



## **AGENDA**

### **Twentieth (20<sup>th</sup>) Meeting of SENATE of**

### **Indraprastha Institute of Information Technology, Delhi**

**Date:**                **17<sup>th</sup> October, 2012**

**Day:**                    **Wednesday**

**Time:**                **02.00 PM**

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

## TWENTIETH (20<sup>TH</sup>) MEETING OF SENATE OF IIT-DELHI

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# TWENTIETH (20<sup>TH</sup>) MEETING OF SENATE OF IIT-DELHI

## AGENDA

### 20.0 Opening remarks of the Chairman

### 20.1 Confirmation of minutes of the 19<sup>th</sup> Senate meeting

The minutes of 19th Senate meeting were circulated among the members, which may be considered for confirmation. A copy of the same is placed at [\(Annexure 1\)](#)

### 20.2 Degree granting date: It is proposed to indicate the degree granting date be decoupled from the convocation date and be based on completion of degree requirements. The following dates for degrees is proposed:

- May 21 for the students who finish their requirements in the Winter semester. (e.g. 8<sup>th</sup> semester of BTech)
- Aug 21 for those who finish the requirements in summer semester.
- Dec 21 for those who finish the requirements in the Monsoon semester.

In the current convocation, it is proposed that all students who have either completed the requirements in Winter and Summer semester, or are likely to graduate till Dec 21 be invited. The last category of student will be mentioned as “Expected to Complete in December 2012”, except those, like some MTech students, who have already completed their requirements this semester – for them it can be mentioned "requirements for the degree completed"

List of the students with the mentioned dates is placed at [\(Annexure 2\)](#).

### 20.3 Final list of MTech students to be granted degree: To approve the award of MTech(CSE) Degree to 22 students. Thesis defense of one student (Anupama Agarwal) is likely to be scheduled in coming days, on being “satisfactory” she will also be eligible to get the degree by December, 2012.

### 20.4 Final list of BTech students to be granted degree: To approve the award of BTech(CSE) Degree to 51 students. Three of the BTech 2008 batch students (Arjun Asthana, Sumit Arora & Kunal Kataria) will also be completing the requirements for award of the degree by December, 2012.

### 20.5 The best MTech thesis award:

PGC chair will table the decision of the committee.

- 20.6 To approve the Degree formats:** With reference to the item no. 19.7 of the 19<sup>th</sup> meeting of the senate, the Degree formats for BTech and MTech recommended by the Convocation Committee are placed before the senate for approval as per **Annexure 3.**
- 20.7 Dual Degree Programme:** Proposal for the Dual Degree Programme is placed at **(Annexure 4)** for consideration.
- 20.8 Moving to the new National Test for admission to IIT-Delhi:** As we know, a National test (JEE Mains) will be conducted from 2013, and in the final list they will create, there is a plan to give 40% weight to Class XII marks. It seems sensible to move to this test at this juncture – JEE Main has many elements that we desire, and now may be a good time to “get out of admission”. While initial experimentation was useful, going with a standard test will be useful now as the number of applications are also likely to increase.
- 20.9 Recommendation/Report by UGC:** UGC chair to table the reports.
- 20.10 Recommendation/Report by PGC:** PGC chair to table the reports.
- 20.11 Any other item with permission of the Chair:**

