



AGENDA

Thirty first (31st) Meeting of SENATE of

Indraprastha Institute of Information Technology Delhi

Date: **01 December, 2015**

Day: **Tuesday**

Time: **03.30 PM**

Venue: **Senate Room, B-wing, 5th Floor,
R&D Building, IIIT-D Campus,
Okhla Industrial Estate, Phase-III,
New Delhi-110020**

INDEX

Pnt No.	Description																					
31.1	Opening remarks of the Chairman, Senate																					
31.2	Confirmation of minutes of the 30 th meeting of the Senate held on 18.8.2015																					
31.3	Approval of Academic Calendar for Winter Semester 2016																					
31.4	Approval from AICTE																					
31.5	Approval for NBA Accreditation and proposed action for implementation.																					
31.6	To consider formation of Panel for selection committees for CSE, ECE, CB, and Math.																					
31.7	To consider a proposal to allow a BTech student to do "extra credits".																					
31.8	To report attendance in the UG Core Courses																					
31.9	Recommendation / Report by UGC																					
31.10	Bonus Marks for BTech Admissions in 2016																					
31.11	To consider modification of the M.Tech.(CB) regulation																					
31.12	To consider allocation of seats for admission to M.Tech. programs in the Academic Year 2016-17.																					
31.13	Recommendation / Report by PGC																					
31.14	To report the status of Rolling PhD Admissions																					
31.15	Any other item with permission of the Chair																					
	<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Annexure No.</th> <th style="text-align: center;">–</th> <th style="text-align: left;">Item No.</th> </tr> </thead> <tbody> <tr> <td>Annexure-I</td> <td style="text-align: center;">–</td> <td>31.2, PNo. 9</td> </tr> <tr> <td>Annexure-II</td> <td style="text-align: center;">–</td> <td>31.3, PNo.29</td> </tr> <tr> <td>Annexure-III</td> <td style="text-align: center;">--</td> <td>31.5, PNo. 30</td> </tr> <tr> <td>Annexure-IV</td> <td style="text-align: center;">--</td> <td>31.9, PNo. 35</td> </tr> <tr> <td>Annexure-V</td> <td style="text-align: center;">--</td> <td>31.10, PNo. 36</td> </tr> <tr> <td>Annexure-VI</td> <td style="text-align: center;">--</td> <td>31.11, PNo. 41 & 44</td> </tr> </tbody> </table>	Annexure No.	–	Item No.	Annexure-I	–	31.2, PNo. 9	Annexure-II	–	31.3, PNo.29	Annexure-III	--	31.5, PNo. 30	Annexure-IV	--	31.9, PNo. 35	Annexure-V	--	31.10, PNo. 36	Annexure-VI	--	31.11, PNo. 41 & 44
Annexure No.	–	Item No.																				
Annexure-I	–	31.2, PNo. 9																				
Annexure-II	–	31.3, PNo.29																				
Annexure-III	--	31.5, PNo. 30																				
Annexure-IV	--	31.9, PNo. 35																				
Annexure-V	--	31.10, PNo. 36																				
Annexure-VI	--	31.11, PNo. 41 & 44																				

THIRTY FIRST (31ST) MEETING OF SENATE OF IIIT-DELHI
AGENDA

GENERAL

31.1 Opening remarks of the Chairman, Senate

31.2 Confirmation of minutes of the 30th meeting of the Senate held on 18.8.2015.

The minutes of the 30th meeting of the Senate, placed at [Annexure-I, P9](#) were circulated among the members. No comments have been received so far. The Senate may consider the same for confirmation.

31.3 Approval of Academic Calendar for Winter Semester 2016

A copy of the Academic Calendar for Winter Semester 2016 is placed at [Annexure-II, P 29](#) [for approval.](#)

31.4 Approval from AICTE

After continued efforts and the meeting of the Director with the Chairman, AICTE, the AICTE has given approval for change of site, two additional PG programs i.e. M.Tech. in Mobile Computing and M.Tech. in ECE (VLSI) from AY 2014-15 and extension of approval for the Academic year 2015-16.

31.5 Approval for NBA Accreditation and proposed action for implementation.

Approval for NBA accreditation for B.Tech. (CSE) has been received and the same is valid for 5 years.

During the visit the Expert committee has made certain suggestions for improvement as per details given in the [Annexure-III, P 30](#). The suggestions are being examined by internal committee of the institute for taking suitable measures.

FACULTY MATTERS

31.6 To consider formation of Panel for selection committees for CSE, ECE, CB, and Math.:

As per the IIIT-D Statutes, a selection committee has “Three experts not connected with the Institute to be nominated by the Chairman Board of Governors from a panel of not less than

seven names approved by the Senate for each post.” Our current selection committee has been in place for about 2 years, and it is desirable to form a new one.

A note for names of experts for possible inclusion in panel will be tabled in the meeting.

List of experts of the last few selection committees will also be tabled – due to the requirements of the particular selection some additional experts were included for those committees, with approval of the Chairman.

UG ISSUES

31.7 To consider a proposal to allow a BTech student to do “extra credits”.

At present the B.Tech. students are required to do a minimum of 152 credits for completion of B.Tech. requirement. Any credits done beyond 152 are counted towards their total credits and contribute towards CGPA calculation. Based on the discussions held recently it is proposed to allow B.Tech. students to replace the worst grades for ‘N’ credits of elective courses, with a maximum limit of 8 credits. The grades so replaced will not count towards CGPA.

Senate may kindly consider and decide.

31.8 To report attendance in the UG Core Courses

The Senate at its 30th meeting held on 18.8.2015 while confirming the minutes of the previous meeting (29th meeting of the Senate) held on 21st April,2015 had observed/decided as under:

“Director informed the members that the item regarding the policy for attendance was not announced as an agenda item (it was discussed as part of another item) and student inputs were not taken for the same (student members were also not present). Hence, he recommends that we keep the older policy till discussions and inputs from Students have been taken. In view of these comments the Senate modified the minutes under item No. 29.21 as under:

“Chairman, Senate apprised the members of the earlier decision of the Senate on attendance vide its 26th meeting held on 25th June,2014 and the data presented in the summary sheet. The Senate noted that average attendance of students taken so far on random basis falls below the threshold. After detailed deliberations the Senate decided as under:

It was agreed to re-discuss the issue of attendance policy by taking students' inputs for the same and in the meantime the older policy will continue till discussions and inputs from students have been taken.”

Pursuant to the above decision of the Senate the summary of attendance in the core Courses run during Monsoon 2015 has been prepared as at [Annexure-IV, P 35](#)

The above position is placed before the Senate for information/guidance.

31.9 Recommendation / Report by UGC

(i) To consider the recommendation for reconstitution of UGC

The UGC at its 3rd meeting held on 7.10.2015, after considering the need for making changes in the existing UGC constitution, has recommended for approval the revised constitution of UGC as given below:

1. Dr. Anubha Gupta- Chair, UGC
2. Dr. Astrid Kiehn - Past UGC Chair
3. Dr. Vinayak Nair - PGC Chair
4. Prof. Samaresh Chatterji - Member
5. UG - CSE Coordinator
6. UG- ECE Coordinator
7. Students' Representative (UG-CSE)
8. Students' Representative (UG-ECE)

Ms. Sheetu Ahuja- Standing Special Invitee
Ms. Anshu Dureja- Secretary

Senate may kindly consider and approve.

(ii) To consider recommendation of UGC for discontinuation of streams in UG programs

The UGC at its 3rd meeting held on 7.10.2015 discussed the issue related to streams in the UG programs and made the following recommendations for approval:

“Chair UGC apprised the members of the discussions in progress on whether to continue with CSE Streams. Currently, a small line on stream completion is writing on the final transcripts issued to a student completing certain no. of courses belonging to a stream. Some of the difficulties identified with operationalization of streams are: (i) students not able to fulfill stream criteria because of faculty, belonging to a stream, leaving the institute (ii) Administrative overload (iii) no utility to students at the time of placement or at the time of applying for higher studies abroad, (iv) no special importance in the outside world. After detailed discussions, it was decided that, henceforth, streams will be discontinued

officially. However, unofficially students may be guided about the courses belonging to a certain area during the course counseling session conducted at the beginning of the semester.”

The Senate may kindly consider and approve.

(iii) To consider guidelines for registration and evaluation of IP/UR/IS

The UGC at its 4th meeting held on 18.11.2015 discussed the issues related to registration and evaluation of IP/UR/IS and made the following recommendations for approval:

“ IP/IS/UR evaluation form

Chair UGC apprised the members of the draft IP/IS/UR form. It was noted that the form has to be filled mutually by the student and the advisor. All the members were of the view that such a detailed form may seem to add overhead and hence, detailed discussion points of each interaction between the advisor and the student need not be recorded in this form. However, general information like number of meetings may be recorded. The revised version of the form is attached as Appendix I.

Detailed guidelines and related forms are placed at [Annexure V, P36](#)

31.10 Bonus Marks for BTech Admissions in 2016

Registrar will present this item at the time of meeting.

