MPC) programs in Department of CSE

Board approved the Panel of Practical Examiners and Question Paper Setters of Odd and Even Semesters for B.Tech (CSE) and M.Tech. (MPC) programs in Department of CSE.

Item No. 1.02.2: To consider and approve the Panel of Practical Examiners and Question Paper Setters of Odd and Even Semesters for B.Tech (IT), MCA, M.Tech. (ISM) and M.Tech. (ICT) programs in Department of IT

Board approved the Panel of Practical Examiners and Question Paper Setters of Odd and Even Semesters for B.Tech (IT), MCA, M.Tech. (ISM) and M.Tech. (ICT) programs in Department of IT.

Item No. 1.02.3: To consider and approve the Panel of Practical Examiners and Question Paper Setters of Odd and Even Semesters for B.Tech (MAE) and M.Tech. (R&A) programs in Department of MAE

Board approved the Panel of Practical Examiners and Question Paper Setters of Odd and Even Semesters for B.Tech (MAE) and M.Tech. (R&A) programs in Department of MAE.

Item No. 1.02.4: To consider and approve the panel of Practical Examiners and Question Paper setters of Odd and Even Semesters for B.Tech (ECE), M.Tech. (VLSI) and M.Tech (ECE) PT in Department of ECE

Board approved the panel of Practical Examiners and Question Paper setters of Odd and Even Semesters for B.Tech (ECE), M.Tech. (VLSI) and M.Tech (ECE) PT in Department of ECE.

Item No. 1.02.5: To consider and approve the panel of Practical Examiners and Question Paper setters of Odd and Even Semesters in Department of BAS

Board approved the panel of Practical Examiners and Question Paper setters of Odd and Even Semesters in Department of BAS.

Item No. 1.02.6: To consider and approve the panel of Question Paper setters of Odd Semester for Course Work of PhD

Committee approved the panel of Question Paper setters of Odd Semester for Course Work of PhD.

Committee advised that the question papers should avoid the What, Explain, Discuss type of direct questions, rather the orientation of question papers should be towards the applications covering multiple topics.

Committee also suggested that while designing syllabus, pre-requisite, objective and outcome for each subject should also be mentioned. Reference should have a consistent formatting in terms of author names, publisher, year and edition. Dean (AA) may be requested to initiate the process of incorporating these revisions in the syllabus.

Item No. 1.03: To apprise the Board for Course and Syllabi of 1st Year of new program M.Tech. – Green Technology as already approved by the Academic Council

Committee appreciated the efforts put in for starting a new M.Tech program in Green Technology. However, Committee was of view that Green Technology specialization may be very narrow and may create employability problems or equivalent issues if a candidate opts for research career and takes admission in PhD program. Committee suggested that M.Tech. (Green Technology) may be run jointly by BAS and Architecture Departments and may be renamed as M.Tech. (Environmental Sciences) with specialization in Green Technology or M.Tech. (App. Science) with specialization in Green Energy or similar other options. As the program has already been approved by the Academic Council, the suggestion of BoS may be placed before the Committee in next Academic Council Meeting.

Item No. 1.04: To apprise the Board for Supervisor directed Course and Syllabi of PhD Course Work as already approved by the Academic Council

Committee examined the courses in detail and suggested that for supervisor led courses for PhD course work, the subjects selected from NPTEL or other MOOC courses like COURSERA or EDX should have separate university codes. These subjects should be identified by their IGDTUW defined subject codes and not by NPTEL etc. NPTEL courses may be given as reference.

Meeting ended with a vote of thanks to the chair.

Dr Arun Sharma
Associate Professor and Convener - BoS

Indira Gandhi Delhi Technical University for Women
Kashmere Gate, Delhi-110006

F. No. 01(01)/BoS/IGDTUW/2016/ 28 (q+5)

Dated: 16 January, 2017

Subject: Minutes of the Board of Studies Meeting

Please find enclosed herewith minutes of meeting of Board of Studies of Faculty of Engineering and Technology, Indira Gandhi Delhi Technical University for Women held on 17th December, 2016 in the Conference Hall of the University, Administrative Block, Kashmere Gate, Delhi – 110006 for information.

