AGENDA

Sixteenth (16th) Meeting of SENATE of

Indraprastha Institute of Information Technology, Delhi

Date: **03 August, 2011**

Day: **Wednesday____**

Time: **03.00 PM_____**

Venue: **Conference Room**
3rd Floor, Library Building
NSIT Campus,
Sector-3, Dwarka,
New Delhi-110078

SIXTEENTH (16TH) MEETING OF SENATE OF IIIT-DELHI
INDEX

Sl. No	Description
1.	**Agenda Items** 16.0　Opening remarks of the Chairman 16.1　Confirmation of minutes of the 15th Senate meeting 16.2　Welcome to new members; thanks to outgoing members. 16.3　Announcements - including relevant Board decisions 16.4　Accepting the new students 16.5　PG Committee's recommendations and decisions on various issues. 16.6　Report from the appeals committee. 16.7　CGPA/policy for admitting students from MTech into PhD 16.8　Starting the practice of giving appreciation letters to instructors 16.9　Starting "Undergraduate Research" as a course like Independent Study /project. 16.10　Process for awards at graduation time – set up sub committees to define this 16.11　Planning for first convocation 16.12　Allowing PhD students to get MTech 16.13　Any other item, with the permission of the Chair.
2.	**Annexure No.**　　　　　　　　　　**Item No.** Annexure 1　　　–　　16.1 Annexure 2　　　–　　16.4 Annexure 3　　　–　　16.5 Annexure 4　　　–　　16.6

SIXTEENTH (16TH) MEETING OF SENATE OF IIIT-DELHI

AGENDA

16.0 Opening remarks of the Chairman

16.1 Confirmation of minutes of the 15th Senate meeting

The minutes of 15th Senate meeting was circulated among the members, which may be considered for confirmation. A copy of the same is placed at **(Annexure 1)**

16.2 Welcome to new members; thanks to outgoing members.

16.3 Announcements - including relevant Board decisions.

16.4 Accepting the students who have been given admission and who have accepted the admission into the various programs.

Summary of admissions for AY 2011-12 is:
- PhD : 7
- MTech (CS) specialization in Information Security   : 17
- MTech (CS) specialization in Data Engineering   : 18
- BTech (IT) : 119
   List of the students is enclosed as **Annexure 2**

16.5 PG Committee's recommendations and decisions on various issues.

Given in **Annexure 3**

16.6 Report from the appeals committee.

Given in **Annexure 4**

16.7 CGPA/policy for admitting students from MTech into PhD.
The senate had agreed to allow students in our MTech program who are performing well to move to PhD, while getting their MTech on the way. It is desirable to also build a policy on admitting students directly from the MTech. The policy may be in terms of CGPA requirements (e.g. 8.0 or above) and/or something else.

16.8 **Starting the practice of giving appreciation letters to instructors** who get very good student feedback. Only courses with enrollment more than around 50 will be considered, provided the number of reviews is greater than about 20.

16.9 **Starting "Undergraduate Research" as a course like Independent Study / project**.
Right now we permit students to take Independent Study and Projects – the limit is that they can take up to 8 credits only. It is proposed that an "Undergraduate Research" course be added to this group, while maintaining the overall credit limit. This will make the set complete – one focuses on research, one on learning some new topic, and one on doing some project. It will also explicitly allow research to be a part of the UG curriculum.

16.10 **Process for awards at graduation time** – set up sub committees to define this

16.11 **Planning for first convocation** - what date (IITD's is 2nd week of Aug) - do it in Aug itself? Or move it to Oct, when the weather is better (anyone abroad will never come to this then). There are many other issues.

16.12 **Allowing PhD students to get MTech also** – discussion on how to facilitate this.

16.13 **Any other item, with the permission of the Chair**.

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Minutes of the 15th Senate Meeting of IIIT-D held on 20th May, 2011, at 11.00 AM in Conference Room, IIIT-Delhi, Library Building, NSIT Campus, Sec-3, Dwarka, New Delhi

Following members were present:

- Prof. Pankaj Jalote   -   Chairman
- Prof. K. K. Biswas   -   Member (from IIT Delhi)
- Prof. Dheeraj Sanghi   -   Member (from IIT Kanpur)
- Dr. Anirban Mondal   -   Member
- Dr. Astrid Kiehn   -   Member
- Dr. Mayank Vatsa   -   Member
- Dr. Ponnurangam Kumaraguru   -   Member
- Dr. Richa Singh   -   Member
- Dr. Vikram Goyal   -   Member
- Mr. Vivek Tiwari   -   Secretary