M.TECH. ISSUES

31.11 To consider modification of the M.Tech.(CB) regulation

The Senate at its special meeting held on 28th May,2014 had approved starting of M.Tech. program in Computational Biology (CB) from Academic year 2014-15 with an intake of 24. However, due to inadequate response from the candidates the starting of the program from academic year 2014-15 was deferred. Subsequently, the Senate at its 29th meeting held on 21st April 2015 considered the proposal to start the program from Academic Year 2015-16 and observed / decided as under:

"Chairman, Senate apprised the members of the earlier decision of the Senate where the M.Tech. program in Computational Biology (CB) was initially approved. However, due to inadequate response from the candidates the starting of the program from academic year 2014-15 was deferred. He informed that thereafter, the program has been reviewed and it is proposed to open to other disciplines also (other than CS/IT). Dr. Sriram K. presented the salient features of the proposal and answered the queries made by the members. The Senate approved the proposal after making changes in the eligibility criteria as per Appendix-

IV. The Senate also suggested that the program be reviewed by some experts in the area, and authorized the Chairman, Senate to make appropriate changes based on that. Suitable changes in existing Regulation are to be done, which will be approved by the Chairman."

Pursuant to the above suggestions of the Senate the program has been reviewed by the experts from both academics and industries. The revised program has also been approved by the Chairman, Senate and a copy of the same is placed at [Annexure-VI-P41](#) for information. Keeping in view the changes made in the program, the M.Tech. (CB) regulation has been modified and a copy of the same is placed at [Annexure-VII- P44](#) for consideration/approval of the Senate.

31.12 To consider allocation of seats for admission to M.Tech. programs in the Academic Year 2016-17.

At present there are 98 GATE fellowships sanctioned by the AICTE as follow:

Computer Science -25
Information Security -25
Mobile Technology -24
Electronics & Comm. -24

98

Keeping in view the past experiences it is proposed to allocate seats for admission to M.Tech. programs as follow with a provision for an increase up to 10% in each specialization to take care of the drop outs:

Program	No. of seats sanctioned last year	No. of seats filled last year	No. of seats proposed for 2016-17
M.Tech. (CSE)	80	63	80
M.Tech. (ECE)	40	39	60
M.Tech. (CB)	20	12	24
Total	140	114	164

Senate may kindly consider and approve the above proposal.

31.13 Recommendation / Report by PGC:

a) The PGC at its 10th PGC meeting held on 30.9.2015 discussed the implementation of

Industrial Project and Replacement of courses, and decided as under:

1. When a student goes for an industrial project, there will no longer be a requirement that all code developed by the student will be co-owned by IIITD and will be released in open-source. However, a report about the work has to be submitted by the student to IIITD on the completion of the project.
2. The students will be allowed to do Industrial Projects in approved companies/organizations. The revised list of companies is attached.
3. Students interested in doing Industrial Project should do at least 32 credits of course work in one's own discipline (out of 40 or 44 credits, depending on whether you do 4/8 credits of industrial project).
4. Replacement of a course will not be allowed by Independent Project/Independent Study (IP/IS)”

The above is placed before the Senate for information.

Ph.D Issues

31.14 To report the status of Rolling PhD Admissions

Rolling PhD admissions:

The following students have been admitted under Rolling PhD
(Will be placed on table)

31.15 Any other item with permission of the Chair



Minutes of the 30th Senate meeting of IIT-D held on 18th August, 2015 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
- Prof. Shreekant Gupta - External Member
- Prof. Dheeraj Sanghi - Ex-Officio Internal Member
- Dr. Astrid Kiehn - Ex-Officio Internal Member
- Dr. Vinayak Naik - Ex-Officio Internal Member
- Dr. Anubha Gupta - Ex-Officio Internal Member
- Dr. Pushpendra Singh - Ex-Officio Internal Member
- Prof. G.S. Visweswaran - Ex-Officio Internal Member
- Dr. Angshul Majumdar - Internal Member
- Dr. Sriram K. - Internal Member
- Dr. Sujay Deb - Internal Member
- Mr. Ashwani Kumar Kansal - Secretary
- Ms. Sheya Singh - UG Students' Representative

Following member attended via telecon:

- Prof. Anshul Kumar - External Member

Special Invitees:

- Prof. Samaresh Chatterji - Faculty-IITD
- Mr. K.P. Singh - Academic Incharge
- Ms. Sheetu Ahuja - AM(Academics)
- Mr. Ashutosh Brahma - JM (Academic)
- Ms. Priti Patel - JM (Academic)

THIRTIETH (30th) MEETING OF SENATE OF IIT-DELHI
MINUTES OF THE MEETING
(held on 18th August, 2015)

General

30.1 Opening remarks of the Chairman.

At the outset, the Chairman welcomed all to the meeting. He introduced the new academic team to Senate, viz. Prof. Dheeraj Sanghi, DOAA, Dr.Astrid Kiehn, Associate Dean (Academic Affairs), Dr.Vinayak Naik, Chair, PGC, Dr. Anubha Gupta, Chair, UGC and Prof. G. S. Visweswaran, Dean Students Welfare. Thereafter, agenda items were taken up for discussions.

30.2 Confirmation of minutes of the 29th meeting of the Senate held on 21st April,2015.

Director informed the members that the item regarding the policy for attendance was not announced as an agenda item (it was discussed as part of another item) and student inputs were not taken for the same (student members were also not present). Hence, he recommends that we keep the older policy till discussions and inputs from Students have been taken. In view of these comments the Senate modified the minutes under item No. 29.21 as under:

“Chairman, Senate apprised the members of the earlier decision of the Senate on attendance vide its 26th meeting held on 25th June,2014 and the data presented in the summary sheet. The Senate noted that average attendance of students taken so far on random basis falls below the threshold. After detailed deliberations the Senate decided as under:

It was agreed to re-discuss the issue of attendance policy by taking students’ inputs for the same and in the meantime the older policy will continue till discussions and inputs from students have been taken.

With the above changes the Senate confirmed the minutes of the 29th meeting held on 21st April,2015

30.3 Approval of Academic Calendar for Monsoon Semester 2015

The Senate approved the Academic Calendar for Monsoon Semester 2015 placed at [Appendix-I](#). Senate noted the modification due to an additional holiday on the occasion of Diwali and compensating that by having a working Saturday.

30.4 To report the summary of Grade Change for Winter Semester 2015

The Senate noted the position.

30.5 To report the students who are on semester leave during Monsoon Semester 2015

The Senate noted the position.

30.6 To report the new courses approved during the last year (2014-15)

The Senate noted the position.

30.7 To report extension of term of the existing Senate members till August, 2015 or till the composition of the new Senate.

Senate ratified the approval given by Chairman, Senate for extension of the term of the existing Senate members till August, 2015 or till the composition of the new Senate.

30.8 To report the release of UG/PG Regulations and Handbooks

- Regulations for BTech. Programs
- Regulations for MTech (CSE)
- Regulations for MTech (ECE)
- Regulations for MTech./Ph.D. Programs
- Regulations for BTech (CSE)
- Regulations for BTech (ECE)
- Regulations for Dual Degree programs
- Student Handbook
- MTech Student Handbook
- PhD Student Handbook

The Senate noted the release of above regulations and Handbooks.

30.9 To apprise the Senate about holding of 4th Convocation and related issues

Chairman, Senate informed the members that due to sad and sudden demise of Dr. APJ Abdul Kalam the institute had contacted Ms. Aruna Jayanthi, CEO, Capgemini who has kindly agreed to be the Chief Guest of the 4th Convocation as per schedule already announced.

30.10 Tentative list of students likely to graduate as on 21 May, 2015 and 21 August,2015

The Senate noted that students mentioned in the table below are eligible to graduate in 2015:

Program	Discipline	No. of students
Ph.D.	CSE	3
M.Tech	CSE	75
M.Tech	ECE	30
M.Tech (Dual Degree)	CSE	4
B.Tech	CSE	109
Total:		221

The Senate approved the above as per list of eligible students, degree-wise, placed at [Appendix-II](#). Chairman, Senate was also authorized to approve and include any further result of students before the Convocation.

30.11 To consider recommendation for various Awards/Medals for the year 2015

Chairman, Senate apprised the members of the recommendations made by the various committees constituted for recommending the awards. The Senate agreed to the recommendations and approved the following awards:

Chancellor's Gold Medal:

ADITYA GUPTA – CGPA: 9.84
2011009

All Round Performance Medal:

SIDDHARTH GUPTA - CGPA: 8.33.
2011110

Brief Profile:

The award committee had recommended to give the award to Siddharth Gupta, in recognition of his service to the institute, extra-academic work (such as the founding of the club INK, and design), and his making himself available as a go-to person for all organizational purposes. The Opine feedback system development was also led by Siddharth Gupta.

Best BTP Project award:

Engineering Track:

No award to be given this year.

