Minutes of the Tenth [10th] Emergent meeting of the Senate held on February 11, 2014 [Tuesday] at 3.30 p.m. in the Conference Room of the Institute.

Following members of the Senate attended the meeting:

1.	Prof. P. Chakrabarti	-	Director / Chairman
2.	Prof. R. K. Srivastava, CED	-	Member
3.	Prof. S. K. Duggal	-	Member
4.	Prof. Dinesh Chandra	-	Member
5.	Prof. Rajeev Tripathi	-	Member
6.	Prof. M. M. Gore	-	Member
7.	Prof. K. K. Shukla	-	Member
8.	Prof. Anuj Jain	-	Member
9.	Prof. N. D. Pandey	-	Member
10.	Prof. Geetika	-	Member
11.	Prof. Suneeta Agrwal	-	Member
12.	Prof. H. Kar	-	Member
13.	Prof. Vinod Yadav	-	Member
14.	Porf. A.K. Sachan	-	Member
15.	Prof. P. P. Sahay	-	Member
16.	Prof. A. K. Singh	-	Member
17.	Prof. R. D. Gupta	-	Member
18.	Prof. A. D. Bhatt	-	Member
19.	Prof. Sanjay Chaubey	-	Member
20.	Prof. Ramesh Kumar Tripathi	-	Member
21.	Prof. R. C. Vaishya	-	Member
22.	Prof. V.K. Srivastava	-	Member
23.	Prof. R. P. Singh	-	Member
24.	Prof. Vijaya Bhadauria	-	Member
25.	Prof. Amit Dhawan	-	Member

26.	Prof. R.K. Nagaria	--	Member
27.	Prof. Shubhi Purwar	--	Member
28.	Prof. H.S. Goyal	--	Member
29.	Prof. Ravi Prakash	-	Member
30.	Prof. K. N. Pandey	-	Member
31.	Dr. Sarvesh K. Tiwari	-	Registrar / Secretary
32.	Dr. S. N. Pandey, Head, Department of Mathematics	-	Special Invitee
33.	Dr. Shivesh Sharma, Head, Department of Biotechnology	-	Special Invitee

The following external members could not attend the meeting due to their preoccupation and were granted leave of absence :

1. Dr. Sumathi Rao
   Professor 'H'
   Department of Physics
   Harish Chandra Research Institute
   Chhatnag Road, Jhusi
   Allahabad – 211 019

2. Prof. S. N. Singh
   Professor
   Department of Electrical Engineering
   Indian Institute of Technology Kanpur
   Kanpur – 208 016

3. Prof. Partha Basu
   Professor,
   Department of Humanities & Social Sciences
   Indian Institute of Technology Kharagpur,
   Kharagpur – 721302

The Chairman, Senate extended warm welcome to the members and thanked them for taking their time out to attend the meeting.

Agenda item-wise proceedings are as follows :

Item No. 10.01   :   **To consider the recommendations of the SMPC on the request of some M.Tech. students for carrying out Industrial Thesis.**

Resolution   :   The Senate considered the recommendations of the SMPC on the request of following M.Tech. students' for carrying out Industrial thesis.

Sl.No.	Name of student	Reg. No.	Department
1.	Mr. Anwar S. N.	2012EE10	EED
2.	Ms. Shweta	2012EE13	EED
3.	Mr. Alok Rathore	2012IS09	CSED
4.	Mr. Ankur Shukla	2012CS34	CSED
5.	Mr. Amit Kumar Nathani	2012SW15	CSED
6.	Mr. Sunny Singh	2012SW11	CSED
7.	Ms. Shushma Vishkarma	2012CS25	CSED
8.	Ms. Himanki Jain	2012IS22	CSED
9.	Ms. Moni Chandel	2012IS07	CSED
10.	Ms. Sugandha Srivastava	2012CS24	CSED
11.	Mr. Rajeev Kumar	2012SW17	CSED
12.	Ms. Preeti Kumari	2012CS16	CSED
13.	Mr. Gupta Nitin Laxmanbhai	2012SW26	CSED
14.	Mr. Arpit Jain	2012VL12	ECED
15.	Mr. Vivek Kumar Jaiswal	2012VL22	ECED
16.	Mr. Dravit Rana	2012VL13	ECED

