Minutes of the 28th Senate meeting of IIIT-D held on 30th December, 2014 at 03.00 PM in the Senate Room, B-wing, R&D Building, Okhla Industrial Estate, Phase-III, New Delhi-110020

Following members were present:

- Prof. Pankaj Jalote - Chairman
- Prof. K.K. Biswas - External Member
- Dr. Kaushik Saha - External Member
- Dr. Gautam Shroff - External Member
- Prof. Samaresh Chatterji - Ex-Officio Internal Member
- Dr. Astrid Kiehn - Ex-Officio Internal Member
- Mr. Hemant Kumar - Ex-Officio Internal Member
- Dr. A.V. Subramanyam - Internal Member
- Dr. Mohd. S. Hashmi - Internal Member
- Dr. Shreemoy Mishra - Internal Member
- Dr. Sriram K. - Internal Member
- Dr. Sujay Deb - Internal Member
- Mr. Ashwani Kumar Kansal - Secretary

Following member attended via telecon:

- Prof. Anshul Kumar - External Member

Special Invitees:

- Dr. Vikram Goyal - Faculty- IIITD
- Dr. Anubha Gupta - Faculty- IIITD
- Dr. Vivek Bohara - Faculty-IIITD
- Mr. Manohar Khushalani - Visiting Faculty- IIITD
- Mr. K.P. Singh - Academic Incharge
- Mr. Ashutosh Brahma - JM -Academics

TWENTY- EIGHTH (28th) MEETING OF SENATE OF IIIT-DELHI
MINUTES OF THE MEETING
(held on 30th DECEMBER, 2014)

28.1 Opening remarks of the Chairman.

The Chairman welcomed all to the meeting. Thereafter, agenda items were taken up for discussions.

28.2 Confirmation of minutes of the 27th meeting of the Senate held on 20th August, 2014.

Since there were no comments, the minutes of the 27th meeting of the Senate held on 20th August, 2014 were confirmed.

ACTION TAKEN REPORT

28.3 To report modification of B.Tech. CSE (Regulation)

The Senate ratified the approval given by Chairman, Senate for modification of existing B.Tech.(CSE) regulation placed at Appendix-I

ACADEMIC & STUDENTS MATTERS

28.4 To review the Admission Criterion for BTech 2015 Batch

Chairman, Senate apprised the members of the existing B.Tech. admission criteria and the proposal to continue the same for B.Tech. 2015 batch. He also apprised the members of the proposal for increase in the number of seats in the UG intake and distribution of seats among the two disciplines. After detailed deliberations the Senate approved the proposal as detailed in Appendix-II The Senate also agreed to the proposal to add 10 more seats in the total UG intake and distribution of seats among the two disciplines as follow:

Discipline	Existing	Revised
CSE	120	110
ECE	50	70
Total	170	180

In addition DASA will have 10 supernumerary seats, as last year.

28.5 To review the Bonus Marks for BTech Admissions 2015

Chairman, Senate apprised the members of the existing norms for awarding Bonus marks to the candidates for B.Tech. admission and informed that the very limited data the Institute indicates that the performance in 1st semester of the students admitted with bonus marks is similar to those without bonus marks. It was agreed that Institute should continue with the method of providing bonus marks as it is a good and transparent method of giving credit to other achievements, but it was felt that criteria, where the number of students who qualify is larger (say more than 100) may be given only 6 bonus marks, while criteria under which where the number of students who qualify is small (e.g. final batch in Olympiads, top performers in Procon) may be given 10 marks.

It was also agreed to grant bonus marks to recipients of the Kishor Vaigyanik Protsahan Yojana (KVPY) award. This is very selective scheme of DST, and these students are granted direct admissions in institutions like NICERS.

A final note on bonus marks should be submitted to next Board meeting for approval.

28.6 Approval of Academic Calendar for Winter Semester 2015

The Senate approved the Academic Calendar for Winter Semester 2015 placed at Appendix-III.