Following members participated via telecon:

- Mr. C. Anantaram   -   Member (from TCS)
- Prof. Jayanthi Siwaswami   -   Member (from IIIT-Hyderabad)
- Prof. Muthusamy Chelliah   -   Member (from Yahoo!)
- Mr. Saugat Sen   -   Member (from Cadence)
- Dr. Amarjeet Singh   -   Member (Faculty IIIT-D)

Special Invitee:

- Dr. Vinayak Naik   -   Faculty IIIT-D

15.0   Chairman's opening remarks

The Chairman extended a warm welcome to all the members to the meeting. The members who could not attend the meeting were granted leave of absence.

15.1   Confirmation of minutes of the 14th meeting of Senate

As there were no comments from anyone, the minutes were confirmed.

15.2   Additional names for selection committee panel

The Senate agreed that Dr. Ravi Kothari, Associate Director, IBM, and Tapan Parikh, Assistant Professor, Ischool, UC Berkeley shall be added to the panel.

15.3   M.Tech. in Data Engineering

The Director IIIT-D informed the Senate about this M.Tech. program and also that now IIIT-D has 4 expert faculty of this field with the joining of Dr. Sirkanta Bedathur. A detailed discussion was held with respect to the courses and its relevance in the industries. Dr. Anirban informed that they had discussion with industries like IBM, TCS, etc. and incorporated their views while designing the structure and courses of this specialized field.

Prof. Jayanthi Siwaswami and Mr. Saugat Sen expressed their views regarding with thesis/Non-thesis options and other scholarly papers. Prof. K.K. Biswas and Prof. Dheeraj Sanghi also provided their valued inputs.

The Senate agreed to the proposal.

15.4   To address direct interaction by parents of students with the instructors, the following rule has been made

Although, IIIT-D have Disciplinary Action Committee (DAC) and other policies to maintain the ethics of education and discipline, keeping in view the opinion of the faculty members, the Senate agreed to implement this rule.

15.5   Conversion from MTech to PhD

Matter was discussed in length, and it was finally agreed that the proposed guidelines for conversion from MTech to PhD be accepted. It was agreed that guidelines be also evolved for PhD students to get an MTech also during the course of their PhD.

15.6   BTech (IT) Program – clarification of the graduation requirements for initial batches.

The Senate approved the proposal.

15.7   Rolling Phd Admission

The Senate agreed that this may be put in practice with immediate effect.

15.8   CW Category for admission in the BTech (IT) program

The Senate agreed to the proposal.

15.9 Status of those repeating the first year, and those who need to repeat the first year or leave the program

The recommendations of the academic appeal's committee have been accepted.

15.9.1 Accordingly, the first year students Saurabh's and Monika's BTech program will be terminated and Sanya Singh will have to repeat the first year.

15.9.2 BTech2008 student Aman Sahni is permitted to register for an underload (3 courses) in the coming semester as decided by the senate.

15.9.3 One student's *(Abhishek Singh-2009006)* grade change has been approved.

15.10 Changes to existing regulations

i. **MTech (CS) specialization:** The Senate accepted the proposal.

ii. **Introduction of Audit and Withdrawal grade:** The Senate agreed that "W" grade shall be printed in the transcript of the students who do 'Late Drop'. Also, the PG Regulation shall be suitably modified to introduce 'S' or 'X' grade instead of 'Audit' grade.

iii. The Senate approved to add the clarifications in BTech regulation.

iv. Minimum/Maximum credits for BTP: The Senate agreed to add up the same.

15.11 Any other Item with the permission of the Chair : None

The meeting ended with a vote of thanks.

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Minutes of the PG Committee meeting, August 1, 2011

1. **Requirement for Specialization in MTech.** The MTech regulations say that for specialization, the student must do the MTech core courses, and must do 4 courses in the stream and must do thesis/scholarly paper in it. However, when specializations emerged, they have given their own "core". This seems over specification and overly restrictive for "MTech in CS with specialization in xx", and not aligned with the spirit of the original MTech regulations. It was agreed that specializations cannot put any additional requirements – they can, however, recommend/suggest some courses/sequence of courses. As no regulations for specializations were made, no action needs to be taken. However, the Senate needs to be informed, as the Senate had approved the specializations.