Research Track:

RISHAV JAIN (CSE) - CGPA: 8.37
2011088

BTP Title: Distributed Fault Tolerant Multi-Robot area coverage under limited communication ranges

Entrepreneurship Track:

No nomination was received and hence no award to be given this year

Best MTech thesis award

ARITRA DHAR (CSE) – CGPA: 9.38
MT12004

Thesis Title - Clotho: Saving Programs from Malformed Strings and Incorrect String-handling

30.12 To report revision of B.Tech. (CSE) program

The Senate approved the revised course curriculum of B.Tech.(CSE) program of the first 2 years as per [Appendix-III](#)

30.13 To report revision of B.Tech. (ECE) program

The Senate approved the revised course curriculum of B.Tech.(ECE) program of first 2 years as per [Appendix-IV](#)

30.14 To report the number of B.Tech. students migrated to Dual Degree program during academic year 2015-16

The Senate noted the migration of following student to Dual Degree program during academic year 2015-16:

S.No.	Roll No.	Programme	Name
1	2012121	BTech(ECE)	Abhinav Agarwal

30.15 To report the status of B.Tech. admission for academic year 2015-16

Chairman, Senate apprised the members of the admissions made to the various academic programs through (i) JAC and (ii) DASA. The Registrar, Mr. Ashwani Kumar Kansal

clarified and responded to the queries made by some of the members about the BTech admission. He also informed that 6 students are eligible for Chairman's merit scholarship as per their ranks. The Senate also noted the discipline-wise/ Category-wise cut off ranks of the students admitted to IIIT-D and the number of students applied for bonus marks, verification process followed and the number of students who joined with bonus marks as per details given in the summary sheets. After detailed deliberations the Senate expressed satisfaction for successfully completing the various admissions and accepted the newly admitted students.

Also the student's representative present in the meeting was requested to come up with suggestions for addition/deletion of categories of bonus marks for next year admissions.

30.16 To consider the proposal of awarding Chancellor's Gold Medal to only Honors students, and to explore other ways to encourage students to opt for Honors.

Chairman, Senate apprised the members of the existing guidelines for award of Chancellor's Gold Medal. He also informed that at present many students who are eligible for Honors do not opt for it. Honors was meant to be a program for students who can excel and take on more challenges. In order to make Honors more prestigious and sought after the members were requested to consider and suggest ways to encourage students to opt for Honors. It was noted that Chairman has already approved that in this convocation Honors students will be called first to receive their degrees before the regular BTech students.

During the course of deliberations some members suggested that (i) Institute's website should have Honor's roll or Dean's list which should list the students getting honors (ii)

Special dinner could also be organized to honor such students. After detailed discussions it was decided not to make any change in the existing guidelines for Chancellor's gold medal for the time being. However, the Senate desired to relook into the proposal in the light of the suggestions made at the time of the meeting and come back with appropriate recommendations for further consideration by the Senate.

30.17 Clarification on Branch transfer of BTech. students from ECE to CSE and vice- versa

Chairman, Senate apprised the members of the existing rules for Branch transfer from ECE to CSE and vice- versa and the proposed clarification. After detailed deliberations the Senate approved that for computing the 10%, the student strength at the end of second semester (1st July), not counting the repeaters, will be taken

30.18 To ratify the decision taken by the Chairman, Senate to allow registration of an online course (OC) in addition to IP/IS/UR in a semester.

The Senate ratified the decision taken by the Chairman, Senate to allow registration of online course (OC) as regular courses and not in category of IP/IS/UR.

It was also clarified that the limit "one course in a semester" for OC means that "no more than 4 credits of OC can be taken in a semester".

Arising out of discussions the PGC was requested to consider the matter in detail and give necessary clarifications in respect of PG students for doing online course (OC).

30.19 To report the decision of Directorate of Higher Education, Govt. of NCT of Delhi for grant of reservation in admission to the wards of Gallantry of Police, Paramilitary Forces and Fire Service Personnel

The Senate noted the position.

30.20 To consider Recommendation / Report by UGC

- (i) The Senate briefly discussed the issue 'whether BTP can only be done in the branch of study or not' and desired that in the light of the discussions held at the time of meeting, the UGC should first discuss the matter and make appropriate recommendation for further consideration of the Senate. The Senate suggested that till the time new guidelines are made for this, one of the regular faculty members should be one of the BTP supervisors.
- (ii) The Senate clarified that credit limit of 8 for graduation for IP/IS/UR altogether applies to all streams.

30.21 To report the status of M.Tech. Admission for the Academic year 2015-16

The Senate noted with satisfaction the details of admissions made to various M.Tech. programs for the Academic year 2015-16 and accepted the newly admitted students.

30.22 To report starting of M.Tech. program in Computational Biology (CB) from the Academic year 2015-16

The Senate noted with satisfaction the starting of M.Tech. program in Computational Biology (CB) from the Academic year 2015-16

30.23 To consider a proposal to float a 2-credit programming course (refresher) course for new M. Tech CSE/ECE/CB

Chairman, Senate apprised the members of the proposal to float a 2-credit programming project (refresher) course in the first semester. He informed that the proposal is aimed at improving the programming ability of the incoming MTech CSE/ECE/CB students (whose background is often weak and who have often not done much programming earlier). At the end of the course the students are expected to have developed the ability to write sizable programs using good practices and tools. The course plan has been discussed with various faculty members. After detailed discussions the Senate agreed to the proposal to float a 2-credit programming project (refresher) course for new M. Tech CSE/ECE/CB on trial basis. Being a refresher course, its credits will not count towards degree requirements for

M.Tech; the grades will also not count towards CGPA.

The Senate also agreed to later discuss the possibility of adding another 2-credit refresher course in 2nd Semester for the incoming M.Tech. students. It was observed that this extra 2 credit course will not disturb the plans of most M.Tech. students since as per registration data of the last few years, most students take 3 courses in the 2nd semester also.

30.24 Recommendation / Report by PGC There

was no reporting item from PGC.

30.25 To report the status of Rolling Ph.D. Admission

The Senate noted the position.

30.26 To consider the issues related to payment of fees by Ph.D. students and grant of fee waiver to Sponsored students

This item was dropped. The Academic Section was advised to work out proposal separately and put up for approval of the competent authority.

30.27 To report status of Writ Petition (C) No. 3858/2014 filed by Mr. Madhur Hasija

The Senate noted that as per order dated 2nd December, 2014 of the Hon'ble Delhi High Court, Mr. Madhur Hasija had given his acceptance for shifting to M.Tech. program. Therefore, he was no longer a Ph.D. student. As per letter dated 3.2.2015 he was asked to complete the registration formality for M.Tech. program within a week. Subsequently through emails dated 20.2.2015 and 20.3.2015 he was again asked to complete the registration process and to pay the M.Tech. fee but he has neither completed the registration formality for M.Tech. program nor paid the fees despite reminders dated 7.4.2015 and 12.5.2015. Instead he has sent another letter dated 25.5.2015 requesting therein that (i) Penalty may not be imposed since it is not a new admission and he is being transferred due to compulsion and arbitrary administrative decision (ii) release my stipend/salary up to Dec.14 and (iii) give him some time till the university authorities reply as per CIC order. The above requests made by him in his letter dated 25.5.2015 have not been found justified. The Senate therefore, did not agree to his requests and decided that his admission to M.Tech. program be cancelled.

30.28 To report the summary of Ph.D. students' review held in July, 2015

The Senate noted the position. The students concerned may be informed of the review report with cc to their Advisors.

30.29 To ratify the decision taken by Chairman Senate for Award of PhD Degree to Ms. Aditi Gupta

The Senate ratified the approval given by Chairman Senate for the award of PhD Degree to Ms. Aditi Gupta on behalf of the Senate.

30.30 Approval from AICTE

Registrar apprised the members of the present status. The Director was requested to write to the new Chairman, AICTE to expedite the approvals.

30.31 NAAC Accreditation

The Senate noted with satisfaction the Accreditation by NAAC with grade ‘A’ as per certificate placed at [Appendix-V](#)

30.32 Application for NBA Accreditation

Registrar apprised the members of the present status.

30.33 To consider the cases of BTech students of 2011 batch who have completed the credits for the graduation requirements but (i) exceed the 8 credits limit for IP/IS/UR or (ii) fall short of CSE course credits

Dr.Astrid Kiehn, Associate presented this item. She informed that following students of B.Tech.2011 batch have completed the required credits for award of degree but by counting the credits of incomplete BTP they exceed the 8 credits limit for IP/IS/UR:

Cases of BTech 2011 Batch to be approved by Senate					
S.No.	Roll No.	Name	Courses Done		
1	2011005	Abhishek Jain	Ext BTP 12 Cr	BTP 4 Cr	IP+IS 8 Cr
2	2011028	Apoorv Singh	Ext BTP 12 Cr	BTP 4 Cr	IP+IS 8 Cr
3	2011078	Prateek Mehra	Ext BTP 12 Cr	BTP 4 Cr	IP+IS 8 Cr
4	2011117	Utkarsh Gupta	Ext BTP 12 Cr	BTP 4 Cr	IP+IS 8 Cr
5	2011045	Divyanshu Bansal		BTP 4 Cr	IP+IS 8 Cr
6	2011023	Ankur Poria	Did 7 CSE courses in last 4 semesters	Did 1 math course which may be counted as CSE course	

*Sl. No. 6 has done Maths courses- to be treated as CSE courses

The situation has arisen due to change of rule last year which provides 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.