28.7 To consider a proposal to introduce Refresher Modules for incoming M.Tech. students.

Chairman, Senate apprised the members of the background of the proposal and informed that most of the incoming M.Tech. students in IIIT-D are not fully prepared for the Masters program and therefore, providing "refresher program" for incoming students will greatly help in preparing them better for the M.Tech. program. After detailed deliberations the Senate approved the proposal but suggested that Institute should not assume that all students are underprepared and should find ways to give waiver of this requirement to those who possess satisfactory background. The contours of the approved scheme are:

Institute will offer, for new M.Tech. (CSE, ECE & Comp. Bio) students a few refresher modules of about 4 week duration during the summer. Each module will be of 2 credits. These will be labelled as 200 level courses, and will be in important foundational subjects in which students generally are weak. M.Tech. students will be required to do two refresher modules. As they are 200 level courses, these are extra credits, and will not count towards M.Tech. credit requirement, and the grades, while shown in the transcript, will not count towards the CGPA calculation for the M.Tech. This requirement will be waived for those students whose background does not have the deficiency.

The Institute will work out operational details including method of assessment, award of grade, giving of waiver to those having sufficient background in the course etc.

28.8 To consider modification of the existing regulation No. 15 (12) a. regarding issue of provisional certificate to Ph.D. students

Chairman, Senate apprised the members of the existing provision contained in PG Regulation No.15 (12) regarding issue of Provisional Certificate and necessity of making changes in the same. After detailed deliberation the Senate approved the modification of the existing regulation No. No. 15 (12) a as under:

> Upon acceptance of the revised thesis by the PG committee, the Chairman, Senate may recommend the award of the PhD degree to the student. While pending the actual award of the degree in a regular convocation of the Institute, the Chairman, Senate may also authorize the Registrar to issue a provisional certificate to a student who completes the requirements for graduation.

28.9 To consider a proposal to allow the students to take approved coursera/edx/… courses as IS in any semester including summer semester.

Chairman, Senate informed the members that there is a need to encourage students to use the wealth of courses available online. It was noted that students can do online courses as Independent Study (IS) under the guidance of faculty. However, as IS is treated like a regular course, each IS requires a faculty adviser who has to do proper assessment to assign a grade. Due to this, faculty have little interest in guiding IS. (The data also indicates that very few BTech students do IS.)

The Senate agreed that Institute should encourage students to use online courses and giving credit for doing them, but cautioned that there must be some assessment done by the Institute to ensure that suitable learning has taken place, as assessment of online courses cannot yet be relied upon.

It was clarified by UGC chair that the Institute has already approved that students can take approved online courses with S/X grade. It was agreed that the scheme can be promoted. Towards this, it was agreed that based on inputs from students some online courses may be pre approved to be undertaken by students. This may be done before the first week of the semester, so students can enroll/add these courses. For these approved courses, Institute will develop methods for assessing the student for awarding the S/X grade. It was felt that for 6-8 week online courses (which are common), normally 2 credits may be awarded.

UGC was requested to work out details for operating this.

28.10 To consider modifications in the existing PG Regulations for handling special requirements of different disciplines.

Chairman, Senate apprised the members of the existing provisions in the PG regulations and the proposed suggested changes. He also apprised the views expressed by one of the faculty members through email. After detailed deliberations the Senate agreed to the structural changes suggested for PGC as detailed in Appendix-IV.

The Senate also agreed to the special requirement of ECE to conduct the first year assessment of the PhD students differently. However, the Senate desired the ECE faculty to re-look at the special requirement of having extra course credit requirement for students with M.Tech. degree, and make a case with proper justification for the same. In general, it was felt that special requirements must have strong justification, and should be proposed only if the existing regulations cannot serve the purpose.

28.11 Presentation and discussion on B.Tech. (CSE) program review and current suggestions.

Chairman, Senate introduced the proposal for discussions. Thereafter, Dr. Vikram Goyal briefed the members about process of review currently being done, the historical background of the B.Tech.(CSE) program and the changes made in the program from time to time. He also apprised the members of the weaknesses identified in the current program by taking input from the Alumni, Placement Cell, final year students and the faculty. He further informed that after detailed review the recommendations made by the Review Committee will be discussed in the FM and then the proposal will be finally put up to Senate for consideration and approval.

ITEMS FOR INFORMATION

28.12 No. of Courses taught in Monsoon 2014 and number of Students Registered in each Course.

The Senate noted the position.

28.13 Total Number of Late Drops for Monsoon 2014

The Senate noted the position.

28.14 Approval from AICTE

Registrar apprised the members of the present status.