2. **Courses to include in the Core baskets:** While the baskets are defined for MTech, only some illustrative courses were originally mentioned, with the expectation that as new courses are introduced the baskets will expand. It was agreed the following courses may be added to the different baskets.
   a. **Theory:** Program verification and analysis, randomized algorithms, advanced algorithms, Logic, Applied Cryptography.
   b. **Software:** Program verification and analysis, Advanced Object Oriented Systems, Information retrieval, Secure coding, Application development for web 2.0 Social media platforms.
   c. **Systems:** DSS, Database System Implementation, Advanced OS, Mobile and Cellular Network Security, Computer Architecture, Mobile Computing

3. **Sangeeta's case:** As per the newly defined bucket of courses, the courses Sangeeta has done seem to already satisfy the core requirements for MTech, hence nothing needs to be done.

4. **Tentative Schedule for the Presentation of 2nd year PhD students and Comprehensive exam for 3rd year PhD students**:
   - Presentations may be scheduled in the 3rd or 4th week of August. All the concerned students have to submit the yearly work report to the PGC through the advisor.
   - For Comprehensive exam, it is proposed to conduct it during fifth semester, on a student-by-student basis. Students and their advisors have to fix the schedule with PGC Chair. Students have to submit their reports to the PGC through the advisor.

5. **Constitution of Committee for Comprehensive exam**: Committee agreed to authorize PG Chair for the same.

6. **Monitoring Committee**: All the faculty who are present in the presentation will continue to form the monitoring committee for now. Later, different committees may be formed.

7. **Extension for PhD Comprehensive date**: It was agreed that PG Chair can approve extension for a semester. It was agreed that the current guidelines that the comprehensive be done before the end of second year was too strict, and instead it should be before the end of fifth semester. This was to be finalized through the Senate. For the 2009 batch, it was agreed that an automatic extension for one semester be grated to all.

8. **Semester Leave:** It was agreed that leave up to one semester may be granted by the PGC chair. Any further leave should be discussed in the PGC. Following this guideline, semester leave request of Kuldeep was granted by the PGC Chair.

9. **Leave Request of Anuda Agarwal**. She has already been granted one semester leave. It was finally agreed that as up to two semester leave is permissible, she may be granted another semester leave. However, no extension will be possible beyond that.

10. **Amit's Case.** Amit (2009 batch PhD student) has informally sought migration of his program to full time Sponsored category. After a discussion, PGC agreed that as Nilesh's case is working out well, and there is little cost to the Institute, if the adviser is aggreable and the student is motivated, such migration be allowed. As Asish (Amit's adviser) has agreed to continue to guide him, and Amit remains very positive, it was agreed that his migration be allowed, provided he gets the proper letter from his new employer.

11. **Scholarly paper option for MTech TAs.** MTech TAs are required to take a thesis option. It was clarified that this was done on the basis of the assumption that those who will be offered TAship will be better students and hence should be asked to do a thesis. However, as the experience indicates, this is not always the case. So, shall we continue to "force" these TAs to do thesis, or can they be allowed the non-thesis option also. It was decided to defer the issue to allow PGC members to think about the same.

12. **Semester Leave for MTech TAs and four semester TA requirement**. MTech TAs face a special issue in leave. The regulations state that they must be TAs for four semesters. This means that if they take a leave for a semester, they will have to graduate a semester later, even if they have fulfilled all the academic requirements. It was felt that this may be rectified later – however, as of now the regulations will be applied as they are.

13. **Doing part-time work by MTech students**. It was clarified that a student cannot register for any credits if he/she is on a semester leave. It was further clarified that if a student is not a TA, the Institute cannot put any restrictions on what he/she does

outside the Institute. So, a student who is not a TA, can work outside if he/she wishes and does not really even need permission for the same. Hence, a student, if he/she wishes to work part-time (as an intern or otherwise) during a semester, he/she may only need to request for an under load to be allowed during that semester. If the student is a MTech TA, then part-time work may be done when the student is on leave. If a TA agrees to do his/her TA duties without stipend, then his/her application for part-time work during a semester may be considered, provided the TA duties and other academic work does not suffer.

14. **TAships for PhD** - right now we have a requirement of two sem TAship. If it is finished in first two semesters, Institute does not have any "senior TAs", which will be very important as we go forward and classes get large. There was a discussion on if this requirement needs to be enhanced. It was felt that whatever approach is taken, it should strike a good balance between teaching needs, project/research needs, and desires of the PhD scholars. **After discussion it was agreed to defer this item for a later date and revisit it after more consideration**.

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