\* \* \* \* \*

**NINETEENTH (19<sup>TH</sup>) MEETING OF SENATE OF IIT-DELHI****Minutes of the Meeting**

- 19.1 Opening remarks of the Chairman**  
The Chairman welcomed all to the meeting.
- 19.2 Confirmation of minutes of the 18<sup>th</sup> Senate meeting**  
Since there were no comments, the minutes of the 18<sup>th</sup> meeting were approved.
- 19.3 Students who will graduate with various degrees after the summer semester**  
It was suggested to check the requirements as per the checklist and inconsistency, if any, be informed. However, the list of students was conditionally accepted pending satisfaction of their course requirements. After the checking, the signed record of checking will be shown to Chairman, Senate.
- 19.4 Students admitted to various programs - need to formally accept them into the system:**  
The senate accepted the newly admitted students. Regarding students who are direct admission from BTech to PhD, it was suggested that their admission be formally accepted after their BTech degree has been approved.
- 19.5 Brief discussion on admissions:**  
All the admission committees presented report on the number of applications, admission process and merit list. The Registrar, Mr. Ashwani Kansal presented statistics about the BTech admission based on region/schools/AIEEE rank/Entrance rank, etc. Similarly, the MTech & PhD admission committees apprised the senate of the lessons learnt and achievements.
- It was suggested that all the admitted students should fill a form on joining to keep a formal record of who has joined. This form can be kept as the formal joining report in the personal file of the student.
- 19.6 List of courses being offered this semester:**  
Senate recorded the same.
- 19.7 Convocation plan**  
The Chairman informed the senate that Convocation is scheduled on November 3, 2012 (Saturday) and the Chief Guest will be **Mr. N.R.**

**Narayana Murthy**, Chairman Emeritus of Infosys. The Chairman nominated Dr. Ponnurangam Kumaraguru also into the committee for coordination with ‘Alumni’.

Mr. K.P. Singh presented the plan and proposed the “Degree” formats to be approved by the senate. The senate discussed upon the same and will finalize the same (via circulation).

**19.8 Recommendation for the various awards for graduation:**

The recommendations for best BTP and All Round Performance is accepted by the senate.

- All Round Performance: **Ishita Jain**
- Best BTP (engineering): **Ankit Kadam & Manish Dahamiwal** jointly.
- BTP (research) : Nominations received but award not recommended to be given to anybody.
- BTP (entrepreneurship) : No nominations received.
- Chancellor’s Gold Medal : **Sunpreet Singh Arora**

It was suggested that in future, the committees for selection of best BTPs in different categories should include external members.

**19.9 The best MTech thesis award:**

The senate suggested that the committee be re-constituted by the PGC which should include some experts from industry and also academicians from IIT or other reputed institutions and the outcome of the selection process be communicated through circulation to senate.

**19.10 Outcome of Academic Appeals Committee (AAC):**

The recommendations of the AAC is accepted.

**19.11 Students who dropped out/left last semester/Repeaters/Semester Leave**

The Senate noted the report.

**19.12 Recommendations/Reports by UGC:**

- **SG/CW change from course to credits done:** Senate accepted the recommendation.
- **Final transcript: add a CGPA conversion into percentage:** It was suggested that some formula for conversion be evolved and publicized on website for the reference. However, it should not be printed on the official transcript.
- **Transcript format should be approved:** Transcript was accepted with suggestions that the footnoted should also be printed on the transcript.

- **Provisional Degree/Degree format be approved:** Senate corrected it to “Provisional Certificate”. The decision regarding “Degree” be clubbed with item no. 19.7
- **Avineet Kaur’s Online course:** The UGC chair informed the senate about the achievement of Avineet Kaur, who did Online Course during summer term and completed the requirements for the degree.
- **Audit for UG students:** Senate discussed about “audit” of course by the UG students and suggested that some detailed proposal be put up later after discussions.
- Senate noted the BTech orientation report, which was held on 7<sup>th</sup> & 8<sup>th</sup> August, 2012.

**19.13 Recommendations/Reports by PGC:**

- For MTech specialisation: Mobile Computing course may be included in Software bucket: Senate accepted the recommendation.
- Senate noted the orientation report.
- **Termination of PhD program: Amit Kumar:** The chairman informed that on his suggestion Amit has submitted some papers for a conference, which, if accepted will be good for the scholar. Also, Amit is in a teaching profession in an institution, so he would be able to do the research work. It was suggested that if he can be sponsored by his current organization, then he may be given more time to determine how he wishes to proceed. Chairman, Senate, may take suitable action after checking the records and with Amit.