Dr Arun Sharma
Associate Professor and Convener - BoS

Chairperson
1. Prof. Pratima Rani Bose, Retd. Professor and HoD, Deptt. of Civil Engineering, DTU and Former Principal, Ch. Brahm Prakash Govt. Engg. College, Jaffarpur Delhi (Chairperson)

All Members
1. Prof. S. C. Sharma, Deptt. of Mechanical and Industrial Engineering Member, IIT Roorkee
2. Prof. Rajiv Kapoor, Principal and Professor(ECE), Ambedkar Institute of Advanced Communication Technologies and Research, Geeta Colony, Delhi
3. Prof. Arvinder Kaur, Professor, University School of Information and Communication Technology, GGS IP University, Dwarka Delhi
4. Prof. Ashwni Kumar, Deptt. of ECE, IGDTUW
5. Prof. R. K. Singh, Deptt. of IT, IGDTUW
6. Prof. Ela Kumar, Deptt. of CSE, IGDTUW
7. Dr. Ponnurangam Kumaraguru, Associate Professor, Deptt. of CSE, IIIT Delhi
8. Dr. Pratishtha Pandey, Scientist-E, R&D Infrastructure Division, DST, Delhi
9. Dr. A. K. Mohapatra, Associate Professor, Deptt. of IT, IGDTUW
10. Dr. N. R. Chauhan, Associate Professor, Deptt. of MAE, IGDTUW
11. Dr. Arun Sharma, Associate Professor, Deptt. of IT, IGDTUW (Convener)
12. Dr. O. K. Singh, Assistant Professor, Deptt. of MAE, IGDTUW
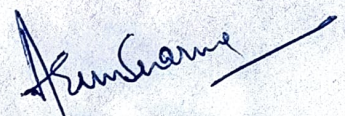13. Mr. Akash Tayal, Assistant Professor, Deptt. of ECE, IGDTUW

F. No. 01(01)/BoS/IGDTUW/2016/   Dated   January, 2017

Copy forwarded to the following for information and necessary action:

1. All Deans/HoDs/Dy. Deans IGDTUW
2. Head (IT Services), IGDTUW with a request for uploading the Minutes on University website.
3. PS to VC, IGDTUW
4. PA to Registrar

Dr Arun Sharma
Associate Professor and Convener - BoS

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN
(Established by Govt. of Delhi vide Act 9 of 2012)

<u>MINUTES OF MEETING OF THE BOARD OF STUDIES OF FACULTY OF ENGINEERING & TECHONOLOGY HELD ON DATED 12TH APRIL, 2018 AT 03:00PM IN THE CONFERENCE ROOM, ADMINSTRATIVE BLOCK, INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN, NEW DELHI-110006</u>

Meeting of Board of Studies of Faculty of Engineering and Technology of the University was held on 12th April, 2018 at 03:00 PM. Following members were present during the meeting:

1. Prof. Pratima Rani Bose, Retd. Professor and HoD, Deptt. of Civil Engineering, DTU and former Principal, Ch. Brahm Prakash Govt. Engg. College, Jaffarpur, Delhi (Chairperson)
2. Prof. S.C. Sharma, Deptt. of Mechanical and Industrial Engg., IIT , Roorkee
3. Prof. Rajiv Kapoor , Principal and Professor (ECE) , Ambedkar Institute of Advanced Communication Technology and Research , Geeta Colony, Delhi.
4. Prof. Arvinder Kaur, Professor , University School of Information and Communication Technology , GGSIP University , Dwarka, Delhi.
5. Prof. R.K. Singh , Professor, Deptt of IT , IGDTUW
6. Prof. Ela Kumar , Professor , Deptt of CSE , IGDTUW
7. Dr. Pratishtha Pandey, Scientist –E, R & D Infrastructure Division, DST, Delhi.
8. Prof. SRN Reddy, Professor, Deptt of CSE , IGDTUW
9. Prof. D .K Tayal , Professor, Deptt of CSE , IGDTUW
10. Dr. N.R Chauhan , Associate Professor, Deptt. of MAE , IGDTUW.
11. Dr. Arun Sharma, Associate Professor, Deptt. of IT , IGDTUW.
12. Dr. O.K . Singh , Assistant Professor, Deptt of MAE , IGDTUW.
13. Dr.. Akash Tayal , Assistant Professor, Deptt of ECE , IGDTUW.