All these students have completed adequate credits. After detailed deliberations the Senate approved their cases for graduation, since the rules were changed after they had already registered for the BTP credits.

30.34 To consider a proposal for international collaboration with CISE Department, University of Florida for Senior Certificate course in Computer Science and Engineering

Chairman, Senate presented in brief a proposal for international collaboration with CISE Department, University of Florida for a Senior Certificate course in Computer Science and Engineering for our final year B.Tech. students. The students enrolled in an undergraduate degree program in Computer Science/Engineering having Current GPA of 8 or better, Demonstrated English communication skills (TOEFL or TSE required of students from non-exempt countries) are eligible for this certificate course. The other salient features of the course include (i)International experience at a major US university (ii) Credits may be counted toward undergraduate completion requirement at home university (iii) Improved chances of admission into MS program (iv) travel cost to be borne by the students (v) tuition fee to be paid to the host institute etc. After detailed discussions the Senate agreed to the proposal in principle and desired Dean Academics to work out the details for implementing it smoothly.

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

ACADEMIC CALENDAR																							
(MONSOON SEMESTER 2015)																							
Week 0 (July-August)						Week 1 (August)						Week 2 (August)						Week 3 (August)					
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat
27	28	29	30	31	1	3	4	5	6	7	8	10	11	12	13	14	15	17	18	19	20	21	22
Semester Begins						1st Day of Class						Last day for Late Regn.						Last day for course Add/Drop					
Skill development Module for BTEch Students						GH						Independence day						ESYA *					
Week 4 (August)						Week 5 (September)						Week 6 (September)						Week 7 (September)					
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat
24	25	26	27	28	29	31	1	2	3	4	5	7	8	9	10	11	12	14	15	16	17	18	19
TT-Fri						4th - Convocation						Jamshanti						GH					
Week 8 (September)						Week 9 (September-October)						Week 10 (October)						Week 11 (October)					
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat
21	22	23	24	25	26	28	29	30	1	2	3	5	6	7	8	9	10	12	13	14	15	16	17
Mid-Sem Examinations						Dropped GH						Gandhi Jayanti						Last Date for Late Drop					
Week 12 (October)						Week 13 (October-November)						Week 14 (November)						Week 15 (November)					
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thurs	Fri	Sat
19	20	21	22	23	24	26	27	28	29	30	31	2	3	4	5	6	7	9	10	11	12	13	14
Mid Recess						Dropped GH						TT-Fri						TT-Wed					
Dussehra						Muharram						Diwali						GH					
Week 16 (November)						Week 17 (November)						Week 18 (December)						Week 19 (December)					
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat
16	17	18	19	20	21	23	24	25	26	27	28	30	1	2	3	4	5	7	8	9	10	11	12
Pre-registration starts						BTP Submission						Guru Nanak's Birthday						BTP Presentation					
TT-Fri						Last Day of the Class						End-Sem						GH					
Examinations/Labs/Demos/Projects						Moderation Meeting						Winter Vacation starts						Announcement of Grades (Tentative)					
TT: Adjusted Days						GH: Gazetted Holidays						Pre-registration Ends						Registration Days					
25-Aug(Tue): FRIDAY's Time Table						15-Aug Independence Day (Saturday)						5-Sep Jamshanti (Saturday)						25-Sep Eid-ul-Zuha (Bakrid) (Friday)					
02-Nov (Mon): FRIDAY's Time Table						2-Oct Gandhi Jayanti(Friday)						22-Oct Dussehra (Thursday)						24-Oct Muharram (Saturday)					
07-Nov (Sat): WEDNESDAY's Time Table						27-Oct Mahirshi Valmiki's Birthday (Tuesday)						11-Nov Diwali (Wednesday)						12-Nov Holiday (Thursday)					
18-Nov (Wed): FRIDAY's Time Table						13-Nov Holiday (Friday)						25-Nov Guru Nanak's Birthday (Wednesday)						ESYA: Tech. Fest of IIITD					
TimeTable-Adjustment						Dropped GH						GH / Holiday						Break					
Important Events						Registration Days																	

Doctor of Philosophy(CSE) (List of Graduating Students)

Sl. No.	Roll No	Full Name	Graduation Date
1	PhD0904	Denzil Correa	21-May-15
2	PhD0907	Nilesh Padhariaya	21-Aug-15
3	PhD1001	Aditi Gupta	21-Aug-15

Master of Technology, CSE (List of Graduating Students)

S.No.	Roll No.	Name	With Thesis	Specilisation	Graduation Date
1	MT12002	Abhishek Kumar	Yes	MC	21-May-15
2	MT12007	Muhammed Noufal. K	Yes	IS	21-Aug-15
3	MT12032	Akanksha Gupta	Yes	DE	21-May-15
4	MT12046	Priya J N Singh	No	DE	21-Aug-15
5	MT13003	Amit Semwal	Expected to graduation on Dec 21, 2015		
6	MT13004	DivyaSachdeva	Expected to graduation on Dec 21, 2015		
7	MT13006	Naina	Expected to graduation on Dec 21, 2015		
8	MT13007	Neha Gupta	Yes	IS	21-Aug-15
9	MT13008	Neha Sharma	No	IS	21-May-15
10	MT13009	Nidhi Agarwal	Yes	GEN	21-Aug-15
11	MT13010	Payal Sharma	No	IS	21-Aug-15
12	MT13011	Pooja Gupta	Expected to graduation on Dec 21, 2015		
13	MT13012	Priyanka Bawa	No	GEN	21-May-15
14	MT13014	ShariqMurtuza	No	IS	21-May-15
15	MT13015	ShobhitaSaxena	Yes	IS	21-Aug-15
16	MT13016	Surabhi Garg	Yes	IS	21-Aug-15
17	MT13017	Suresh R	No	GEN	21-Aug-15
18	MT13018	Vaishali Garg	Yes	IS	21-Aug-15
19	MT13019	Vibhor	No	IS	21-May-15
20	MT13031	Adarsh Kumar Dubey	Expected to graduation on Dec 21, 2015		
21	MT13032	Khan Akif Ahmed Salemonammad	Yes	GEN	21-Aug-15
22	MT13033	AmbikaTripathi	No	GEN	21-May-15
23	MT13034	AshtaSachdev	Yes	GEN	21-May-15
24	MT13036	JeevanJoishi	Yes	DE	21-May-15

25	MT13037	Kireet Kumar Pant	No	DE	21-May-15
26	MT13038	KompellyHarshavardhan Reddy	Yes	DE	21-Aug-15
27	MT13039	KritikaAnand	Yes	DE	21-Aug-15
28	MT13040	Kunal Gupta	Yes	DE	21-May-15
29	MT13041	M Mithun Bose	No	GEN	21-Aug-15
30	MT13042	Manisha Khattar	Yes	GEN	21-May-15
31	MT13043	Navin Agarwal	Expected to graduation on Dec 21, 2015		
32	MT13044	NEHA	No	GEN	21-May-15
33	MT13045	Nisha Gupta	Yes	GEN	21-May-15
34	MT13046	PrabhatRanjan	Expected to graduation on Dec 21, 2015		
35	MT13047	Prasoon	Expected to graduation on Dec 21, 2015		
36	MT13048	Priyanka Singhal	Yes	GEN	21-Aug-15
37	MT13049	Rahul batra	No	GEN	21-Aug-15
38	MT13050	Vivek Gupta	Yes	DE	21-May-15
39	MT13061	Akanksha Mishra	Expected to graduation on Dec 21, 2015		
40	MT13062	AnjaliChikara	No	MC	21-Aug-15
41	MT13063	DibyenduTalukder	Expected to graduation on Dec 21, 2015		
42	MT13064	Kirti Jain	No	GEN	21-May-15
43	MT13065	Kumar Abhinav	Yes	MC	21-Aug-15
44	MT13066	Neha Bharti	No	MC	21-May-15
45	MT13067	NisheshManaktala	No	GEN	21-May-15
46	MT13068	NishthaPhutela	No	MC	21-May-15
47	MT13069	Nitinder Mohan	Yes	MC	21-Aug-15
48	MT13070	Parul Gupta	Yes	MC	21-Aug-15
49	MT13071	Pathan Masood Ali Khan	No	GEN	21-Aug-15
50	MT13072	Pooja Agrawal	Expected to graduation on Dec 21, 2015		
51	MT13073	Prabhat Mishra	Expected to graduation on Dec 21, 2015		
52	MT13074	Rahul Kohli	No	MC	21-May-15
53	MT13075	Ritika Bansal	No	MC	21-May-15
54	MT13076	RohitMehra	Expected to graduation on Dec 21, 2015		
55	MT13077	Sakshi Gupta	No	MC	21-May-15
56	MT13078	Savita Dabral	No	GEN	21-Aug-15
57	MT13079	Shruti Bansal	Yes	MC	21-Aug-15
58	MT13080	Sukriti Mehta	No	MC	21-May-15
59	MT13092	Anurag Rana	Yes	GEN	21-Aug-15
60	MT13093	Chaitanya Singh Tanwar	No	GEN	21-May-15
61	MT13095	DivyaKundra	Yes	GEN	21-Aug-15
62	MT13096	Jitendra Singh Bisht	No	GEN	21-Aug-15

