राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली

NATIONAL INSTITUTE OF TECHNOLOGY DELHI

(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान)

(An autonomous Institute under the aegis of Ministry of HRD, Govt. of India)

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MINUTES OF THE 2nd MEETING OF THE SENATE, NIT DELHI HELD ON August 7th, 2016 AT 11:00 AM IN THE COMMITTEE ROOM NO. 301 AT NIT DELHI.

The Following members were present in the meeting:

1.	Prof. Ajay Kumar Sharma (Director, NIT Delhi)	:	Chairman
2.	Prof. S. C. Dutta Roy (INSA Honorary Scientist New Delhi)	:	Member
3.	Prof. Dheeraj Sanghi (CSE Department, IIT Kanpur)	:	Member
4.	Dr. A. K. Gupta (Former Director, IRDE, Dehradun)	:	Member
5.	Dr. Amit Mahajan Dean (Academic) I/C, NIT Delhi	:	Member
6.	Dr. Anuj K. Sharma Dean (Student Welfare) I/C, NIT Delhi	:	Member
7.	Dr. Rikmantra Basu Dean (P&D) I/C and HoD (ECE), NIT Delhi	:	Member
8.	Dr. Anmol Ratna Saxena Dean (Faculty Welfare) I/C, NIT Delhi	:	Member
9.	Dr. Amit Pratap Singh Dean (R&C) I/C, NIT Delhi	:	Member
10.	Dr. Anurag Singh HoD (CSE), NIT Delhi	:	Member
11.	Dr. Gyanendra Sheoran HoD (AS and HM), NIT Delhi	:	Member
12.	Dr. Abhishek Mishra HoD (ME), NIT Delhi	:	Member
13.	Dr. Tirupathiraju Kanumuri HoD (EEE), NIT Delhi	:	Member
14.	Mr. Abhishek Gandhi Assistant Professor (ME), NIT Delhi	:	Invited Member
15.	Dr. Manisha Singh Assistant Registrar (Administration)	:	Officiating Secretary

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Prof. Yogesh Singh (Director, NSIT, Delhi) Prof. Y. N. Singh (EEE Department, IIT Kanpur), and Prof. Nupur Prakash (Vice Chancellor, IGDTUW, Delhi) conveyed in advance their unavailability to attend the meeting due to some pre-occupied assignment.

At the outset, Chairman welcomed all the members present in the meeting and took up the following Agenda Items:

SENATE/02/2016/01	To note and confirm the minutes of the 1st meeting of Senate held on 28th August, 2015

The Senate members suggested that the minutes of the 1st Senate meeting may be approved.

SENATE/02/2016/02	To note the Action taken report on the minutes of 1st meeting of Senate held on 28th August, 2015

The Senate members were apprised of the following Action Taken Report on the minutes of 1st Senate meeting (dated 28th August 2015):

Agenda Item No.	Agenda Item	Action Taken
Senate /01/2015/01	To consider and approve Rules and Regulations for B.Tech Programme for the Batch 2015 onwards.	Necessary modifications have been incorporated as per the Senate's approval.
Senate /01/2015/02	To consider and approve Rules and Regulations for M.Tech Programme for the Batch 2015 onwards.	Necessary modifications have been incorporated as per Senate's approval.
Senate /01/2015/03	To consider and approve Rule and Regulations for Ph.D Programme Effective From January 2015 onwards.	Necessary modifications have been incorporated as per Senate's approval.
Senate /01/2015/04	To consider and approve the scheme for B.Tech Programme and detailed curriculum/syllabus for the Batch 2015 onwards.	Necessary modifications have been incorporated as per Senate's approval.
Senate /01/2015/05	To consider and approve the scheme for M.Tech Programme and detailed curriculum/syllabus for the Batch 2015 onwards.	Necessary modifications have been incorporated as per Senate's approval.
Senate /01/2015/06	To consider and approve additional courses to be offered to Ph.D Scholars in addition to M.Tech Courses.	Implemented
Senate /01/2015/07	To consider and approve the Academic Calendar for the Academic Session 2015-16 (Autumn and Spring Semester).	Necessary modifications have been incorporated as per Senate's approval and implemented the same.
Senate /01/2015/08	To Consider and approve the fee structure for backlog courses (Study mode and examination mode).	Implemented as per Senate's approval.
Senate /01/2015/09	To consider the indiscipline caused by Mr. Deepender Dabas, Ph.D Student in the Department of Electronics and Communication Engineering.	Necessary action has been taken as per Senate's approval.