After deliberations it was resolved that these students be allowed to carry out joint industrial thesis as per provisions contained in the Section 6.0 of the Ordinances for Masters' Programme subject to the condition that these students shall have one supervisor from the Institute and a mentor from the Industry, where he/she has chosen to carry out the Industrial thesis. Such students shall send their thesis progress to their respective supervisor as required by the Department. Details in respect of these students are placed at **ANNEXURE –I.**

Item No. 10.02   :   **To consider the proposal for start of new M.Tech. Programme in Chemical Engineering.**

Resolution   :   The Senate considered the proposal of the Department of Chemical Engineering for starting a new M.Tech. programme in Chemical Engineering and resolved to approve the same with an intake of 25 [20 stipendiary and 05 sponsored], in principle. The Senate further resolved

a proposal regarding creation of faculty positions and stipendiary seats be put up before the Finance Committee and the Board of Governors for approval.

Item No. 10.03 : **To note and ratify the approval accorded by the Chairman Senate on the revised syllabus of M.Tech. Thermal Engineering.**

Resolution : The Senate considered the recommendations of the Department of Mechanical Engineering on the revised syllabus of the M.Tech. [Thermal Engineering], a new specialization proposed to be started from the year 2014–15, and noted that the Senate has approved the proposal for starting the programme in its 23rd meeting held on 04.01.2008 with some suggestions to be incorporated in its syllabus. The Department informed that the suggestions given by the Senate have been incorporated in the revised syllabus and the Department proposes to start the programme from the year 2014 – 15. The Senate approved the revised syllabus of the M.Tech. [Thermal Engineering] programme with a proposal intake of 25 [20 stipendiary and 05 sponsored]. The Senate further resolved that a proposal regarding creation of faculty positions and stipendiary seats be putup before the Finance Committee /Board of Governors for approval.

Item No. 10.04 : **Any other matter with the permission of the Chairman, Senate.**

Resolution : The Senate considered the following matters with the permission of the Chairman, Senate.

(i) The Senate considered the recommendations of the SMPC made in its meeting held on 10.01.2014 on the request of two students of M.Tech. [Software Engineering], Mr. Shiv Pratap Singh Tomar [2011SW20] and Ms. Priti Singh [2011SW23], who have completed their IIIrd semester and have got jobs, for allowing them semester leave for previous two semesters and to register as full time students in their IV semester. The Senate noted that these students have been granted initial leave from their respective organization to complete the programme, and resolved
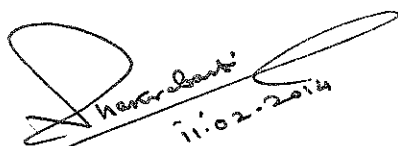
that these students may be allowed to register in the programme subject to the condition that the supervisor concerned shall ensure that the leave granted to these students is sufficient to complete the requirements of the programme.

(ii) The Senate considered the recommendations of the SMPC made in its meeting held on 10.01.2014 on the request of Mr. Santosh Kumar Srivastava [2010PTSW22], a part-time M.Tech. [Software Engineering] student to allow him to register in the even semester of the current academic session to clear his ACD for first semester subjects. The Senate noted that he has been allowed by the Senate for the same in its 43rd meeting held on 22.02.2013 vide resolution are 43.05[xiv], but he could not register due to lack of information. In view of above, the Senate resolved that Mr. Santosh Kumar Srivastava be allowed to register in the even semester of 2013 – 14 to clear his ACD for semester subjects.

The meeting concluded with the vote of thanks to the Chair.