Following members could not attend the meeting due to their preoccupation:

1. Dr. Ponnurangam Kumaraguru, Associated Professor, Deptt of CSE, IIIT, Delhi.
2. Prof. Ashwini Kumar, Professor , Deptt. of ECE, IGDTUW
3. Dr. A. K Mohapatra, Associate Professor, Deptt. of IT , IGDTUW.

Convener- BoS welcomed the Hon'ble Chairperson and Members of the Board and briefed the Agenda. The Board deliberated the various agenda items and the item wise recommendation of the Board of Studies is as under:

Item No. 2.01: To approve the Syllabus of 5th Semester of M.Tech (ICT)
The board approved the syllabus of M.Tech (ICT) program for 5th Semester.

Item No. 2.02: To approve the dissertation guidelines for M.Tech (ICT) Part Time
Board approved the dissertation guidelines for M.Tech (ICT) Part Time.

Item No. 2.03: To approve the panel of examiners for practical exams and paper setters for Elective subjects in B.Tech, M.Tech and MCA Programs

Board approved the panel of examiners for practical exams and paper setters for Elective subjects in B.Tech, M.Tech and MCA Programs.

Item No. 2.04: To approve the panel of examiners for practical exams and paper setters received from various departments for some of the subjects of B.Tech and M.Tech Programs

Board approved the panel of examiners for practical exams and paper setters received from, various departments for some of the subjects of B.Tech and M.Tech Programs.

Item No. 2.05: To approve the panel of examiners (Theory & Practical) for M.Tech (ICT) 4th, 5th and 6th Semester

The Board approved the panel of examiners (Theory & Practical) for M.Tech (ICT) 4th, 5th and 6th Semesters.

Item No. 2.06: To approve the revised syllabus of Advanced DBMS of for M.Tech (ICT) and Big Data and Business Analytics for M.Tech (ISM) Programs

The Board approved the revised syllabus of Advanced DBMS of for M.Tech (ICT) and Big Data and Business Analytics for M.Tech (ISM) Programs.

Item No. 2.07: To approve the syllabus of course work subjects for PhD candidates

Committee approved the syllabus of course work subjects for PhD candidates.

Item No. 2.08: To approve the panel of paper setters for PhD course work subjects

Committee approves the panel of paper setters for PhD course work subjects.

Item No. 2.09: To approve the load of project supervision of B.Tech, M.Tech and MCA against teaching load

Committee deliberated and discussed the agenda in detail and observed that Head of the Department may take appropriate decision in deciding the load of engagement of faculty for project supervision depending upon the availability of the regular faculty in the department.

Meeting ended with vote of thanks to the chair.

Dr. Arun Sharma
Associate Professor and Convener- BoS

Indira Gandhi Delhi Technical University for Women
Kashmere Gate, Delhi-110006

MINUTES OF MEETING OF THE BOARD OF STUDIES OF FACULTY OF ENGINEERING & TECHONOLOGY, HELD ON DATED 23rd OCTOBER, 2018 AT 03:00 PM IN THE CONFERENCE ROOM, ADMIN BLOCK, INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN, DELHI.