28.15 Application for NAAC Accreditation

Registrar apprised the members of the present status.

28.16 Application for NBA Accreditation

Registrar apprised the members of the present status.

28.17 Status of Writ Petition (C) No. 3858/2014 filed by Mr. Madhur Hasija, Ph.D. student

The Senate noted the order of the Hon'ble High Court of Delhi dated 2.12.2014 for implementation.

28.18 To ratify the decision taken by Chairman Senate for Award of PhD Degree

The Senate ratified the approval given by Chairman Senate for the award of PhD Degree to Mr Denzil Correa on behalf of the Senate.

Arising out of discussions the Senate desired that henceforth, the names of the Reviewers may be printed in the final thesis after Viva-voce examination. Also, in the letter to be sent to the future reviewers, it may be informed that in order to give due credit to their contributions in evaluation, the Institute will publish their names in the final thesis after approval of the thesis.

28.19 To consider Ph.D. thesis evaluation guidelines

Chairman, Senate apprised the members of the Ph.D. evaluation guidelines. The Senate desired that the document may be sent to all the Ph.D. students for their comments, if any. Chairman, Senate was also authorized to finalize the document by making changes before uploading on the website.

A suggestion was made to include the names of the thesis examiners in the final thesis (i.e. after the thesis has been successfully defended.) It was agreed that this is a good idea, also followed in many other places. This will help in transparency and building reputation of the Institute, as the Institute has been very careful in selecting highly respected researchers as thesis examiners. It was also agreed that in the request mail/letter sent to the examiners, it should be clarified that the names of the examiners will be included in the final thesis.

28.20 Recommendation/Report by PGC:

Senate considered the recommendation of the PGC made at its 2nd meeting held on 24.9.2014 and decided as under:

1. Recommendation at (i) regarding appointment of supervisor for students joining PhD program through rolling admission was approved.

2. Recommendation at (ii) regarding appointment of supervisor for students joining PhD program through direct admission may be considered in FM and its recommendation may be accepted and reported to Senate

3. In respect of recommendation at (iii), the Senate did not agree to application of the recommendation from retrospective effect. The Senate further desired that the matter regarding guidance by adjunct faculty who was earlier a faculty member of the Institute and appointment of co-supervisor may be referred back to PGC for reconsideration keeping in view the amount of work already done by a student etc. Whatever guidelines are evolved may not apply to cases (e.g. Dr. Haimonti and Dr. Srikanta) who have been allowed by Chairman, Senate, to continue guiding their PhD students. It was agreed that, in general, Adjunct Faculty may not be solo-guide of PhD students, as their tenure is also typically 2 years. It was felt that Adjunct faculty may be allowed to guide MTech students, though guidelines for this also will be evolved by the PGC.

(b)The Senate approved the following format of Research Plan to be submitted by the student towards comprehensive examination:

Title of Research Plan (Pg 1)

submitted by
Student Name
(Roll No.)

For Comprehensive Examination
Month, Year

Supervisor's Name

CONTENTS (Pg 2)

The expected length of the report is 30 to 50 pages.

(c) The Senate approved guidelines for dealing with the Ph.D. evaluation reports as per Appendix-V

28.21 Recommendation / Report by UGC:

The Senate considered the recommendations of the UGC placed at Appendix VI and decided as under:

1. Recommendation at Sl. No. 1 to remove any reference to streams in the BTech(CSE) program was deferred. It was decided to consider this issue after review of the B.Tech.(CSE) program is completed.

2. Recommendation at Sl. No. 2 to include BTP courses which are not completed to a full BTech project, in the count of maximal 8 credits that may be done with IP/IS/UR courses was approved.

3. Recommendation at Sl. No. 3 was not taken up for discussions and hence dropped.

28.22 Summary of graduating Ph.D. students

The Senate noted the summary of three graduating PhD. Students presented during the meeting.

The meeting ended with a vote of thanks to the Senate.

Appendix-I

INDRAPRASTHA INSTITUTE of INFORMATION TECHNOLOGY DELHI

Okhla Industrial Estate, Phase III
New Delhi 110020
www.iiitd.ac.in

Regulations for the BTech (CSE) Program

1. Preamble

IIIT Delhi aims to encourage research and innovation in Information Technology (IT) and allied areas. The objective of the BTech program in Computer Science and Engineering (CSE) is to prepare students to undertake careers involving innovation and problem solving using computational techniques and technologies, or to undertake advanced studies for research careers or to take up Entrepreneurship.