Approved

(P. Chakrabarti)
Director/Chairman

(Sarvesh K. Tiwari)
Registrar/ Secretary

ANNEXURE – I

List of M.Tech. Students allowed for joint Industrial thesis

S.No.	Name of student	Reg. No.	Department	Institute Supervisor	Industry & Mentor	M. Tech. Thesis/Project Title	CPI & DMPC Recommendation
1.	Mr. Anwar S. N.	2012EE10	EED	Prof. Subhi Purwar	M/s General Electric/ Mr. Lalit Sankarani	Developing slandered controls and instrumentation blocks for subsea controls in Matlab to enable software validation	8.85/YES
2.	Ms. Shweta	2012EE13	EED	Prof. Dinesh Chandra	M/s General Electric/ Mr. A. N. Sumidha	Neural Network application is Economic Dispatch	8.93/YES
3.	Mr. Alok Rathore	2012IS09	CSED	Dr. Neeraj Tyagi	Samsung/ Mr. Prashant Kumar Agarwal	Performance Enhancement in IEEE 802.1 lac WLANs	8.23/YES
4.	Mr. Ankur Shukla	2012CS34	CSED	Dr. D.S. Kushwaha	Samsung/ Mr. Girish Kulkarni	Implementing Map Reduce for Parallel Data Processing	8.69/YES
5.	Mr. Amit Kumar Nathani	2012SW15	CSED	Prof. R.S. Yadav	Samsung/ Mr. Gaurav Kumar Saxena	Energy Efficient Load Balancing in WSN	8.23/YES
6.	Mr. Sunny Singh	2012SW11	CSED	Dr. D.S. Kushwaha	Samsung/ Mr. Vinod Kumar, Mr. Ramchandran Nair	High Availability for Databases	9.69/YES
7.	Ms. Shushma Vishkarma	2012CS25	CSED	Dr. A.K. Singh	Samsung/ Mr. Karthik Krishna	Temporal Based Recommender System	8.46/YES
8.	Ms. Himanki Jain	2012IS22	CSED	Prof. Suneeta Agarwal	Samsung/ Mr. Ajay Vijayavargiya	Edge Based Digital Image Steganography	9.38/YES
9.	Ms. Moni Chandel	2012IS07	CSED	Dr. Mayank Pandey	Samsung/ Mr. Govindaraju KS	Implementation of Peer to-Pee Cloud	8.69/YES
10.	Ms. Sugandha Srivastava	2012CS24	CSED	Mr. D.K. Yadav	Samsung/ Mr. Kiran Kumar	Efficient Tree Edit Distance Algorithms	8.9/YES
11.	Mr. Rajeev Kumar	2012SW17	CSED	Mr. Shashank Shrivastava	Samsung/ Mr. Girish Kulkarni	Resource Management in Cloud	8.46/YES
12.	Ms. Preeti Kumari	2012CS16	CSED	Prof. R.S. Yadav	American Express/ Mr. Lay Jam	Energy Efficient Routing Protocol in WSN	8.38/YES
13.	Mr. Gupta Nitin Laxmanbhai	2012SW26	ECED	Prof. Rajeev Tripathi	Apache Design Solutions, Noida/ Mr. Anant Narayan	Analysis of Jitter in circuit Distributed network	9.36/ YES
14.	Mr. Arpit Jain	2012VL12	ECED	Prof. Rajeev Tripathi	Apache Design Solutions, Noida/ Mr. Anant Narayan	Analysis of Jitter in circuit Distributed network	9.36/ YES
15.	Mr. Vivek Kumar Jaiswal	2012VL22	ECED	Dr. R. A. Mishra	Free scale Semiconductor Pvt. Ltd., Noida/ Mr. Ram Gupta	3D Analytical Modeling of Drain Current of 3 Get SOT MOSFETs	9.11/ YES
16.	Mr. Dravit Rana	2012VL13	ECED	Prof. Vijaya Bhadauria	Apache Design Solutions, Noida/ Mr. Anant Narayan	Linearity Enhancement of transduction	9.32/YES