Meeting of Board of Studies of Faculty of Engineering and Technology of the University was held on 23rd October, 2018 at 03:00 PM. Following members were present during the meeting:

1. Prof. Pratima Rani Bose, Retd. Professor and HoD, Deptt. of Civil Engineering, DTU and former Principal, Ch. Brahm Prakash Govt. Engg. College, Jaffarpur, Delhi (Chairperson)
2. Prof. Arvinder Kaur, Professor, University School of Information and Communication Technology, GGSIP University, Dwarka, Delhi.
3. Prof. Ela Kumar, Professor and HoD-CSE, Dept. of CSE , IGDTUW
4. Prof. SRN Reddy, Dean-EA and Professor, Dept. of CSE , IGDTUW
5. Prof. D. K. Tayal , Dean-AA and Professor, Dept. of CSE , IGDTUW
6. Dr. N.R Chauhan, Associate Professor, Dept. of MAE, IGDTUW.
7. Dr. Arun Sharma, Associate Professor, Dept. of IT, IGDTUW.
8. Dr. O.K . Singh, Assistant Professor, Dept of MAE, IGDTUW.
9. Dr. Akash Tayal , Assistant Professor, Dept. of ECE , IGDTUW.
10. Dr. A. K Mohapatra, Associate Professor, Deptt. of IT , IGDTUW.
11. Dr Manoj Soni, HoD-MAE, IGDTUW (Special Invitee)
12. Dr Shalini Arora, HoD-ASH, IGDTUW (Special Invitee)

Following members could not attend the meeting due to their preoccupation:

1. Prof. S.C. Sharma, Deptt. of Mechanical and Industrial Engg., IIT , Roorkee
2. Prof. Rajiv Kapoor, Principal and Professor (ECE), AIACTR, Geeta Colony, Delhi.
3. Prof. R.K. Singh , Professor, Deptt of IT , IGDTUW
4. Dr. Pratishtha Pandey, Scientist –E, R & D Infrastructure Division, DST, Delhi
5. Dr. Ponnurangam Kumaraguru, Associated Professor, Deptt of CSE, IIIT, Delhi.
6. Prof. Ashwini Kumar, Professor , Deptt. of ECE, IGDTUW

Convener- BoS welcomed the Hon'ble Chairperson and Members of the Board and briefed the Agenda. The Board deliberated the various agenda items and the item wise recommendation of the Board of Studies is as under:

Item No. 4.1: To consider and approve the Teaching Scheme for B.Tech. Programs as per Choice Based Credit System

The Board of Studies recommended the adoption of Choice Based Credit System for the B. Tech Programme from the Academic Year 2019-20. Board approved the proposed common Template of BTech Programs along with the teaching scheme of BTech First Year (common to all branches). For teaching scheme of Second, Third and Fourth year of BTech in different branches, Board deferred the decision to the next meeting.

Item No. 4.2: To consider and approve the syllabus of subjects for B.Tech. First Year (Common to all branches)

Board approved the proposed syllabus of subjects for B.Tech. First Year (Common to all branches)

Item No. 4.3: To consider and approve the increase of seats in intake of B. Tech. (IT) Programme from the Academic Year 2019-20

Board approved the increase of seats in intake of B. Tech. (IT) Programme from the Academic Year 2019-20 as under: -

Present Intake / year	76
Proposed Increased Intake / year	120
Increase in the total number of students in 4 years (44 x 4)	176

Item No. 4.4: To consider and approve the creation of additional teaching posts for the Department of Information Technology due to increase in intake

Board approved the creation of 09 additional teaching posts due to increase in intake in B. Tech. (IT) Programme as under (cadre ratio 1:2:6):

Professor	01
Associate Professor	02
Assistant Professor	06

Board suggested that the provision may be made to allocate the appropriate number of posts to other departments based on their increased academic load due to proposed increased intake in IT Department.

Also, Board approved the creation of non-teaching posts (Lab Staff) due to increase in intake as per AICTE norms.

Item No. 4.5: To consider and approve the setting up of additional computer lab for the Department of Information Technology due to increase in intake

Board suggested that the setting up of additional lab should be pursued by the Department directly to the Competent University.

Meeting ended with a note of thanks to the Chair.