In order to give due importance to applied as well as theoretical aspects of computing, the curriculum for the BTech (CSE) program covers most of the foundational aspects of computing sciences, and also develops in students the engineering skills for problem solving using computing sciences.

Most engineering programs start with general courses in Sciences, and then migrate to specialized courses for the disciplines. While these courses are indeed foundational for many engineering disciplines, they can be treated as application domains (as is evidenced from the fact that most sciences and Engineering disciplines heavily use computing now). Hence, the BTech (CSE) program at IIIT-Delhi starts with computing oriented courses first, and allows the possibility of doing science courses later. Besides being better suited for a CSE program, it also enables the possibility of students seeing newer applications and possibilities of using computing in these subjects.

With this approach, the BTech (CSE) program can be divided broadly in two halves. The first half focuses on building the foundations, and is highly structured. The second part is for developing the skills and knowledge of the students in various topics – computing and application domains. This part also provides limited specializations, and different students may follow different paths and take different set of courses in it. Overall objectives of the B.Tech.(CSE) program are to help develop the following attributes in students:

1. Understanding of theoretical foundations and limits of computing
2. Understanding of computing at different levels of abstraction including circuits and computer architecture, operating systems, algorithms, and applications.
3. Ability to adapt established models, techniques, algorithms, data structures, etc. for efficiently solving new problems
4. Ability to design, implement, and evaluate computer based system or application to meet the desired needs using modern tools and methodologies
5. Ability to function effectively in teams to accomplish a common goal
6. An understanding of professional and ethical responsibility.
7. Ability to communicate effectively with a wide range of audience
8. Ability to self learn and engage in life-long learning

9. Understanding and ability to use advanced techniques and tools in different areas of computing
10. Ability to undertake small research tasks and projects
11. Ability to take an idea and develop into a business plan for an entrepreneurial venture (if desired)
12. An understanding of the impact of solutions in an economic, societal, and environment context.

This document specifies the specific regulations for the BTech (CSE) program – the general regulations for the BTech program are given in a separate document. These regulations are in addition to the regulations of the BTech program.

2. The Foundation Program and Core Courses

1. The Foundation program provides the basic knowledge about CS through a set of core courses, which are compulsory for all students. This program consists of four major streams: software, hardware, theory, and systems. Besides these, there are courses in Maths, communication skills, environment studies also as part of the core program.

2. The set of core courses are shown in the table below (courses mentioned in [ ] are electives and actual courses for these slots are as defined from semester to semester.)

	Sem 1	**Sem 2**	**Sem 3**	**Sem 4**
Software Stream	Intro to Programming	Data Structures and Algorithms	Advanced Programming	Databases and SQL
Hardware Stream	Digital circuits	Computer organization		
Theory Stream			Discrete Math	Algorithm Design and Analysis
Systems stream	System Management		Operating Systems	Computer Networks
Maths	Math 1 (Linear Algebra)	Math 2 (Probability and Statistics)		
Communications/HSS	Communication Skills	[HSS-1]	[[HSS-2]	Technical Communication (2 credits)
Other Courses			[Engineering Science/Math]	Environment studies (2 credits) [Engineering Science/Math]

3. The semester mentioned for the core courses is indicative and suggested, and they can be done later/earlier also. However, the pre-requisite requirements must be kept in mind by a student, if he/she wishes to do a core course in some other semester.

4. In the Engineering Science/Math course slots in second year, students can take only from the list of courses specified for those slots.

3. The Advanced Part and Streams

1. The rest of the program consists mostly of ***elective courses.*** An elective course is one which is not compulsory, and a student may have choices from which to select the courses he/she wants to do.

2. Some of the electives may be organized as ***streams,*** where a stream is a sequence of courses in an area providing a limited specialization in that area.