63	MT13097	JuhiPruthi	No	GEN	21-Aug-15
64	MT13098	KhaliqueNewaz	Yes	GEN	21-May-15
65	MT13099	PrernaJuneja	Yes	GEN	21-May-15
66	MT13100	Priyanka Verma	Yes	GEN	21-Aug-15
67	MT13101	Rahul Kumar Singh	Yes	GEN	21-Aug-15

68	MT13102	RekhaTokas	No	GEN	21-Aug-15
69	MT13103	Ritika Atal	Yes	GEN	21-Aug-15
70	MT13104	Ruchita Bansal	Yes	GEN	21-Aug-15
71	MT13105	Sanya Malhotra	No	GEN	21-May-15
72	MT13106	Shah Mahek Sunil Kumar	Yes	GEN	21-Aug-15
73	MT13107	ShivamChaturvedi	No	GEN	21-May-15
74	MT13108	SonamRathore	No	GEN	21-Aug-15
75	PhD1209	Sweta Mishra	No	IS	21-May-15

Master of Technology, ECE (List of Graduating Students)

S.No.	Roll No.	Name	With Thesis	Specilisation	Graduation Date
1	MT13121	Abhinav Jain	Expected to graduation on Dec 21, 2015		
2	MT13122	Aditi Sharma	Yes	VLSI & Embedded Systems	21-Aug-15
3	MT13123	Aditya Vasisth	Yes	VLSI & Embedded Systems	21-Aug-15
4	MT13124	Arvind Srinivasan	Yes	GEN	21-Aug-15
5	MT13125	Gaurav Narang	Expected to graduation on Dec 21, 2015		
6	MT13127	Kishor Singh Rawat	Expected to graduation on Dec 21, 2015		
7	MT13128	Mansi Jain	Yes	GEN	21-Aug-15
8	MT13129	Neha Chitkara	Yes	VLSI & Embedded Systems	21-Aug-15
9	MT13130	NidhiChandoke	Yes	VLSI & Embedded Systems	21-Aug-15
10	MT13131	Pallavi Das	Yes	VLSI & Embedded Systems	21-Aug-15
11	MT13132	Priya Aggarwal	Yes	GEN	21-Aug-15
12	MT13133	PriyaSinghal	Yes	GEN	21-Aug-15
13	MT13134	Raghav Madan	Yes	VLSI & Embedded Systems	21-Aug-15
14	MT13135	Rahul Malhotra	Yes	VLSI & Embedded Systems	21-Aug-15
15	MT13136	Ramandeep Kaur	Expected to graduation on Dec 21, 2015		
16	MT13137	Rishabh Gupta	No	VLSI & Embedded Systems	21-Aug-15
17	MT13138	SakshiNarula	No	VLSI & Embedded Systems	21-Aug-15
18	MT13151	Abhishek Jain	Yes	VLSI & Embedded Systems	21-Aug-15
19	MT13152	BhawanaNirwan	Yes	VLSI & Embedded Systems	21-Aug-15
20	MT13153	Divya Kaushik	No	GEN	21-May-15
21	MT13154	Gundu Anil Kumar	Yes	GEN	21-Aug-15

22	MT13155	Himanshi Saini	No	GEN	21-Aug-15
23	MT13156	Jitendra Kumar Yadav	Yes	VLSI & Embedded Systems	21-Aug-15
24	MT13157	Namrata Singh	Yes	GEN	21-Aug-15
25	MT13158	Neha Jain	Yes	CSP	21-Aug-15
26	MT13159	NileshChanderVarshney	No	CSP	21-Aug-15
27	MT13160	Pragya Sharma	Yes	GEN	21-Aug-15
28	MT13161	sanjeevBaghoriya	Yes	CSP	21-Aug-15
29	MT13162	Vandana Mittal	Yes	CSP	21-Aug-15
30	PhD1321	Rahul Singhal	Yes	Gen	21-Aug-15

Dual Degree - B.Tech.&M.Tech(CSE) (List of Graduating Students)

S.No.	Roll No.	Name	With Thesis	Specilisation	Graduation Date
1	2009020	Digvijay Singh	Yes	Gen	21-Aug-15
2	2010028	DevikaSondhi	Yes	Gen	21-Aug-15
3	2010078	ShayanLahiri	Yes	Gen	21-Aug-15
4	2010097	YashLamba	Yes	Gen	21-May-15

Bachelor of Technology, CSE (List of Graduating Students)

Sl. No.	Roll No	Name	Degree	Graduation Date
1	2010029	Harshit Shukla		21-Aug-15
2	2010073	Samiran Roy		21-May-15
3	2011002	Aakarsh Malhotra		21-May-15
4	2011003	Aakash		21-Aug-15
5	2011004	Abhinav Arora		21-May-15
6	2011005	Abhishek Jain		21-May-15
7	2011006	Abhishek Kumar		21-May-15
8	2011007	Abhishek Lakra		21-May-15
9	2011008	Abhishek Singh		21-Aug-15
10	2011009	Aditya Gupta	with minor in Economics	21-Aug-15
11	2011010	Aishwariya Sharma		21-May-15
12	2011011	Aishwarya Pant		21-Aug-15
13	2011012	Akanksha Singh		21-Aug-15
14	2011013	Akash Jain		21-May-15
15	2011014	AmanChahar	With Honors	21-Aug-15
16	2011016	Amit Khiwal		21-Aug-15
17	2011017	Ananaya Gupta		21-May-15

18	2011018	Anant Rana		21-Aug-15
19	2011019	Anirudh Jayant		21-Aug-15
20	2011020	Ankit Agarwal		21-May-15
21	2011021	Ankit Kumar		21-May-15
22	2011022	AnkurDohare		21-Aug-15
23	2011023	AnkurPoria		21-Aug-15
24	2011024	AnkurSial		21-Aug-15
25	2011026	A N Anudeep		21-May-15
26	2011027	AparnaBharati		21-Aug-15

27	2011028	Apoorv Singh		21-Aug-15
28	2011029	Apoorva Mittal		21-May-15
29	2011030	Archit Agarwal		21-May-15
30	2011031	ArhanSibal		21-May-15
31	2011032	Ashish Kumar		21-May-15
32	2011033	Ashrut Bhatia		21-Aug-15
33	2011034	AviKathpalia		21-May-15
34	2011036	Brijesh Kumar Garg		21-Aug-15
35	2011037	Charupriya Sharma		21-May-15
36	2011038	Deepak Solanki		21-May-15
37	2011040	Deepanshu Gupta		21-May-15
38	2011041	DeepikaMoorjani		21-Aug-15
39	2011042	Devansh Kumar		21-May-15
40	2011043	Dhruv Kumar		21-Aug-15
41	2011045	Divyanshu Bansal		21-May-15
42	2011046	GaganKhanijau		21-May-15
43	2011047	Gandharv Kapoor		21-May-15
44	2011048	Geet Gupta		21-May-15
45	2011049	GitanshuSardana		21-Aug-15
46	2011050	Harshit Pant		21-May-15
47	2011051	Himanshu Kumar		21-May-15
48	2011052	Inshu Kumar Chugh		21-Aug-15
49	2011053	Ishan Goel		21-May-15
50	2011054	JagratiGogia		21-May-15
51	2011056	Janhavi Agrawal		21-May-15
52	2011057	Jatin Sindhu		21-May-15
53	2011058	JayasiMehtar		21-May-15
54	2011059	Jyotsana Bhardwaj		21-May-15
55	2011060	Kshitij Jain		21-Aug-15
56	2011061	KushagarLall		21-May-15
57	2011062	Maneet Singh		21-May-15
58	2011063	Manish Rana		21-May-15
59	2011064	Manmeet Singh Oberoi		21-Aug-15

60	2011065	Mayank Garg		21-May-15
61	2011066	Mehak		21-May-15
62	2011067	Naresh Aditya MadhavMahto		21-May-15
63	2011068	Neetika Chauhan		21-May-15
64	2011069	Nikita Agrawal		21-Aug-15
65	2011070	Nishant Sharma		21-May-15
66	2011071	Nishtha Chopra		21-May-15
67	2011073	Nitika Jain		21-May-15
68	2011074	Prakhar Gupta		21-Aug-15