28/10/2018

Dr Arun Sharma

Associate Professor and Convener-BoS

Copy to

Chairperson-BoS, Faculty of Engineering and Technology, IGDTUW

All Members – BoS, Faculty of Engineering and Technology, IGDTUW

MINUTES OF MEETING OF THE 5th MEETING OF BOARD OF STUDIES OF FACULTY OF ENGINEERING & TECHONOLOGY, IGDTUW HELD ON DATED 8th APRIL, 2019 AT 10:30 AM IN THE CONFERENCE ROOM, ADMIN BLOCK, INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN, DELHI.

Meeting of Board of Studies of Faculty of Engineering and Technology of the University was held on 8th April, 2019 at 10:30 AM. Following members were present during the meeting:

1. Prof H M Gupta, Former Professor, Dept. Of Electrical Engg, IIT Delhi – **Chairman**
2. Prof S S Agarwal, Former Emeritus Scientist, CSIR
3. Prof Mohammed Suhaib, Professor, Jamia Millia Islamia
4. Prof Dinesh Chutani, Professor, DTU
5. Prof. Ashwini Kumar, Professor , Deptt. of ECE, IGDTUW
6. Prof. R.K. Singh , Professor, Deptt of IT , IGDTUW
7. Prof. Ela Kumar, Professor and HoD-CSE, Dept. of CSE , IGDTUW
8. Prof. SRN Reddy, Dean-EA and Professor, Dept. of CSE , IGDTUW
9. Prof. D. K. Tayal , Dean-AA and Professor, Dept. of CSE , IGDTUW
10. Dr Manoj Soni, Associate Professor, Dept. of MAE, IGDTUW.
11. Dr. Ranu Gadi, Associate Professor, Dept of ASH, IGDTUW.
12. Dr Jasdeep Kaur, Associate Professor, Deptt. Of ECE, IGDTUW
13. Dr. V N Jha , Assistant Professor, Dept. of CSE , IGDTUW.
14. Dr. Arun Sharma, Associate Professor, Dept. of IT, IGDTUW.

Following member could not attend the meeting due to their preoccupation:
1. Dr. Sanjay Mishra, Head – KIRAN, DST
2. Dr Dinesh Ganotra, Asstt. Professor, Department of ASH, IGDTUW

Convener- BoS welcomed the Hon'ble Chairperson and Members of the Board and briefed about the UGC guidelines for implementing the Choice Based Credit System (CBCS). The Board deliberated the various agenda items and the item wise recommendation of the Board of Studies is as under:

Item No. 5.1: To Approve the MoM of Meeting of BoS held on 23rd October, 2018

Convener briefed about the various agenda items of the meeting held on 23rd October, 2018 and informed the Board that no comments are received from the Board members regarding

any of the agenda. Board approved Minutes of the Meeting of BoS held on 23rd October, 2018

Item No. 5.2: To consider and recommend the Guidelines and Evaluation Scheme of all the UG and PG programs under Faculty of Engineering and Technology as per CBCS

Board deliberated the guidelines in details. Chairman suggested that Allied Elective Courses should be renamed as Open Elective Courses. Also, members suggested that separate detailed guidelines be prepared for evaluation of MOOC courses, project and research work selected by a student under Generic Open Elective courses. It was also suggested that in case of an elective subject, minimum ceiling of students for floating an elective be 30% in place of 40% .

With the minor changes, Board recommended the revised Guidelines and Evaluation Scheme of all the UG and PG programs under Faculty of Engineering and Technology as per CBCS.

Item No. 5.3: To consider and approve the Teaching Scheme and Syllabus of BTech. 1st Year for all Branches as per CBCS

Members suggested the revision in Course Outcomes in line with NBA and updation of references. With these minor changes, Board recommended the Teaching Scheme and Syllabus of BTech. 1st Year for all Branches as per CBCS

Item No. 5.4: To consider and approve the Teaching Scheme of BTech-CSE for 2nd, 3rd and 4th year and syllabus of BTech- CSE 2nd Year as per CBCS

Board suggested that Modeling and Simulation subject of 3rd Semester should be interchanged with the Software Engineering subject of 5th semester. With this minor change, Board recommended the Teaching Scheme of BTech-CSE for 2nd, 3rd and 4th year and syllabus of BTech- CSE 2nd Year as per CBCS.