3. Besides electives and streams for specialized areas, streams and electives from domain areas (e.g. health, life sciences, finance, economics, E-Governance, sciences, etc.) may also be offered.
4. The number and nature of streams and electives will evolve and may change with time, providing the ability to accommodate the evolving nature of computing and its applications in the program. Some of the current streams are in these areas:

- Image Processing and Machine Intelligence
- Data Analytics
- Mobile Computing
- Security and Privacy
- Hardware
- Theory
- Finance
- Environment
- Economics
- Sciences (Physics, Biology)

5. There will also be a set of Humanities and Social Sciences (HSS) courses offered.

6. List of courses, and further information about the courses is available on the website: http://www.iiitd.ac.in/courses.php

4. Requirements for Graduation

For a BTech (CSE) degree, a student must satisfy all the following requirements:

1. Earn a total of 152 credits (equivalent to 38 full courses – 20 courses in the first two years, and 18 courses in the last two years.)

2. Successfully complete all the core courses.

3. Do at least 12 credits of Humanities and Social Sciences Courses.

4. Do 2 credits of Community Work and Self Development each. These are pass/fail credits, which are required to be completed, but do not count for fulfilling the credit requirement (i.e. these are in addition to the requirements mentioned above)

5. In the last four semesters, a do at least 32 credits of CSE courses. BTP/Independent project/Independent study/Undergraduate Research cannot count for this requirement. UGC may approve some other relevant courses (e.g. from Math, ECE, Computational Biology, etc.) to be counted as CSE courses for this purpose.

6. A BTech Project (BTP) is optional. A student opting for BTP, may take a total of 8 to 16 credits of BTP. In a semester, the student can normally register for at most 8 credits of BTP.

7. External BTP – A student may be permitted to do, with approval, a BTP of up to 12 credits in one semester in another organization like industry, research lab, another institution, etc. While doing External BTP, a student cannot register for any course in the Institute.

8. A student may take "Independent Project" or "Independent Study" or "Undergraduate Research" courses for 1, 2, or 4 credits. No more than 8 of these credits can count towards satisfying the credit requirements of the degree. Only students with satisfactory CGPA (at least 7.5) or with a strong interest in some area (the faculty advisor to determine this) can take these courses.

5. Honors Program

The BTech (CSE) program has the Honors option, requirements for which are same as specified in the regulations for the BTech program. Namely

1. The student must earn an additional 12 credits (i.e. must complete at least 164 credits)
2. The student's program must include a BTech Project
3. At graduation time, the student must have a CGPA of 8.0 or more

Change History

- Version 2.0 (Dec 2010). Main changes: Graduation requirements enhanced to 152 (8 more); system management, critical reading, and technical communication were made full 4 unit courses (and the 2 unit course in 4th year on interview skills was removed), and an additional Maths course (4 unit) was added in the second year.
- Version 2.1 (April 2012): This is now stated as requirements for CSE. Math 1 has been made a core course, and TOC has been made an elective. A design course introduced as core course in 2nd semester. The elective slots in 2nd year has been marked as Engineering Science/Maths and it has been clarified that in these slots, students can take only from the list of courses specified for them. Clarified that 2 credits of SG and 2 credits of CW must be done. Clarified that only 4 credits of BTP/IP/IS/UR can be counted for meeting the 8 credit CSE/Math per semester requirement. Clarification that total credits is 20 courses in first 2 years, and 18 in last two. BTP credit range changed to 8 to 16 credits.

- **July 2013 Release**
  Preamble modified
  Critical reading and Software Engineering removed from core
  In 2nd year, it is indicated that TCOM can be done
  Math 1 and Math 2 explained
  Intro to Engg Design added in 2nd sem as sequel to System Management
  Added the regulation for BTP External
  Changed the 8 CSE credits per semester to 32 CSE credits in last four semesters.

  July, 2014 release: Only a few minor changes done

  November, 2014 release: Program Objectives added

Appendix-II

Admission to B.Tech. Programs -2015

Admission criteria

Admission will be based on the total marks obtained in Paper 1 of JEE Main 2015 and normalized score in Class 12th as provided by JEE (60% & 40% weightage respectively). In addition up to 10 bonus marks will be given to candidates as mentioned……..

Eligibility

A candidate who has secured 80 percent or more marks in aggregate (including Physics, Chemistry and Math) and 80% or more in Mathematics in class XII from CBSE/ICSE/IB board or equivalent is eligible for applying to IIIT-D. This requirement is in addition to the marks obtained in Paper 1 of JEE (Main) 2015 and normalized score in Class 12th.