Senate /01/2015/10	To consider the case of impersonation in Make-up examination by 2nd Year ECE students.	Necessary action has been taken as per the Senate's approval.
Senate /01/2015/11	To Consider and approve of the case of Year Back students.	Necessary action has been taken as per the Senate's approval.
Senate /01/2015/12	To consider and approve the RAC Report of Ph.D students.	Noted and implemented the same.
Senate /01/2015/13	To consider and approve the format of the Question Paper for End Semester Examination.	Noted the suggestion and implemented the same.
Senate /01/2015/14	To Consider and approve the Collaboration on HBX.	The proposal not approved by the senate.

The Senate members took note of the above Action Taken Report and accepted it.

SENATE/02/2016/03	To consider and approve the revised credit scheme for B. Tech Programme (Batch 2015 onwards)

The Senate members suggested that the credits of Project work (in 7th and 8th semesters) in the revised credit scheme may be increased, and degree requirement credits may be decreased. With these observations, the Senate approved the above agenda item, in principle. The Senate members will study it further and will provide a detailed feedback on the same.

SENATE/02/2016/04	To consider and approve the course curriculum for B. Tech programme (1st Year to 2nd Year, Batch 2015 onwards) for Department of Computer Science and Engineering.

The Senate members considered and approved the course curriculum for 3rd and 4th semesters. It was suggested that following credit scheme for Project work should be followed:

(i). Project I (7th Semester): 04 credits   **(ii).** Project II (8th Semester): 10 credits

In order to ensure the above credit scheme for Project work, the credits for other courses may have to be reduced. Correspondingly, the number of courses should be reduced so that the total degree requirement credits may remain **175**.

Further, the students having completed the minimum credits with one category of elective courses may lead to either "Major degree with specialization in a group" or "Major degree with minor degree in other department".

A subject on "Technical Communication" of 1 credit should be included. The content of Technical communication should focus on all aspects of communication, namely, writing, reading, listening, and speaking. However, speaking aspect should be more emphasized. A suitable faculty from Humanities department may be designated to frame the content of Technical Communication (6th Semester). The above course should also include the mannerism part and practical studies of communication.

SENATE/02/2016/05	To consider and approve the course curriculum for B. Tech programme (1st Year to 2nd Year, Batch 2015 onwards for Department of Electronics and Communication Engineering.

The Senate members considered and approved the course curriculum for 3rd and 4th semesters. It was suggested that following credit scheme for Project work should be followed:

(i). Project I (7th Semester): 04 credits   **(ii).** Project II (8th Semester): 10 credits

In order to ensure the above credit scheme for Project work, the credits for other courses may have to be reduced. Correspondingly, the number of courses should be reduced so that the total degree requirement credits may remain **175**.

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SENATE/02/2016/06	To consider and approve the course curriculum for B. Tech programme (1st Year to 2nd Year, Batch 2015 onwards) for Department of Electrical and Electronics Engineering.

The Senate members considered and approved the course curriculum for 3rd and 4th semesters. It was suggested that following credit scheme for Project work should be followed:

(i). Project I (7th Semester): 04 credits   **(ii).** Project II (8th Semester): 10 credits

In order to ensure the above credit scheme for Project work, the credits for other courses may have to be reduced. Correspondingly, the number of courses should be reduced so that the total degree requirement credits may remain **175**.

Further, the students having completed the minimum credits with one category of elective courses may lead to either "Major degree with specialization in a group" or "Major degree with minor degree in other department".