Item No. 5.5: To consider and approve the Teaching Scheme of BTech-IT for 2nd, 3rd and 4th year and syllabus of BTech- IT 2nd Year as per CBCS

Board suggested that Modeling and Simulation subject of 3rd Semester should be interchanged with the Software Engineering subject of 5th semester.

With this minor change, Board recommended the Teaching Scheme of BTech-IT for 2nd, 3rd and 4th year and syllabus of BTech- IT 2nd Year as per CBCS.

Item No. 5.6: To consider and approve the Teaching Scheme of BTech-ECE for 2nd, 3rd and 4th year and syllabus of BTech- ECE 2nd Year as per CBCS

Board suggested that Modelling and Simulation subject should be transferred from 3rd semester to 5th semester. It should be replaced with Digital Circuits and Systems (from 4th semester) and the slot created in 4th semester should be filled by Digital System Design (from 5th semester).

It is also suggested that BEC-301 to be renamed as Digital Communication Systems, BEC-401 to Microwave Techniques, BEC -412 to Wireless Networks, BEC-311 to Random Signals & Processes. Optical Communication and Networks, Radar Engineering, Satellite Communication, Electronic Measurement & Instrumentation and Multimedia Communication to be included as Elective subjects. Wireless MIMO to be replaced by the suggested Electives.

With these minor changes, Board recommended the Teaching Scheme of BTech-ECE for 2nd, 3rd and 4th year and syllabus of BTech- ECE 2nd Year as per CBCS.

Item No. 5.7: To consider and approve the Teaching Scheme of BTech-MAE for 2nd, 3rd and 4th year and syllabus of BTech- MAE 2nd Year as per CBCS

Board recommended the Teaching Scheme of BTech-MAE for 2nd, 3rd and 4th year and syllabus of BTech- MAE 2nd Year as per CBCS.

Item No. 5.8: To consider and approve the closing of MTech – MPC and start of new MTech-CSE (AI) along with Teaching Scheme of for 1st and 2nd year and Syllabus of 1st semester as per CBCS

HoD-CSE briefed the Board about the declining trend of admission in existing MTech-MPC program in previous years. Because of growing demand of researchers and professionals from Artificial Intelligence domain and for better acceptability of students in industry and research, she proposed to replace it with a more generic program, MTech- CSE with specialization in Artificial Intelligence. After detailed deliberations, Board recommended the replacement of existing M.Tech.- MPC program with the new program, MTech- CSE with specialization in Artificial Intelligence. Members suggested that first semester should be

generic and remaining semesters should have the specialised subjects from Artificial Intelligence stream. Also, members suggested to change the names of Minor Project (Semester 3) and Dissertation (Semester 4) to Dissertation-I and Dissertation-II respectively in all four MTech Programs.

With the changes, Board recommended the replacement of existing M.Tech.-MPC with MTech.-CSE with specialization in Artificial Intelligence along with Teaching Scheme for 1st and 2nd year and Syllabus of 1st semester as per CBCS.

Item No. 5.9: To consider and approve the closing of MTech – ISM and start of new MTech-IT (ISM) along with Teaching Scheme for 1st and 2nd year and Syllabus of 1st semester as per CBCS

HoD-IT briefed the Board about the existing MTech-ISM program and proposed to replace it with MTech-IT with specialization in Information Security Management to make the program more generic and better acceptable in industry, research and academic domains.

After detailed deliberation, Board recommended to replace the existing MTech-Information Security Management program with MTech- IT with specialization in Information Security Management along with the teaching scheme for 1st and 2nd year and Syllabus of 1st semester as per CBCS.