69	2011076	PrasoonDwivedi		21-May-15
70	2011077	Prateek Malhotra		21-Aug-15
71	2011078	PrateekMehra		21-May-15
72	2011079	Pratiti Sarkar		21-May-15
73	2011080	Praveen Kumar		21-Aug-15
74	2011081	PrernaJaiswal		21-Aug-15
75	2011082	Prerna Singh		21-Aug-15
76	2011083	Priyam Kumar		21-May-15
77	2011084	Rachit Jain	Expected to graduation on Dec 21, 2015	
78	2011085	Ramon Bhadauria		21-May-15
79	2011086	Ratika Kumar		21-May-15
80	2011087	RishabhKawatra		21-Aug-15
81	2011088	Rishav Jain	With Honors	21-May-15
82	2011089	Rohan Garg		21-May-15
83	2011090	Rohit Chandra		21-May-15
84	2011091	RohitAtri		21-Aug-15
85	2011092	Romil Bhardwaj	With Honors and minor in Economics	21-May-15
86	2011093	RudreshPande		21-May-15
87	2011094	Sahil Mahajan		21-Aug-15
88	2011095	Sahil		21-May-15
89	2011097	Sanchit Saini	with minor in Economics	21-May-15
90	2011098	Sarthak Bajaj	with minor in Economics	21-May-15
91	2011099	Sauhard Gupta		21-May-15
92	2011100	Saurabh Arya		21-Aug-15
93	2011101	ShaliniVerma		21-May-15
94	2011104	Shivangi Yadav		21-Aug-15
95	2011105	ShrutiNagpal		21-May-15
96	2011106	Shubham Agrawal		21-May-15
97	2011107	Shubham Pandey		21-Aug-15
98	2011108	Shubhangi Prasad		21-Aug-15
99	2011109	Siddhant Jain		21-May-15

100	2011110	Siddharth Gupta		21-May-15
101	2011111	SiddharthKundal		21-May-15
102	2011112	Sourabh Singh		21-May-15
103	2011113	Sriram Ramesh		21-Aug-15
104	2011114	SuhanthBoddu		21-May-15
105	2011115	Swati Gautam		21-Aug-15
106	2011116	Tiru Sharma		21-May-15
107	2011117	Utkarsh Gupta		21-May-15
108	2011118	VinayakShukl		21-May-15
109	2011119	Yesha Mittal		21-Aug-15

Proposed CSE Program Structure

SEMESTER 1	SEMESTER 2	SEMESTER 3	SEMESTER 4	SEMESTER 5	SEMESTER 6
IP	DSA	Adv Prog	DB		
DC	<i>Electronics</i>	CO	OS	CN	
Maths I	Maths II	DM	ADA		
SM	IED	<i>{Engg Sc: Math3, S&S, ELD, ..}</i>	<i>{TOC, Math 4, Optimization,..}</i>		
COM	HSS/Eco	[HSS]	<i>{Science/Bio/..}</i>	TCOM + Environment	

Proposed - ECE Program Structure

SEMESTER 1	SEMESTER 2	SEMESTER 3	SEMESTER 4	SEMESTER 5	SEMESTER 6
IP	DSA	<i>Circuit theory and Devices</i>	F&W	[DCS – core elect]	
DC	<i>Basic Electronics</i>	ELD	IE	[DSP – core elect]	
SM	IED	S&S	PCS		
Maths I	Maths II	Math III	Math IV		
COM	HSS/Eco	[HSS]/AP	<i>{Science/Bio/..}</i>	TCOM + Environment	



ACADEMIC CALENDAR																															
(Winter Semester 2016 w.e.f. 30th December 2015)																															
Week 0 (Dec-January)						Week 1 (January)						Week 2 (January)						Week 3 (January)													
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat								
	29	30	31	1	2	4	5	6	7	8	9	11	12	13	14	15	16	18	19	20	21	22	23								
		Semester Begins	3Days Module for BTech students	New Year Day		1st Day of Class		Last day for Late Regn.		Last day for course Add/Drop	H						H												Cadence		
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								
25	26	27	28	29	30	1	2	3	4	5	6	8	9	10	11	12	13	15	16	17	18	19	20								
	Republic Day										H						H						H								
	H				H						H						H						H								
Week 8 (February-March)						Week 9 (February-March)						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								
22	23	24	25	26	27	29	1	2	3	4	5	7	8	9	10	11	12	14	15	16	17	18	19								
Mid-Sem Examinations Week											H						Last day for Late Drop						Research Showcase				H				
Week 12 (March)- Mid Recess*						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	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat								
21	22	23	24	25	26	28	29	30	31	1	2	4	5	6	7	8	9	11	12	13	14	15	16								
			HOLI	Good Friday							H						H						Ram Navmi				Pre-reg starts				
			H	H							H						H						H				H				
Week 16 (April)						Week 17 (April-May)						Week 18 (May)						Week 19 (May)						TT : Adjusted Days							
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat		
18	19	20	21	22	23	25	26	27	28	29	30	2	3	4	5	6	7	9	10					18th April(Mon):FRIDAY's Time Table							
TT-FRI	Last Day of Classes	Mahavir Jayanti								BTP Presentation			Pre-Registration ends	Moderation Meeting	Summer Vacation starts*		Announcement of Grades (tentative)														
	BTP Submission	H	End-Sem Examinations/Demos/Project																												
GH: Gazetted Holidays																															
25 Mar (Fri)		Good Friday								26 Jan (Tue)		Republic Day						24 Mar (Thurs)		Holi											
										15 Apr (Fri)		Ram Navmi						20 Apr (Wed)		Mahavir Jayanti											
Summer Vacation : 5th May 2016 onwards																															
Time Table-Adjustment		H: This includes Saturdays/Sundays and GH										*Mid Recess & Summer Vacation- For UG Students only																			
Important Events		Registration dates				Research Showcase- 18th March- Classes will be held as per Friday's Time Table																									

Approval for NBA Accreditation

Salient features:

- IIIT-D is a new-age institution
- Vision & Mission statements are well formulated.
- Highly responsive to feedback- Actions are taken on basis of feedback like many books in library are purchased due to Student request form, Modulation of courses using course feedback and placement training on the basis of feedback from employers.
- Very well qualified faculty with research background and international character. Well qualified external members (Senate members)
- Modern classrooms & labs
- Library equipped with updated technology (OPAC and kindle readers)
- Good building & infrastructure
- Good student hostels
- Facilities available for disabled students
- Fire Safety

Deficiencies in our systems wrt to NBA reported during exit meeting

- The terms PEOs and POs not fully understood by the stakeholders. (**Action no. 21**)
- Procedure for introducing a new course or program not clearly laid down. (**Action no. 22**)
- Procedure for review of any course or program not recorded in any document and hence not verifiable. (**Action no. 23**)
- Mapping of COs/PEOs/POs – Good mapping of COs with POs has been done but it is not quantifiable. Further quantification may be done to find out/check which PO is met. Difficult to access for a particular student how they are able to attain each PO & CO. (**Action No. 20**)
- Shortage of books/tittles in the library. Also technical titles need to be incorporated into kindles. (**Action no. 7 and 24**)
- R&D component shown as ‘0’ without explanation (**Action no.17**)
- Lack of dedicated language lab(**Action no.25**)
- ERP must be able to automatically generate data that is required to fill SAR report. (**Action no.26**)

Other Deficiencies reported during visit:

- Time-table not displayed in Labs (**Action no.27**)
- Vision & mission not displayed on notice boards (**Action no.28**)
- BTP Reports contains a certificate but not signed by the instructors (**Action no.13**)
- Rubrics not defined for evaluation of Assignments(**Action no.9**)
- Budget boundaries not defined(**Action no.17**)

Action items:

SNo.	Action	Description	Remarks	To be done by:
1	Minutes of all the meetings to be shared in Drive	Putting the agenda and minutes of all meetings like Senate, UGC, PGC, and FM into Drive and shared with all concerned.		Registrar/ Concerned Chair
2	Preparation of Academic processes document	All policies/procedures/Processes which are not included in UG/PG Regulations have to be put in the Academic Process Document	Ongoing. This has to be done by the end of this semester.	Academics
3	Yearly placement data analysis	Following Analysis must be done yearly : 1. What graduating students are doing- A or A+ companies, Higher studies or Startups 2. CV Analysis- No. of projects, Advanced tools, No. of programming languages 3. Employers' feedback Analysis	This has to be an iterative process	Placement
4	Employers' feedback form need to be redesigned	The feedback form must be redesigned so that it contains more Objective components and hence be used for detailed analysis	The form must be short. Must be done by Jan 2016	Placement
5	Assistance to students in placements to be	A document to be prepared stating the	Has to be done by next Semester	Placement

	documented and uploaded on website.	assistance we provide to students in placements		
6	Weak Students Mentoring	Preparing of mentoring record via Monthly reports	Must be clubbed with Weak student Monitoring. Should be considered for MTech also.	Academic s
7	Formula for buying books in the library need to be developed	For increasing the volumes of text books in the library, we need to develop a formula for calculating the number of books for core courses as well as electives	An excel has to be prepared by Academics before the start of semester with the primary textbook, 3 references and number of copies to be made available for each course and sent to library for purchase. This process needs to be defined in Academic Process document.	Library/ Academic s
8	Courses must have scheduled labs and tutorials.	L-T-P structure for I and II year core courses need to be defined by UGC	Already defined by UGC	UGC
9	Rubrics to be defined for evaluation and assessment of Assignments		Rubrics/Grading Guidelines for each course. It needs to be incorporated into Course Summary.	UGC/FM
10	Get summary feedback of assignments from TAs		<ol style="list-style-type: none"> 1. Must be done for all quizzes and End-sem Exams. Summary must be prepared by TAs in the tentative format as follows: question numbers and the % of students who could attempt or not. 2. TA Training module be developed by Dr. Vishwanath till Dec 2015. 	UGC
11	Survey form for Alums	A survey form needs to be designed to collect data from alumni	Limited surveys to be conducted.	Dr. Richa
12	Labs mapping to POs	We have already mapped Course outcomes with POs. Now we need to map how lab component in theory course map to POs	Description of Labs experiments to be defined for each Lab course.	UGC