However, if the result of 10+2 is not declared by the last date of applying, the student is not eligible for this year's admission process. If the board has more than five subjects for aggregate, the best five will be taken into account. No candidate without proof of at least 80% in aggregate(including Physics, Chemistry and Math) and 80% in Mathematics will be entertained for admission even if he/she qualifies the JEE (Main) 2015..

Age criteria

A candidate should be less than 25 years of age as on the first October 2015.

Relaxation in eligibility condition for reserved categories

Candidates belonging to the following categories, who apply for seats reserved for them, shall be allowed a relaxation in the eligibility requirement. The relaxation is applicable both in Mathematics and overall percentage as detailed below:

(a)**Scheduled Castes (SC):** A relaxation of 10 per cent marks in the eligibility requirements for the seats reserved for them.

(b)**Scheduled Tribes (ST):** A relaxation of 10 percent marks in the eligibility requirements for the seats reserved for them.

(c)**OBC:** A relaxation of 5 percent marks in the eligibility requirements for the seats reserved for them.

(d)**Defence**:A relaxation of 5 percent marks in the eligibility requirements for the seats reserved for them.

(e)**Persons with Disability (PwD):** A relaxation of 5 percent marks in the eligibility requirements for the seats reserved for them.

(f)**Kashmiri Migrants (KM):** One seat, which will be supernumerary in nature, is earmarked for Kashmiri migrants.

NOTE:

i. In the case of category(a) and (b), the vacant seats are interchangeable (Not applicable for Delhi region). Any seat left vacant after conversion from (a) to (b) or vice-versa will be treated as unreserved.

ii. In case sufficient numbers of eligible candidates from category mentioned at (c), (d) and (e) are not available, the vacancies will be **treated as unreserved**.

iii. The reservation under Defence category is available only to such candidates who fall under the seven priorities listed below.

iv. It is the sole responsibility of the candidate to prove his/her eligibility for claiming reservation under any of the reserved categories. The candidates under SC/ST/Defence/PwD categories will be required to produce the original certificate of the respective reserved category issued by the competent authority at the time of counseling. If the category certificate is not found to be in order, no benefit of the reserved category will be given.

Appendix-III

ACADEMIC CALENDAR

(Winter Semester 2015 - 30 Dec 2014-6 May 2015)

Week 0 (January)						Week 1 (January)						Week 2 (January)						Week 3 (January)					
Tue	Wed	Thurs	Fri	Sat	Sun	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat
30	31	1	2	3	4	5	6	7	8	9	10	12	13	14	15	16	17	19	20	21	22	23	24
End of Winter Vacations		New Year H	3 Days Module for BTech students			1st Day of Class		Last day for Late Regn.		Last day for course Add/ Drop													

Week 4 (January)						Week 5 (February)						Week 6 (February)						Week 7 (February)					
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat
26	27	28	29	30	31	2	3	4	5	6	7	9	10	11	12	13	14	16	17	18	19	20	21
Republic Day				Odyssey							TT - FRI												
GH																							

Week 8 (February)						Week 9 (March)-Mid Recess						Week 10 (March)						Week 11 (March)					
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat
23	24	25	26	27	28	2	3	4	5	6	7	9	10	11	12	13	14	16	17	18	19	20	21
Mid-Sem Examinations Week										Holi						Research Showcase		Last day for Late Drop*					
										GH													

Week 12 (March)						Week 13 (March-April)						Week 14 (April)						Week 15 (April)					
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thurs	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat
23	24	25	26	27	28	30	31	1	2	3	4	6	7	8	9	10	11	13	14	15	16	17	18
					Ram Navmi				Mahavir Jayanti	Good Friday							TT-THURS		TT-FRI	Pre-Registration Starts			
					GH				GH	GH													

Week 16 (April)						Week 17 (April-May)						Week 18 (May)						Week 19 (May)					
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thurs	Fri	Sat
20	21	22	23	24	25	27	28	29	30	1	2	4	5	6	7	8	9	11	12	13	14	15	16
	BTP Submission									BTP Presentation		Buddha Purnima		Moderation Meeting	Summer Vacation starts	Pre-Registration Ends	Announcement of Grades (tentative)						
	Last Day of the		End-Sem Examinations/Labs/Demos/Projects									GH											