Item No. 5.10: To consider and approve the Teaching Scheme of MTech-VLSI Design for 1st and 2nd year and Syllabus of 1st year as per CBCS

Board recommended to replace the existing MTech-VLSI Design program to MTech-ECE with specialization in VLSI and Design. Board also recommended the teaching scheme for 1st and 2nd year and Syllabus of 1st year as per CBCS

Item No. 5.11: To consider and approve the Teaching Scheme of MTech-R&A for 1st and 2nd year and Syllabus of 1st year as per CBCS

Board deliberated the teaching scheme and syllabus for the MTech R&A program. Members suggested that the syllabus of Advanced Digital signal processing be revised. It was suggested that the subject Machine Vision (MRA 106) under Department Elective 1 in 2nd Sem, should be swapped with Optimization for Engineering (MRA 205) Department Elective 3 (3rd sem). Similarly, the subject Advanced Robotics (MRA 104) under Department Core in

2nd Sem, was proposed to be swapped with Computer Integrated Manufacturing (MRA 201) Department core in 3rd sem.
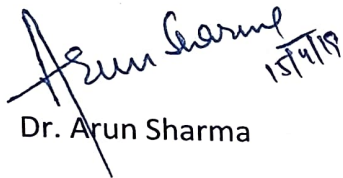
With these minor changes, Board recommended the Teaching Scheme of MTech-R&A for 1st and 2nd year and Syllabus of 1st year as per CBCS

Item No. 5.12: To consider and approve the Teaching Scheme of MCA for all three years and Syllabus of 1st year as per CBCS

Board deliberated the teaching scheme of MCA and suggested that System Analysis and Design subject be removed from 2nd semester and Software Engineering be transferred from 3rd semester to 2nd semester (in place of System Analysis and Design course). In 3rd semester, a new subject Cloud Computing be introduced.

With these minor changes, Board recommended the Teaching Scheme of MCA for all three years and Syllabus of 1st year as per CBCS.

Meeting ended with a note of thanks to the Chair.

Dr. Arun Sharma   Dr. V N Jha   Dr Jasdeep Kaur   Dr. Ranu Gadi

Dr Manoj Soni   Prof. D. K. Tayal   Prof. SRN Reddy   Prof. Ela Kumar

Prof. R.K. Singh   Prof. Ashwini Kumar   Prof Dinesh Chutani
                                                        rcvd on email

Prof Mohammed Suhaib   Prof S S Agarwal
rcvd on email   rcvd on email

Prof H M Gupta
Approval rcvd on email

Indira Gandhi Delhi Technical University for Women
Kashmere Gate, Delhi-110006

MINUTES OF MEETING OF THE 6th MEETING OF BOARD OF STUDIES OF FACULTY OF ENGINEERING & TECHONOLOGY, IGDTUW HELD ON DATED 30TH DECEMBER, 2019 AT 3:00 PM IN THE CONFERENCE ROOM, ADMIN BLOCK, INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN, DELHI.

Meeting of Board of Studies of Faculty of Engineering and Technology of the University was held on 30th December, 2019 at 3:00 PM. Following members were present during the meeting:

1. Prof H M Gupta, Former Professor, Dept. Of Electrical Engg, IIT Delhi – **Chairman**
2. Prof S S Agarwal, Former Emeritus Scientist, CSIR
3. Prof Mohammed Suhaib, Professor, Jamia Millia Islamia
4. Prof. Ela Kumar, Professor and HoD-CSE, Dept. of CSE , IGDTUW
5. Prof. D. K. Tayal , Dean-AA and Professor, Dept. of CSE , IGDTUW
6. Dr Manoj Soni, Associate Professor, Dept. of MAE, IGDTUW.
7. Dr. Ranu Gadi, Associate Professor, Dept of ASH, IGDTUW.
8. Dr Jasdeep Kaur, Associate Professor, Deptt. Of ECE, IGDTUW
9. Dr. V N Jha , Assistant Professor, Dept. of CSE , IGDTUW.
10. Dr. Arun Sharma, Associate Professor, Dept. of IT, IGDTUW.
11. Dr Dinesh Ganotra, Asstt. Professor, Department of ASH, IGDTUW

