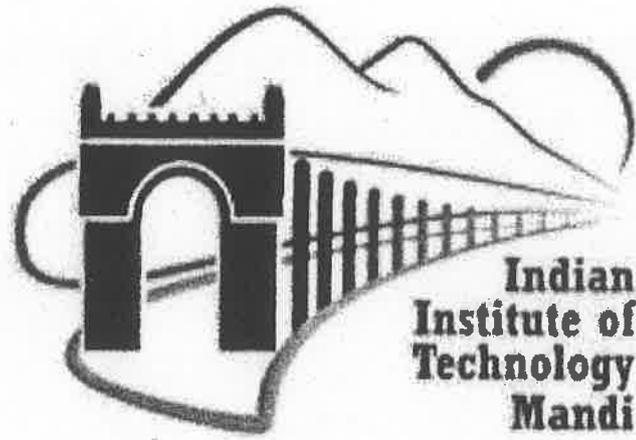


नवम सिनेट बैठक का कार्यवृत्त

MINUTES OF THE 9th SENATE MEETING OF
IIT MANDI

11th May, 2016



भारतीय प्रौद्योगिकी संस्थान मण्डी

कमांद- 175005, हिमाचल प्रदेश

Indian Institute of Technology Mandi

Kamand – 175005, Himachal Pradesh

**INDIAN INSTITUTE OF TECHNOLOGY MANDI
KAMAND, HIMACHAL PRADESH**



9TH SENATE MEETING OF IIT MANDI

11th May, 2016

Items

Item No.	Items	Page No.
9.1	To confirm the minutes of the 8 th Senate meeting held on 27 th October, 2015.	6
9.2	To receive a Report on the action taken to implement the decisions of the 8 th Senate meeting held on 27 th October, 2015.	6
9.3	To consider Introduction of new M. Tech. and M.Sc. Programmes.	6
9.4	To consider proposals for 'Minor'.	7
9.5	To consider Comprehensive examination guidelines for PhD Scholars.	7
9.6	Presentation of courses by the CPC Chair.	7
9.7	To consider seats for the Academic Year 2016-17.	8
9.8	Additional agenda items with the permission of the Chair.	8
9.9	To report decisions / action taken by the Chairman of the Senate on behalf of the Senate.	8

INDIAN INSTITUTE OF TECHNOLOGY MANDI

Minutes of the 9th Senate Meeting of IIT Mandi held on 11th May, 2016 at A1 NKN Room, Kamand Campus of IIT Mandi at Kamand.

The following members were present:

In the Chair

Prof. Timothy A. Gonsalves, Director, IIT Mandi

Members:

Prof. Arghya Taraphder, Professor, Dept. of Physics & Meteorology, IIT Kharagpur
Prof. Ramesh Druganti, Emeritus Professor, IIT Mandi
Prof. B.D. Chaudhary, Dean (Academics) & Emeritus Professor, SCEE, IIT Mandi
Dr. Bharat Singh Rajpurohit, Dean (Faculty) & Associate Professor, SCEE, IIT Mandi
Dr. Prem Felix Siril, Dean (SRIC) & Associate Professor, SBS, IIT Mandi
Dr. Suman Kalyan Pal, Dean (Students) & Associate Professor, SBS, IIT Mandi
Dr. Prasanth Jose, Chairperson, SBS, IIT Mandi
Dr. Anil Sao, Chairperson, SCEE, IIT Mandi
Dr. Rajeev Kumar, Chairperson, SE, IIT Mandi
Dr. Rajeshwari Dutt, Chairperson, SHSS, IIT Mandi
Dr. Subrata Ghosh, Associate Dean (Research) & Associate Prof., SBS, IIT Mandi
Dr. P. Parameswaran, Associate Dean (Courses) & Associate Prof., SBS, IIT Mandi
Dr. Samar Agnihotri, Associate Dean (SRIC) & AP, SCEE, IIT Mandi
Dr. Varun Dutt, Associate Dean (International Relations) & AP, SCEE & SHSS, IIT Mandi
Dr. Vishal Singh Chauhan, Associate Dean (F&A) & AP, SE, IIT Mandi
Dr. Tulika P. Srivastava, Associate Dean (Recruitment) & AP, SBS, IIT Mandi
Dr. Aniruddha Chakraborty, Associate Professor, SBS, IIT Mandi
Dr. Shail Shankar, Assistant Professor, SHSS, IIT Mandi
Dr. Bindu Radhamany, Assistant Professor, SBS, IIT Mandi
Mr. C. Thirumurgan, Student Research Affairs Secretary, IIT Mandi
Mr. Vivek Sharma, Student General Secretary, IIT Mandi
Mr. Tushar Gupta, Student Academic Affairs Secretary, IIT Mandi
Shri Mohammad Shakeel, Registrar & Secretary, IIT Mandi