H: Holidays **GH: Gazetted Holidays**

1 Jan (Thurs)	New Year Day	26 Jan (Mon)	Republic Day	6 Mar (Fri)	Holi
28 Mar (Sat)	Ram Navmi	2 Apr (Thur)	Mahavir Jayanti	3 Apr (Fri)	Good Friday
4 May (Mon)	Buddha Purnima				

Summer Vacation : 7th May 2015 onwards

*Note: Late Drop for a 2 Credits Course(Offered for half a seemster) can be done till 2/3rd of the course is done.

Appendix-IV

Modification of PG Regulations for handling different disciplines

Clause No.	Existing Provision	Proposed modifications
1	**General** (1) This document gives the general regulations applicable to all MTech and PhD programs. Specific requirements for a particular MTech program (e.g. MTech in Computer Science and Engineering) are specified in regulations for that program. (2) While the Senate is the main statutory body for all academic matters, the Postgraduate Committee (PGC), a standing committee of Senate, shall oversee matters related to the postgraduate program. This committee shall be appointed by the Senate and shall have a term of two years. It may consist of Faculty members, Research staff, and members of the Senate. In addition, there will be at least one student representative, who will be a full time PG student of the Institute.	**1.General** (1) This document gives the general regulations applicable to all MTech and PhD programs. Specific requirements for a particular MTech program (e.g. MTech in Computer Science and Engineering) are specified in regulations for that program. For PhD, special requirements for different disciplines (e.g. CSE, ECE) are given at the end of this document – these special requirements have to be satisfied by PhD students in that discipline. (2) While the Senate is the main statutory body for all academic matters, the Postgraduate Committee (PGC), a standing committee of Senate, shall oversee matters related to the postgraduate program. The committee will comprise of a PhD coordinator for each of the disciplines, program coordinators for all MTech programs, the UG Committee Chair, and at least one student representative who will be a full time PG student of the Institute. The committee may coopt, with permission of Chairman, Senate, other Faculty members, Students, Research staff, and members of the Senate in PGC.
6	(5)An MTech student can change his/her program to PhD and continue to do the course/research work to enable him/her to meet the	(5) An MTech student can change his/her program, if permitted, to PhD and continue to do the course/research work to enable him/her to meet the

	requirements of the PhD degree. The student will be eligible for PhD stipends only from the time he/she enrolls as PhD student. Such a student, for PhD credit requirement, may be treated as if he/she had joined the PhD program from the start of the PG program. The student may be granted an MTech also, provided he/she fulfils requirements for the same. Such a student may also be refunded his/her MTech tuition fee, if he/she successfully completes the PhD program.	requirements of the PhD degree. The student will be eligible for PhD stipends only from the time he/she is enrolled as PhD student. Such a student, for PhD credit requirement, may be treated as if he/she had joined the PhD program from the start of the PG program. The student may be granted an MTech also, provided he/she fulfils requirements for the same. Such a student may also be refunded his/her MTech tuition fee, if he/she successfully completes the PhD program.
15	**(6) Monitoring Committee** a. The PG Committee shall form a monitoring committee for each candidate, whose task will be to independently monitor and report on the progress of the candidate. The committee should generally be formed before the end of the candidate's second semester in the program. The monitoring committee shall consist of at least one supervisor and at least two other experts, who may be faculty members of the Institute. The monitoring committee shall submit its evaluation about the progress of the candidate, at least once a year. If the monitoring committee feels that the candidate is not making sufficient progress, it may recommend suitable actions to be taken.	**(6) Monitoring Committee and Yearly Review / Yearly Seminar** a. The PG Committee shall form a monitoring committee for each candidate, whose task will be to independently monitor and report on the progress of the candidate. The committee should generally be formed before the end of the candidate's second semester in the program, and should consist of at least three faculty members/experts. b. The monitoring committee shall submit its evaluation about the progress of the candidate, at least once a year. If the monitoring committee feels that the candidate is not making sufficient progress, it may recommend suitable actions to be taken, including recommending that the student leave the PhD program or migrate to MTech, as given in 6(3). This review may be done by requiring the PhD students to make presentations about their progress, or through some other method.