Following member could not attend the meeting due to their preoccupation:
1. Dr. Sanjay Mishra, Head – KIRAN, DST
2. Prof Dinesh Chutani, Professor, DTU
3. Prof. Ashwini Kumar, Professor , Deptt. of ECE, IGDTUW
4. Prof. R.K. Singh , Professor, Deptt of IT , IGDTUW
5. Prof. SRN Reddy, Dean-EA and Professor, Dept. of CSE , IGDTUW

Convener- BoS welcomed the Hon'ble Chairperson and Members of the Board. The Board deliberated the various agenda items and the item wise recommendations of the Board of Studies are as under:

Item No. 6.1: To consider and approve the syllabus of 2nd semester of MTech-CSE (AI)

Board deliberated the Syllabus of 2nd Semester of M.Tech – CSE (AI) in details and suggested minor changes. Members suggested that the subject Probability and Random Processes (Course Code: MCS-106) should be changed from L-T-P as 3-0-2 to 3-1-0, since this is a theoretical subject and does not cover the Lab component. Since the same subject

(MCS-106) is also offered in MTech – IT (ISM) as an elective course, same changes will be done in MTech – IT (ISM) also. Members suggested the latest versions of the books to be referred under Reference section. With these changes, Board approved the syllabus of 2nd semester of MTech-CSE (AI).

Item No. 6.2: To consider and approve the syllabus of 2nd semester of MTech-IT (ISM)

Board deliberated the Syllabus of 2nd Semester of M.Tech – IT (ISM) in details and approved the syllabus of 2nd semester of M.Tech – IT(ISM).

Item No. 6.3: To consider and approve the syllabus of 2nd semester of MTech-ECE (VLSI)

Board deliberated the Syllabus of 2nd Semester of **MTech-ECE (VLSI)** in details and approved the syllabus of 2nd semester of **MTech-ECE (VLSI).**

Item No. 6.4: To consider and approve the syllabus of 2nd semester of MTech- (R&A)

Board deliberated the Syllabus of 2nd Semester of **MTech- (R&A)** in details and approved the syllabus of 2nd semester of **MTech- (R&A).**

Item No. 6.5: To consider and approve the revised title of the Course Code HMC-110 from Humanities and Social Sciences to Communication Skills

Convener briefed the Board that in last BoS MoM, due to inadvertent typing error, subject code HMC-110 was written as Humanities and Social Sciences in place of Communication Skills. Board approved the revised title of the Course Code HMC-110 from Humanities and Social Sciences to Communication Skills.

Item No. 6.6: To consider and approve the relative weights of different components of evaluation

Convener briefed the Board that in previously approved guidelines of Choice Based Credit System (CBCS), relative weights of some of the evaluation components were not covered. He presented a list of those components with relative weights. Board deliberated the list and approved the relative weights of different components of evaluation.

Item No. 6.7: To consider and approve the list of Examiners for BTech 1st Year subjects

Board approved the list of Examiners for BTech 1st Year subjects.

Item No. 6.8: To consider and approve the setting up of Computer Vision and Image Processing Lab in the Department of ECE

Dr. Jasdeep Kaur Dhanoa, Associate Professor-ECE and Member-BoS briefed about the proposed lab and various subjects which will be covered in the proposed lab for UG, PG and PhD programs. Board deliberated the issue and approved the setting up of Computer Vision and Image Processing Lab in the Department of ECE.

Meeting ended with the note of thanks to the Chair.

Prof H M Gupta
(Confirmation received through email)

Prof S S Agarwal
(Confirmation received through email)

Prof Mohammed Suhaib
(Confirmation received through email)
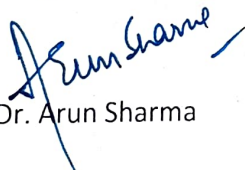
Prof. Ela Kumar

Prof. D. K. Tayal

Dr Manoj Soni

Dr. Ranu Gadi

Dr Jasdeep Kaur

Dr. V N Jha

Dr Dinesh Ganotra

Dr. Arun Sharma