**19.14 Any other item:** None

## Annexure 2

<b>List of students graduating with MTech (CSE)</b>					
Sl.No.	Roll No.	Name	WITH Thesis	WITH Specialisation (IS)	Completed Course on
1	MT10001	Anshu Malhotra	No	Yes	21-May, 2012
2	MT10002	Anupama Aggarwal	Expected to Complete in December 2012		
3	MT10003	Anuradha Gupta	Yes	Yes	21-Aug, 2012
4	MT10004	Chandrika Bhardwaj	No	Yes	21-Aug, 2012
5	MT10005	Kamini Sharma	No	Yes	21-May, 2012
6	MT10006	Komal Kochar	No	Yes	21-May, 2012
7	MT10007	Komal Sachdeva	Yes	Yes	21-Aug, 2012
8	MT10008	Madhuri Siddula	Yes	Yes	21-Aug, 2012
9	MT10009	Madhvi gupta	Yes	Yes	<b>21-Dec, 2012</b>
10	MT10010	Manasi Sachdeva	No	Yes	21-May, 2012
11	MT10011	Mohona Ghosh	No	Yes	21-Aug, 2012
12	MT10012	Niharika Sachdeva	No	Yes	21-Aug, 2012
13	MT10013	Nilesh Sharma	No	Yes	21-May, 2012
14	MT10014	Prateek Dewan	No	Yes	21-Aug, 2012
15	MT10015	Pulkit Mehndiratta	No	Yes	21-May, 2012
16	MT10016	Ratnala Santosh Kumar	No	Yes	21-Aug, 2012
17	MT10017	Robin Kumar Verma	Yes	Yes	21-Aug, 2012
18	MT10018	Sakshi Agrawal	No	Yes	21-May, 2012
19	MT10019	Sneha Shukla	No	Yes	<b>21-Dec, 2012</b>
20	MT10020	Vidushi Wanchoo	No	Yes	21-May, 2012
21	PhD0903	Denzil Rosario Correa	Yes	No	21-May, 2012
22	PhD0909	Sangeeta	Yes	No	21-Dec-2011

## List of students graduating with BTech(CSE)

Sl.No.	Roll.No.	Name	DEGREE	Completed Course on
1	2008001	Aastha Nigam	With Honors	21-May, 2012
2	2008002	Abhishek		21-May, 2012
3	2008005	Aman Gupta		21-May, 2012
4	2008006	Aman Sahni		21-May, 2012
5	2008007	Amar Parkash		21-May, 2012
6	2008008	Ankit Kadam		21-May, 2012
7	2008009	Ankit Sarkar	With Honors	21-May, 2012
8	2008010	Apoorav Goel		21-May, 2012
9	2008011	Arjun Asthana	<i>Expected to Complete in December 2012</i>	
10	2008013	Arun Singh		21-May, 2012
11	2008014	Ashish Gupta		21-May, 2012
12	2008015	Atul Goyal		21-May, 2012
13	2008016	Avineet Kaur		<b>21-Aug, 2012</b>
14	2008017	Bhanu Verma		21-May, 2012
15	2008018	Charvi Puri	With Honors	21-May, 2012
16	2008019	Dheeraj		21-May, 2012
17	2008020	Divij Wadhawan		21-May, 2012
18	2008021	Gaurav		21-May, 2012
19	2008022	Gaurav Goswami		21-May, 2012
20	2008023	Gaurav Saluja		21-May, 2012
21	2008024	Harsh Vardhan Atal		21-May, 2012
22	2008025	Hemank Lamba	With Honors	21-May, 2012
23	2008028	Ishita Jain	With Honors	21-May, 2012
24	2008029	Kanika Narang	With Honors	21-May, 2012
25	2008030	Kunal Kataria	<i>Expected to Complete in December 2012</i>	
26	2008031	Lakshay Ahuja		21-May, 2012
27	2008032	Manish Dahamiwal		21-May, 2012
28	2008033	Mohammad Masoom Danish		21-May, 2012
29	2008034	Mohit Rathi		21-May, 2012
30	2008035	Naman Jain		21-May, 2012
31	2008037	Nikhil Singh Shekhawat		21-May, 2012
32	2008039	Prateek Gaur	With Honors	21-May, 2012
33	2008040	Pratyush Tripathi		21-May, 2012
34	2008041	Rahul Gautam		21-May, 2012
35	2008042	Rahul Gupta		21-May, 2012
36	2008044	Rajat Vikram Singh	With Honors	21-May, 2012
37	2008045	Rohit Kishore		21-May, 2012