	(8) Regular Seminars a. This requirement is included to develop the confidence in presentations by the PhD students, as well as provide a forum for the student to present his/her work (perhaps before taking it to a wider audience.) Each PhD student is expected to give at least one seminar each year in the Institute. It is expected that the later seminars will be based on the student's PhD research work. During his/her stay, the PhD student must give at least two such seminars. Each seminar will also be used as an indicator of progress, and shall be attended by the monitoring committee of the candidate, which shall submit a report to the PG Committee.	**(8) Regular Seminars / Yearly Review** The requirement for regular seminar or a yearly review is moved to item (6)
19	-	**Special Discipline-Specific Requirements for PhD** (1) **Special Requirements for CSE** None (2) **Special Requirements for ECE** a) The first yearly review will be done through a viva-voce, in a manner as specified and notified by the PhD coordinator for ECE. b) Students joining the PhD program with MTech degree will need to do at least 20 credits of course work.

Appendix-V

Revised guidelines to deal with PhD Thesis Evaluation Reports

Guidelines to deal with the reports:

i. The student should address all the issues raised by the examiners; prepare a summary sheet listing the comments made by the examiners and his/her responses thereto. He should clearly state how he/she has addressed each issue raised by the examiner. Modify his/her thesis, wherever required. He/she has to submit the revised version of thesis within three months. If more time is needed, a request may be made for the same.

ii. The revised version of the thesis and the summary sheet showing the changes made by the student, to be forwarded by the supervisor with his endorsement that the changes have been made to his/her satisfaction. The same will be then sent to **all** the examiners at least 1 week before the defense.

"Category (C)" – Additional Provision

iii. To resend the revised thesis along with the summary sheet (received through the supervisor) to all the examiners who made the remark as Category C. They will be given 4 weeks time to submit their reports on the new form.

If more than 4 weeks time is needed to arrive at the decision, the examiner may write to the Institute informing us of the need for more time. If the Institute does not hear back from the examiner in 4 weeks time, then the Institute will assume that the revisions are adequate, and have addressed the issues raised.

iv. The PhD defense of the student will be scheduled once all examiners have agreed that the thesis addresses the issues that they each have raised.

Note: The existing PhD evaluation form need not be changed.

Appendix-VI

Recommendations/Report by UGC

Senate Meeting, 30. December 2014

1. It is suggested to remove any reference to streams in the BTech(CSE) program (BTech(CSE) regulations, 3.3-3.6).

   Reason: The concept of streams had been introduced to give BTech students some guidance for course registration at the time when there were no senior batches or MTech programs. Some courses had been distinguished as contributing to a stream (area of expertise). By completing at least 12 credits of a stream this would be acknowledged in the final transcript with a respective footnote. While this was helpful for the early BTech batches, it later became challenging to maintain an updated list of stream courses, due to new courses evolving, and others not being offered anymore. On the other, IIIT-D now has established research groups and MTech programs with specialization, so that students have a rather clear view on which courses are essential to obtain expertise in a certain area. Therefore there seems to be no need to continue with the concepts of streams in CSE.

2. It is suggested to include BTP courses which are not completed to a full BTech project, in the count of maximal 8 credits that may be done with IP/IS/UR courses. For incomplete BTPs the transcript may contain a footnote that the particular BTP courses were not completed to a full BTech project.

   Reason: BTech Projects range over at least two semesters. The registration for the first BPT course has an implicit commitment that the BTP will be continued in the next semester. While there may be good reasons not to do so in particular cases, it has been observed that students start a BTP project in one semester, but then do not continue it in the next semester without discussion with the supervisor. For clarity and to avoid that discontinued BTPs are used to register for more project courses than permitted by the current regulations the above proposal is made.

3. In the 26th senate meeting, the credit requirement concerning the courses Environmental Sciences and Technical Communication had been reduced to 2 credits from formerly 4 credits. Accordingly, theses courses are offered in Winter Semester 2015 with 2 credits each for the current 2nd year BTech(CSE) batch . However, there are 48 students in this batch which have already completed a 4 credit of Environmental Science course in Monsoon Semester 2014. It is suggested to offer for these students a 2 credit course on Biology, and to let this be on a par with having cleared two credits of Environmental Sciences and 4 credits of science courses.