A subject on "Technical Communication" of 1 credit should be included. The content of Technical communication should focus on all aspects of communication, namely, writing, reading, listening, and speaking. However, speaking aspect should be more emphasized. A suitable faculty from Humanities department may be designated to frame the content of Technical Communication (6th Semester). The above course should also include the mannerism part and practical studies of communication.

SENATE/02/2016/07	To consider and approve the syllabus of subjects of Department of Humanities & Management for B.Tech programme (Batch 2015 onwards).

The Senate members considered and approved the syllabus of subjects from Department of Humanities and Management for B. Tech. programme (2015 onwards).

SENATE/02/2016/08	To consider and approve the syllabus of Mathematics subjects of B. Tech programme (3rd and 4th semesters, Batch 2015 onwards) offered by

	Department of Applied Sciences.

The Senate members considered and approved the syllabus of Mathematics subjects of B. Tech. programme (3rd and 4th semesters, Batch 2015 onwards) offered by Department of Applied Sciences.

SENATE/02/2016/09	To consider and approve the course curriculum for M. Tech in Computer Science and Engineering.

The Senate members considered and approved the course curriculum for M. Tech. Programme in Computer Science and Engineering with a suggestion that the "Open Elective" should be replaced with "Elective 6".

SENATE/02/2016/10	To consider and approve the course curriculum for M. Tech in Electronics and Communication Engineering.

The Senate members considered and approved the course curriculum for M. Tech. Programme in Electronics and Communication Engineering with a suggestion that the "Open Elective" should be replaced with "Elective 6".

SENATE/02/2016/11	To consider and approve the syllabus of M. Tech (CAD/CAM) programme (2016-17 session) for the Department of Mechanical Engineering.

The Senate members considered the syllabus for M. Tech. (CAD/CAM) programme run by Mechanical Engineering department. The members suggested that while writing the curriculum in NBA format, the relevance of Programme Outcome (PO) and Course Outcome (CO) should be clearly distinguished. Instead of writing same PO everywhere, the emphasis should be given on CO corresponding to each individual course. Members also suggested that the open-ended problems should be included in the CO of project-based components.

With above suggestions, the Senate members approved the syllabus of M. Tech. (CAD/CAM) programme.

SENATE/02/2016/12	To consider and approve the proposal for M. Tech in Smart Material and Technology for Department of Applied Sciences from 2017 onwards.

The Senate members considered and approved the proposal for M. Tech in Smart Material and Technology for Department of Applied Sciences from 2017 onwards.

SENATE/02/2016/13	To consider and approve the proposal for M. Tech in Electrical and Electronics Engineering (Power Electronics & Drives) for Department of Electrical and Electronics Engineering Sciences from 2017 onwards.

The Senate members considered and approved the proposal for M. Tech in Electrical and Electronics Engineering (Power Electronics & Drives) for Department of Electrical & Electronics Engineering.

SENATE/02/2016/14	To consider and approve the proposed syllabus of Research Methodology for all Ph. D Scholars as an Optional Audit Course.

The Senate members suggested that the content of the course "Research Methodology" is critically required for Ph. D. scholars. The course should remain as mandatory rather than an optional Audit course. Therefore, the agenda item is not approved.

SENATE/02/2016/15	To consider and approve the subjects and syllabus of Ph. D course work for Department of Electrical & Electronics Engineering Department.

The Senate members considered and approved the subjects and syllabus of Ph. D course work for Department of Electrical & Electronics Engineering Department.

SENATE/02/2016/16	To consider and approve the subjects and syllabus of Ph. D course work for Department of Humanities and Management.

The Senate members considered and approved the subjects and syllabus of Ph. D course work for Department of Humanities and Management. However, the members observed that all courses are from Management stream and suggested that the courses from Humanities stream should be designed and placed in the next Senate meeting.

SENATE/02/2016/17	To consider and approve the Academic Calendar for the Academic Session 2016-17 (Autumn Semester)

The Senate members considered and approved the academic calendar with a suggestion that the dates of the Senate meeting (tentatively 17th/18th December 2016) and Convocation (7th September) should also be fixed in the academic calendar.

SENATE/02/2016/18	To consider and approve the guidelines to issue the proposed format of Character Certificate and Migration Certificate.