38	2008046	Sandeep Pathak		21-May, 2012
39	2008047	Saurav Maitra	With Honors	21-May, 2012
40	2008049	Shrey Jairath	With Honors	21-May, 2012
41	2008050	Siddharth	With Honors	21-May, 2012
42	2008051	Stuti Ajmani	With Honors	21-May, 2012
43	2008052	Sumit Arora	<i>Expected to Complete in December 2012</i>	
44	2008053	Sunpreet Singh Arora	With Honors	21-May, 2012
45	2008054	Tanmay Verma	With Honors	21-May, 2012
46	2008055	Tanushree Mishra		21-May, 2012
47	2008056	Tuhinanshu		21-May, 2012
48	2008057	Vibhas Kumar	With Honors	21-May, 2012
49	2008058	Vikas Sangwan		21-May, 2012
50	2008059	Vivek Verma		21-May, 2012
51	2008060	Yash Seth		21-May, 2012

**(Annexure 3)**

Appendix-1(a)  
Roll No.....

Indraprastha Institute of Information Technology  
Delhi  
hereby confers on  
-----XYZ-----  
The Degree of

**Bachelor of Technology in Computer Science and Engineering**

on having successfully completed the prescribed requirements.  
Given at Delhi on 3<sup>rd</sup> of November,2012

Chairman, Board of Governors

Director & Chairman, Senate

Registrar

Appendix-1(b)  
Roll No.....

Indraprastha Institute of Information Technology  
Delhi  
hereby confers on  
-----XYZ-----  
The Degree of

**Bachelor of Technology in Computer Science and Engineering**

with **Honors** on having successfully completed the prescribed requirements.  
Given at Delhi on 3<sup>rd</sup> of November,2012

Chairman, Board of Governors

Director & Chairman, Senate

Registrar

Appendix-1(c)  
Roll No.....

Indraprastha Institute of Information Technology  
Delhi  
hereby confers on  
-----XYZ-----  
The Degree of

**Bachelor of Technology in Computer Science and Engineering**

with minor in **Economics** on having successfully completed the prescribed requirements.  
Given at Delhi on 3<sup>rd</sup> of November,2012

Chairman, Board of Governors

Director & Chairman, Senate

Registrar

Appendix-2  
Roll No.....

Indraprastha Institute of Information Technology  
Delhi  
hereby confers on  
-----XYZ-----  
The Degree of

**Master of Technology in Computer Science and Engineering**  
with specialization in **Information Security/Data Engineering...**

on having successfully completed the prescribed requirements.  
Given at Delhi on 3<sup>rd</sup> of November,2012

Chairman, Board of Governors

Director & Chairman, Senate

Registrar

## **Proposal for a Dual Degree Program in IIIT Delhi**

**Background.** Dual degree programs are quite common in India – most IITs have it and IIIT Hyderabad also has it (IIITH has it with MS). The main motive behind such a program is to have some of the UG students of an Institute do their MTech in the Institute, so the Institute’s research activity can benefit by having these students, who are well trained in fundamentals and have good skills, do focused research for about a year for their Masters thesis.

The main features of these programs are:

- The student may be admitted directly into the dual-degree program (many IITs have this, CSE/IITK earlier had this), or it may be allowed to migrate into this program after some point in the BTech program (CSE, IITK has now moved to this model), or it may be a combination of the two (IIITH uses both).
- It is treated as a program with its own requirements. The student gets a BTech and an MTech (or MS) together at graduation time. (There may be some exit clause, in case student is not able to complete MTech.)
- One common objective of all these programs is to ensure that in the 5<sup>th</sup> year, the student is primarily doing thesis work with very little course load (at most one per semester).