13	Discussion on keeping signed hardcopy of BTP reports	An agenda item to be discussed in FM regarding keeping signed hardcopy of BTP reports in the Academic Section	Scanned copy of the signed certificate be included in the Pdf Report.	UGC/FM
14	To discuss whether BTP/Scholarly paper to be kept in public domain or not	An agenda item to be discussed in UGC/FM regarding keeping of BTP/Scholarly Paper online in public domain	UGC decided to put BTP Reports/SP with Grade B or above online in public domain, while all BTP reports (including those with lower grades) will be available online internally.	UGC
15	One-way interaction with Parents	Parents are also stakeholders and to conduct survey on parents, we can have one-way interaction with Parents 1. At entry level, 2. At convocation time		Registrar
16	Recording summary of all open house meetings/interactions during Semester	The count of all open house meetings and UGC/PGC meetings be recorded in the Semester Report		Academic s
17	Budget needs to be defined	Budget needs to be defined in both format- the old one and the NBA format (CSE and ECE separate)		CFO
18	Annual meetings to discuss the best practices	The best practices followed by instructors to be discussed during the peer-review		UGC/PG C
19	Undertaking exercise for establishing POs and PEOs for MTech	An agenda item to be discussed in PGC/FM regarding the establishment of POs and PEOs for MTech		PGC/FM
20	Discussion on quantifying mapping of Cos and POs	An agenda item to be discussed in UGC to quantify mapping of COs and POs		UGC
21	The terms PEOs and POs not fully understood by the stakeholders	An agenda item to be discussed in UGC on how to make stakeholders aware of PEOs and POs		UGC
22	Procedure for introducing a new course or program	An agenda item to be discussed in UGC on		UGC

	not clearly laid down	defining Procedure for introducing a new course		
23	Procedure for review of any course or program not recorded in any document and hence not verifiable	Recording the minutes of UGC/Senate		
24	Technical titles need to be incorporated into kindles	Incorporating technical titles into kindles		Library
25	Lack of dedicated language lab			
26	ERP must be able to automatically generate data that is required to fill SAR report			Academic s
27	Time-table not displayed in Labs			
28	Vision & mission not displayed on notice boards			

Some additional Points/Suggestions came up during the Meeting:

- a. We need to maintain off-campus Placement Data.
- b. Once we start with filling up of SAR report, a meeting needs to schedule every month for keeping track
- c. POs need to be defined by MTech Coordinators by July and the same need to be published and disseminated on the website.
- d. At the end of Semester, Academics section to document list of BTPs, SP, Thesis with Internal and external URLs.
- e. 3 committees must be formed :
 1. MTech CSE Coordinators
 2. MTech ECE Coordinators
 3. BTech ECE coordinators

Summary of Attendance for Core Courses of Monsoon Semester 2015

Sno.	Name of the course	No. of students with Less than 50% attendance	No. of students with Less than 70% attendance	No. of students with Less than 75% attendance	Total Strength
1	Introduction to programming	15	49	62	211
2	Digital Circuits	8	27	49	198
3	Maths1	14	45	65	200
4	System Management	8	46	68	200
5	Communication skills	11	49	88	198
6	Discrete Mathematics	17	57	75	138
7	Embedded logic design	3	12	15	55
8	Advanced Programming	13	57	69	149
9	Signals & systems	22	40	47	70
10	Linear Circuits	4	11	13	34
11	Maths3	8	26	34	100
12	Operating Systems	23	52	59	139

IP/IS/UR Registration and Evaluation Guidelines

Current Registration Process for IP/IS/UR

1. Student need to submit a form (Annexure 2 or 3) signed by him/her and the course instructor having details like brief description, pre-conditions, post-conditions, course plan, deliverables, and evaluation. In case, a student does not satisfy the CGPA requirement of $CGPA \geq 7.5$, the instructor has to give reason on the application form as to why he/she is willing to guide the student.
2. Student has to register for IP/IS/UR on ERP once their application get approved by the Instructor. Application form submission and ERP registration need to be done not later than add/drop day.
3. All applications need to be thoroughly checked by Academic Section for complete information w.r.t. post conditions, pre-requisites, etc.
4. For applications where $CGPA < 7.5$ or where there is a doubt with regards to the area of IP/IS/UR, approval of programme coordinators/UG Chair may be taken.

Some Important Points:

- To ensure that an IP/IS/UR course is properly specified with complete details, instructors are requested to check the completeness of information in the form before signing.
- Area (CSE/ECE/HSS/DES/BIO) for IP/IS/UR should be clearly specified by the student and the instructor.
- ERP registration for IP/IS/UR should be done on ERP for area specific course only (i.e., a student doing HSS IP should register for HSS398 on ERP, student doing CSE IP should register for CSE398 ...)
- IP/IS/UR may be guided by regular/adjunct/visiting faculty, individually.

Evaluation Process for IP/IS/UR

- All IP/IS/UR must be assessed as per the deliverables mentioned at the time of registration. At least one of the tools (Power point presentation/Report/Exam/Oral Exam/Viva) as decided by the instructor should be used to assess IP/IS/UR.

Preferable and strongly recommended tools for assessment for IP/IS/UR:

- For IP, it can be a short report describing the project with what was built and a demo for what has been done.
- For IS, it can be a large report describing what the person has learned along with the list of references/sources. It can be a final exam.

- For UR, it should be a technical report (if few/no results came out, the effort can be described and the conclusion can be that the hypothesis did not hold,). One might also be satisfied with a brief report, as writing a technical report is a major, time consuming task (at least in theoretical subjects).
- At the beginning, the form will be filled-in by both the student and the advisor. At the time of grade submission, evaluation form available at Annexure 4 will be filled by the advisor.

Grade allotment and moderation:

- Based on the evaluation done Instructor will fill the IP/IS/UR evaluation form having grades and other details to academic section.
- A committee will moderate all the IP/IS/UR grades similar to course grades. Although instructor's grade prevails, the committee can ask for more inputs or explanation and can recommend to the instructor to higher/lower the grade.

Proposal for IP or UR Course

Semester : Monsoon / Winter /Summer

Year:

Name:

Roll number:

Programme:

Current CGPA:

Name of the Instructor:

Title of the Project:

Credits:

Joint Project with:

Area(IP): CSE/ ECE/ HSS/ DES /BIO

IP/IS/UR Credits already done:

Brief Description of the Project or UR:

Deliverables:

Evaluation (weighting of deliverables):

Signature of Student, date

Name & Signature of Instructor, date

UGC Chair, date

Proposal for Independent Study Course

Semester : Monsoon / Winter /Summer

Year:

Name:

Roll number:

Programme:

Current CGPA:

Name of the Instructor:

Subject of Course:

Credits:

Area: CSE/ ECE/ HSS/ DES /CB

IP/IS/UR Credits already done:

Preconditions:

Postconditions:

Course Plan:

(reading material, programming task, ...)

Deliverables:

Evaluation (weighting of deliverables):

Signature of student, date

Name & Signature of Instructor, date

UGC Chair, date

IP/IS/UR Evaluation Form

Semester : Monsoon / Winter /Summer

Year:

Student Name:

Roll number:

Programme:

Evaluation is for: IP/IS/UR

Title of the Project:

Credits:

Area(IP): CSE/ ECE/ HSS/ DES /BIO

Name of Advisor/Instructor:

For IP/UR, please List the deliverables (please list any report, system, software, etc), with a brief description of each:

For IS, please list the papers/books/reports student studied:

Please give an estimate of average effort put in by student per week on the IP/IS/UR:

- . 10 or more hours per week
- . 7-10 hours per week
- . 4-7 hours per week
- . Less than 4 hours per week

To what extent the deliverables and the work met the stated objectives:

(1-very little..... 5-all are met)

Plagiarism Report:

Overall quality of work (or learning for IS):

1-very poor.....5- Excellent

Comments on students work, sincerity, regularity of meetings, how much he/she learned, etc:

Final Grade for IP/IS/UR:

Name & Signature of Advisor, date

Concept note on MTech in Computational Biology

Motivation

The genomic revolution in biology enables one to answer many questions in medical sciences like personalized medicine, the etiology of diseases like cancer, HIV, SARS etc, etc. However, answers to these questions are impossible without the support of powerful computational and statistical tools that helps to understand and uncover the underlying systems level regulatory mechanisms (such as network design principles) responsible for diseases. With the advent of new biotechnological techniques, massive amounts of genomics data are generated at a rapid pace from the experiments and analysis of these data requires tremendous amount of domain knowledge, solid computational background and good programming skills. This has led to the development of a highly interdisciplinary field of Computational Biology and Bioinformatics which consists of a good amount of understanding of molecular biology, genomics, algorithms, programming, statistical computation, machine learning, stochastic processes, and other mathematical techniques that underlie biological design principles.