The Senate members suggested that a provision should be there not to provide migration certificates. Only transfer certificates should be provided to the students. No original migration certificate should be kept with the institute during his/her first registration. If a student formally withdraws his/her admission, an office order may be issued about the same.

SENATE/02/2016/19	To consider and review the case of Dhruv Kumar Meena, Department of Electronics and Communication Engineering.

The Senate members reviewed the case of Dhruv Kumar Meena, a B. Tech. (ECE) student, and suggested that proper rules and regulations should be brought that "*if a student discontinues his/her studies in a semester without any prior information and approval, that student may be rusticated from institute by merely issuing an office order.*" However, since the corresponding rule is not there at present, so Dhruv Kumar Meena may be allowed to continue his study in B. Tech. (ECE) first year. The Senate suggested that the corresponding rules should be framed and placed in the next Senate meeting.

SENATE/02/2016/20	To consider and approve New Rules and Regulations for Central Library.

The Senate members observed that the above is an administrative matter and there is no need to get it approved in Senate.

SENATE/02/2016/21	To consider and approve the date up to which M. Tech and Ph. D students will receive the stipend.

The Senate members discussed and decided that the M. Tech. student may get stipend for a maximum of 24 months or final *viva-voce*, whichever is earlier. If the M. Tech. student is absent due to illness/medical reasons, the stipend could be given for the corresponding duration provided the total stipend duration (during the whole programme) doesn't exceed 24 months. Ph.D. student may avail scholarship for a maximum duration of 4 years.

SENATE/02/2016/22	To consider and approve the date of renewal of stipend for M. Tech and Ph.D students if withheld due to low CGPA or poor end semester progress report (in case of Ph. D student).

The Senate members discussed and decided that after attaining sufficient CGPA (in cases), the stipend of the concerned student may be immediately started from the first day of next calendar month (not from the next semester) subject to fulfillment of all other necessary conditions.

SENATE/02/2016/23	To consider and approve the eligibility for Ph. D admission in Sciences.

The Senate members discussed and concluded that if a candidate has an M. Tech. degree (in relevant area with required CGPA/percentage of marks as prescribed by the advertisement), he/she does not have to possess any valid NET/ GATE score in order to be eligible for Ph. D admission in Sciences. If a candidate has an M. Sc. degree (in relevant area with required CGPA/percentage of marks as prescribed by the advertisement), he/she has to necessarily possess the valid NET/ GATE score in order to be eligible for Ph. D admission in Sciences.

SENATE/02/2016/24	To consider and approve the End Semester Ph. D presentation in the presence of external expert of Research Advisory Committee.

The Senate members discussed and concluded that for RAC presentation, the external expert member should be called once a year rather than in every semester.

SENATE/02/2016/25	To consider and approve the Introduction of a non-credited course on Written/Technical communication.

The Senate members discussed and concluded that there is no requirement of a special non-credit course on 'Technical Communication' for PhD students. The relevant content may be added to the subject 'Research Methodology' and/or the two seminars of Ph.D. course work may be reformed accordingly.

SENATE/02/2016/26	To consider and approve the changes in the course code (similar in two or more Departments) in the B. Tech. old Scheme course curriculum.

The Senate members concluded that the change of course codes may be approved.

SENATE/02/2016/27	To report the result of comprehensive examination for Ph. D Students.

The Senate members approved the reported result of comprehensive examination of Ph. D students. The Senate members suggested, in addition to that a provision should be made for B. Tech students to be admitted in PhD. For the same, the corresponding guidelines should be prepared and placed in next Senate meeting.

SENATE/02/2016/28	To report the conversion of four Ph. D students from JRF to SRF category.

The Senate members approved the conversion of four Ph. D students from JRF to SRF category.

SENATE/02/2016/29	To consider and approve the Revised Eligibility Criteria and Rules for the award of any Medal & Prize at NIT Delhi.