Common approach for achieving the above objective is to reduce some requirements for BTech and reducing some requirements for MTech.

- In CSE/IITK – in 4<sup>th</sup> year the student does one course less, does not do his BTP (which is equal to 3 courses) – instead is expected to do 4 MTech level courses in the 4<sup>th</sup> year. The MTech course requirement is reduced from 6 to 5, which means that the student has to do only 1 course in the 5<sup>th</sup> year, besides doing the thesis.
- In CSE/IITB – similar to IITK. They have a higher course requirement in MTech (9), but ensure that the dual degree student has to do 2 courses in the fifth year.
- In IIITH – has only dual degree with MS with Research program. The course requirement is lesser in the MS program. They allow migration after 2<sup>nd</sup> year, and .... Their data is that only about half the dual degree students finish the program in 5 years.

**Proposal.** As IIIT-Delhi follows a credit based system, to achieve the main objectives of dual degree programs, we will have to formulate our regulations accordingly. It will be desirable if the credit requirements for degrees are not changed, as they will have impact on existing regulations. Following regulations are proposed:

- A student may opt for migrating to the dual degree program anytime before the start of his/her 7<sup>th</sup> semester in the BTech program. Only students with CGPA of 7.0 or above are eligible for this. [Application process to be finalized for selecting from the applicants – may use letters from faculty who are ready to guide the thesis.]

- Any extra CSE course credits earned beyond what is required for BTech, up to a maximum of 12 credits, may be counted towards course credit requirements for the MTech degree. (So, a student can do extra courses in 3<sup>rd</sup> and 4<sup>th</sup> year, as Honors students do, and get these credits counted towards satisfying the MTech course credit requirements.)
- As the student have undergone the BTech program of IIIT-D and so has the necessary background and strength in foundations, the core course requirement of MTech program, which is designed to impart some core knowledge to students, may be deemed to be satisfied. In other words, the core course requirement of MTech (CSE) is waived for the dual degree students for earning their MTech. (In MTech programs where the core course requirement is more than three courses, only three of these may be waived.)
- A dual degree student will be considered as an BTech student till the time he/she completes the requirements of the same; thereafter he/she will be considered as an MTech student.
- The dual degree student must spend at least two semesters as an MTech student. [NOTE: This is to prevent someone trying to do it in one semester through overload etc.]
- A dual degree student must do an MTech thesis, which may be a continuation of the work done in BTP. (Operational details for this continuation to be worked out later.)
- As the MTech degree is expected to be completed in one year after BTech (rather than two years, as with regular MTech), the fee for the MTech portion of the dual degree program will be half of regular MTech fee. I.e. the total fee for the dual degree program is fee for BTech program + half of the fee for MTech program.
- The dual degree student will not be eligible for campus placement in his/her BTech portion, and will be eligible only in his/her last year to use placement services.

It is envisaged that this program will play out as follows:

- A student will decide sometime in 3<sup>rd</sup> year that he/she wishes to pursue the dual degree. He/she will do up to 3 courses extra during 3<sup>rd</sup> and 4<sup>th</sup> years, as for Honors, but the extra credits will get counted towards MTech. I.e. the load during the first 8 semesters is same as for Honors.
- With waiver of core requirements in MTech, a student will have to do 5 courses for MTech in with-thesis option. Having done 3 extra courses in 3<sup>rd</sup>/4<sup>th</sup> years, he/she will have to do 2 more in the 5<sup>th</sup> year for their MTech credits, and will have to do at least 16 credits of MTech thesis. (In without-thesis option, the student will have to do 4 extra courses + at least 8 credits of scholarly paper.)
- For the current batch (which initiated this,) which may not have earned sufficient extra credits in the BTech, some special provision will have to be provided during the summer to earn some extra credits. Or they will have to do some more courses in 5<sup>th</sup> year.