For developing skilled manpower for this field, an interdisciplinary program is needed which combine suitable aspects of biology, statistics, algorithms and mathematical models to analyze large-scale genomic and biological data in one program in a focused and strategic manner.

Currently few Institutions have strength and capability to offer interdisciplinary education in this area. IIT-Delhi, with its strong focus on research, and with a good faculty in various CS and EE as well as Computational Biology, is well suited to offer such an interdisciplinary program of computing and biology. The proposed MTech program aims to train students in the key aspects of computing, bio informatics, and analysis of biological systems through the use of modeling and analytics.

Where the Graduates of this Program will be placed

This program fills a vacuum by creating manpower that can solve biology problems using computational techniques and data. Such manpower is needed in companies in life sciences, as they are generating large amounts of data and need manpower that understands the data and can apply computational techniques to analyze it and answer questions.

Types of plausible Bio companies that may require students with CB background are Nucleome Informatics Pvt Ltd. <http://www.nucleomeinfo.com> (provide bioinformatics solutions to academic and industrial customers), Cellworks: <http://cellworksgroup.com> (systems biology approach to diseases and therapy), and Xerox research india etc.

As student is building strength in computer science, as well as mathematical modeling through the biology courses, they can also find opportunities in IT companies that provide services and solutions to companies working Life Science, Medicine, etc. These can include: TCS Life Sciences, Strand Genomics, and persistent systems. Already we are in the process of engaging

scientists working in Strand Genomics to take part in lectures, and thesis/internship guidance.

An important career option for graduates of this program will be in Research – pursuing a PhD and then going for a research career. This is one of the most exciting possibilities, as R&D in Computational Biology and Life Sciences in general has great potential. Graduates of this program should be sought after by many computational and systems biology research groups across the world, including India. (To facilitate this option, the Institute will write to top departments in India and across the world and inform them about the strength of our program.)

Structure of the Program

The program will focus on strengthening key computer science capabilities needed for solving biology problems, and in developing skills in bio-informatics, techniques for modeling biological systems, analysis approaches for biological data, etc.

As this is an interdisciplinary program, it will have some modules to build the basic foundations in the two disciplines. These modules will be compulsory but will not count towards the credit requirement. Current modules are mentioned here. The PGC can modify these modules, or add/delete them.

- One intensive refresher course on Programming and Data Structures, and one refresher modules on Cell Biology and Biochemistry. (These are to be done during the summer before the start of the first semester).

Refresher module on Advanced Programming and Technical Communication, to be done during the first two semesters.

In the MTech program, the student will do 32 credits of courses (in addition to the courses mentioned above), and a Thesis. For courses, up to 12 credits can be from CSE courses from a list of courses approved by the PG Committee. Some of them may be compulsory. Currently the list of approved courses is:

- a) **Graduate Algorithms (or equivalent) - Compulsory**
- b) **HipC**
- c) **Machine learning**
- d) **Bigdata analytics**

The student will have to do a minimum of 20 credits of course work in Computational Biology – a few will be compulsory as defined by PG Committee, others will be electives. A sample of list of courses is given below – this list will evolve over time.

- a. **Foundations of Modern biology**
- b. **Practical Bioinformatics**
- c. **Systems and Synthetic Biology**
- d. **Introduction to mathematical biology**
- e. **Stochastic Simulations in Systems Biology and Biophysics**
- f. **Molecular mechanics and Biological physics**

- g. Computational Neuroscience**
- h. Biostatistics**
- i. Function Genomics and Data mining**

Thesis: Student will be required to do a thesis in Computational Biology – there is no scholarly paper option.

Note: A subset of these courses will be used for Minor in CB for BTech students.

Intake of students for MTech (CB) program

Intake in interdisciplinary program is always a challenge. Often an interdisciplinary program can benefit from taking students from different backgrounds. As the program focuses on CB, but will build sufficient CS background for graduates to use CS tools and techniques for CB problems, it will require some background in these areas. It will be best if the incoming students have: (i) decent programming knowledge and (ii) good math background

With this, the eligibility criteria for input to this program is proposed as:

(1) B.Tech/BE in CS/IT/Math-and-Computing

Or

(2) B.Tech/BE in any other discipline and must have done in their programme:

- at least one computer programming course, and
- at least two mathematics courses

All applicant must have a valid GATE score (2014/2015). They must have a CGPA of at least 6.5 out of 10 or 65% in B.Tech/BE and 60% in all previous degree including 10+2.

IIT-Delhi provides relaxation to SC, ST, OBC, PwD and CW category candidates. Specially, candidates under these categories must have CGPA of at least 6.0 out of 10 or 60% in B.Tech/BE and 55% in all previous degree including 10+2.

Fee Waiver and Scholarships

The institute will reduce the overall MTech fee by half for students in the first batch. The Institute hopes to find scholarships for students through DBT.



Regulations for MTech in Computational Biology (CB)

Preamble

The genomic revolution in biology enables one to answer many questions in medical sciences like personalized medicine, the etiology of diseases like cancer, HIV, SARS etc, etc. However, answers to these questions are impossible without the support of powerful computational and statistical tools that helps to understand and uncover the underlying systems level regulatory mechanisms (such as network design principles) responsible for diseases. With the advent of new biotechnological techniques, massive amounts of genomics data are generated at a rapid pace from the experiments and analysis of these data requires tremendous amount of domain knowledge, solid computational background and good programming skills. This has led to the development of a highly interdisciplinary field of Computational Biology and Bioinformatics which consists of a good amount of understanding of molecular biology, genomics, algorithms, programming, statistical computation, machine learning, stochastic processes, and other mathematical techniques that underlie biological design principles.

For developing skilled manpower for this field, an interdisciplinary program is needed which combine suitable aspects of biology, statistics, algorithms and mathematical models to analyze large-scale genomic and biological data in one program in a focused and strategic manner.

Currently few Institutions have strength and capability to offer interdisciplinary education in this area. IIIT-Delhi, with its strong focus on research, and with a good faculty in various CS and EE as well as Computational Biology, is well suited to offer such an interdisciplinary program of computing and biology. The proposed MTech program aims to train students in the key aspects of computing, bio informatics, and analysis of biological systems through the use of modeling and analytics.

Structure of the Program

The program will focus on strengthening key computer science capabilities needed for solving biology problems, and in developing skills in bio-informatics, techniques for modeling biological systems, analysis approaches for biological data, etc.

As this is an interdisciplinary program, it will have some modules to build the basic foundations in the two disciplines. These modules will be compulsory but will not count towards the credit requirement. Current modules are mentioned here. The PGC can modify these modules, or add/delete them.

- One intensive refresher course on Programming and Data Structures, and one refresher modules on Cell Biology and Biochemistry. (These are to be done during the summer before the start of the first semester).

Refresher module on Advanced Programming and Technical Communication, to be done during the first two semesters.

In the MTech program, the student will do 32 credits of courses (in addition to the courses mentioned above), and 16 credits for a Thesis, for a total of 48 credits. For courses, up to 12 credits can be from CSE courses from a list of courses approved by the PG Committee. Some of them may be compulsory. Currently the list of approved courses is:

- Graduate Algorithms (or equivalent) - Compulsory**
- HipC**
- Machine learning**
- Bigdata analytics**

The student will have to do a minimum of 20 credits of course work in Computational Biology – a few will be compulsory as defined by PG Committee, others will be electives. A sample of list of courses is given below – this list will evolve over time.

- Foundations of Modern biology**
- Practical Bioinformatics**
- Systems and Synthetic Biology**
- Introduction to mathematical biology**
- Stochastic Simulations in Systems Biology and Biophysics**
- Molecular mechanics and Biological physics**
- Computational Neuroscience**
- Biostatistics**
- Function Genomics and Data mining**

Thesis: Student will be required to do a thesis in Computational Biology – there is no scholarly paper option.

For the thesis credits, though the student has to register, he/she need not be physically present and can do the work while being outside the Institute

Note: A subset of these courses will be used for Minor in CB for BTech students.

Fee Waiver and Scholarships

The institute will reduce the overall MTech fee by half for students in the first batch. The Institute hopes to find scholarships for students through DBT.

Change history:

July,2014 release

November,2015