Following Senate member attended the meeting through video conferencing:

Prof. Subrata Ray, In-charge Dean (I&S) and Distinguished Visiting Professor, SE, IIT Mandi

Following senate members could not attend the meeting:

Prof. S.R. Kale, Professor Mechanical Engg. Deptt., IIT Delhi
Prof. Shormishtha Panja, HoD English, University of Delhi
Prof. B.K. Mishra, Department of Mechanical & Industrial Engg. IIT Roorkee

Prof. D.K. Mehra, Emeritus Professor, IIT Roorkee
Prof. Hema Murthy, Prof. Deptt of Computer Science & Engg., IIT Madras
Prof. Deepak Khemani, Deptt. of CSE, IIT Madras
Prof. Anil Prabhakar, Professor, Deptt. of Electrical Engg., IIT Madras
Dr. N.S. Narayanaswamy, Associate Prof., Deptt. of CSE, IIT Madras
Prof. Babu Vishwanathan, Professor, IIT Madras
Prof. S.B. Krupanidhi, Professor, Material Research Centre, IISc Bangalore
Prof. Milind A. Sohoni, Professor, IIT Bombay
Prof. S.N. Singh, Professor, Deptt of Electrical Engg., IIT Kanpur
Prof. Arghya Taraphder, Professor, Physics & Meteorology, IIT Kharagpur
Prof. Rafikul Alam, Dept. of Mathematics, IIT Guwahati
Prof. Arindama Singh, Dept. of Mathematics, IIT Madras
Prof. P. K. Kapoor, Dept. of Operations Research, University of Delhi
Prof. A. D. Gupta, Dept. of Mechanical Engg. IIT Delhi
Prof. P. Vellaisamy, Dept. of Mathematics, IIT Bombay
Prof. Rahul Roy, Unit of Mathematics, ISI Delhi
Prof. Dharendra Bahuguna, Dept. of Mathematics & Statistics, IIT Kanpur
Prof. T. Raja Sekhar, Dept. of Mathematics, IIT Kharagpur
Prof. Anant R. Shastri, Dept. of Mathematics, IIT Bombay
Prof. R. K. Sharma, Dept. of Mathematics, IIT Delhi
Prof. Thamban Nair M, Dept. of Mathematics, IIT Madras
Prof. P. Veeramani, Dept. of Mathematics, IIT Madras
Prof. B. Subramanian, Visiting Professor, SHSS, IIT Mandi
Prof. Lalit Malhotra, Dean (F&A) & Visiting Professor, SBS, IIT Mandi

In addition, the Senate meeting was also attended by the following faculty members of IIT Mandi:-