The Senate members recommended the following:

The medals to the students in the Convocation may be awarded to those students who have completed their B. Tech/ M. Tech degree requirements AND have satisfied the following eligibility criteria:

(i)   The Minimum CGPA required is 8.5 for the award of any medals or prize.
(ii) He/She has not failed in any subject at any stage during his/her course of study at the institute till the time of the award.
(iii) No disciplinary action has been taken against him/her for any offense during his/her course of study at the institute prior to the award.
(iv) He/She has not been punished under examination malpractice and involved in violation of code of conduct at any stage of the course in the Institute/Hall of Residence/Department/Club etc.

The following medals will be given:

1. **President's Gold Medal (PGM)**: This will be given to the student who secures the highest CGPA in the batch of graduating students amongst all the Branches.
2. **Director's Gold Medal (DGM):** This will be given to the student who secures the highest CGPA in the class of graduating students of a branch.
3. **Institute Silver Medal (ISM):** This will be given to the student who secures the 2nd highest CGPA in the class of graduating students of a branch AND not getting President's Gold Medal/Director's Gold Medal.

Tie-Breaking:

1. If two or more students attain an equal CGPA upto two decimal place (in addition to satisfying the above-mentioned eligibility criteria), all such students will be eligible for the concerned medal(s) *i.e.*, DGM and ISM only.

2. If there is a tie for PGM, the following tie-breaking rules can be applied:

(a) The student having earned more number of credits will be awarded the PGM.

(b) The student with greater count of topmost grade (*i.e.*, **A+** grade in case of 2015 batch onwards and **Ex** grade in case of the previous batches) will be awarded the PGM.

(c) If the count of topmost grade is also equal, the student with greater count of next topmost grade (*i.e.*, **A** grade) will be awarded the PGM. The criterion will be applied for count of all next topmost grades until the tie is broken.

(d) If there is still a tie, the student with higher CGPA at the end of 7th semester will be awarded the PGM. The criterion will be applied for CGPA at the end of immediate previous semesters (one by one) until the tie is broken.

SENATE/02/2016/30	To consider and approve the Conferment of Degree for the B. Tech (Batch 2012-2016) and M. Tech (Batch 2014-2016) of NIT Delhi

The Senate members approved the conferment of Degree for the B. Tech (Batch 2012-2016) and M. Tech (Batch 2014-2016) of NIT Delhi.

SENATE/02/2016/31	To consider and approve the Medals for the 1st Convocation of NIT Delhi.

The Senate members approved the Medals for the 1st Convocation of NIT Delhi.

SENATE/02/2016/TA/01	To consider and approve the exclusion of two students from the list of academic excellence awardees for the 1st Convocation of NIT Delhi

The Senate members recommended that these students should be excluded from the list of academic excellence awardees for the 1st Convocation of NIT Delhi due to following reasons:

Chitrank Ameta (B. Tech. EEE, 2012-16 batch): Due to backlog of MH102 in 2013.

Lala Ram Sharma (B. Tech. EEE, 2012-16 batch): Due to disciplinary action in March 2015.

SENATE/02/2016/TA/02	To consider and take a decision on the request from Mr. P. Anjan Rao (father of Ms. P. Sindhu, B. Tech. ECE, 2011-15 batch) to receive the medals on her behalf

The Senate members recommended that the parents should not be allowed to receive degree on student's behalf at the Convocation.

SENATE/02/2016/TA/03	To consider and approve the annual evaluation of Seed Grant Project of Institute's faculty members by Evaluation Committee

The Senate members recommended that a faculty member requires at least whole one year to show some progress in any research project, therefore, the evaluation (by Evaluation Committee) of Seed Grant Project of Institute's faculty members should be done annually. The above agenda item is, thus, approved by the Senate.

SENATE/02/2016/TA/04	To consider and approve the provision for M. Tech. of C-DAC employee under MoU

The Senate members were of the view that promoting such programmes may not be feasible as the extra teaching resources (such as required for evening classes) are not available with the institute as of now. At present, NIT Delhi does not run any PG programme in VLSI, which is at the focus of the above proposal, so there may be a serious concern regarding the quality of the programme in absence of required expertise for the same. The above agenda item is, therefore, not approved by the Senate.

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

Secretary

Chairman