Dr. Sriram Kailasam, Assistant Professor, SCEE
Dr. P. Anil Kishan, Assistant Professor, SE
Dr. Mohammad Talha, Assistant Professor, SE
Dr. Surya Prakash Upadhyay, Assistant Professor, SHSS
Dr. Jaspreet Kaur, Assistant Professor, SE
Dr. Ramna Thakur, Assistant Professor, SHSS
Dr. Suman Sigroha, Assistant Professor, SHSS
Dr. Dileep A. D., Assistant Professor, SCEE
Prof. Bhavender Paul, Adjunct Professor, SHSS
Dr. Tripti Singh, Teaching Fellow, SHSS
Dr. Varsha Jain, Teaching Fellow, SCEE
Dr. Astrid Kiehn, Visiting Associate Professor, SCEE
Dr. Devika Sethi, Assistant Professor, SHSS
Dr. Puran Singh, Assistant Professor, SHSS
Dr. Chayan Kanti Nandi, Associate Professor, SBS
Dr. Shyamasree Dasgupta, Assistant Professor, SHSS
Dr. Shubhajit Roy Chowdhury, Assistant Professor, SCEE
Dr. Shyam Kumar Masakpalli, Assistant Professor, SBS



Dr. Satinder Sharma, Assistant Professor, SCEE
Dr. Manoj Thakur, Assistant Professor, SBS
Dr. Satvasheel Ramesh Powar, Assistant Professor, SE
Dr. Muslim Malik, Assistant Professor, SBS
Dr. Rajendra Kumar Ray, Assistant Professor, SBS
Dr. Dhiraj V. Patil, Assistant Professor, SE
Dr. Satyajit Thakor, Assistant Professor, SCEE
Dr. Subashish Datta, Assistant Professor, SCEE
Dr. Sudhir Kumar Pandey, Visiting Assistant Professor, SE
Dr. C. S. Yadav, Assistant Professor, SBS
Dr. Pradeep Kumar, Assistant Professor, SBS
Dr. Hari Varma, Assistant Professor, SBS
Shri Vivek Tiwari, Assistant Registrar (Academics)

Following faculty members attended the meeting through video conferencing/NKN:

Dr. Amit Prasad, Assistant Professor, SBS
Dr. Aditi Halder, Assistant Professor, SBS
Dr. Amit Jaiswal, Assistant Professor, SBS
Dr. Maben Rabi, Assistant Professor, SCEE
Dr. Tushar Jain, Assistant Professor, SCEE
Dr. Prosenjit Mondal, Assistant Professor, SBS
Dr. Kunal Ghosh, Assistant Professor, SCEE
Dr. Vishwanath Balakrishnan, Assistant Professor, SE

The Chairman Senate extended a warm welcome to all the Senate members and faculty for attending the 9th Senate meeting. He welcomed Dr. Chayan Kanti Nandi, new Chair (CPC) and placed on record the appreciable services rendered by Dr. Bharat Singh Rajpurohit outgoing Chair (CPC). He also welcomed the new faculty members who joined IIT Mandi after the last Senate meeting.

The Chairman informed the Senate that Mr. Athar Aamir Khan, an IIT Mandi alumnus, has secured 2nd position in UPSC Civil Services Examination this year. Last year also, one student of IIT Mandi has topped GATE (EE) Exam. He told the Senate that we have already proved ourselves best in the Country, now we have to see how to become best in the world. Currently, the Institute is having student faculty ratio of 9:1 which is very ideal. He expressed concerns that some of our students are not well connected with faculty and do not even know their names. The communication ability of students (in English or even in vernacular language) is not good which needs to be taken care of. There is a need of serious induction programme to be organized to motivate the students. Likewise, measures are needed to improve the motivation for excellence in academics among final year B.Tech students.

Then the agenda points were taken up.



Item No. 9.1: To confirm the minutes of the 8th Senate meeting held on 28th October, 2015.

The Senate confirmed the minutes of its 8th meeting held on 28th October, 2015.

Item No. 9.2: To receive a Report on the action taken to implement the decisions of the 8th Senate meeting held on 28th October, 2015.

The Senate noted the action taken report on implementation of decisions taken in its 8th Senate meeting held on 28th October, 2015.

Item No. 9.3: To consider introduction of new M.Tech. and M.Sc. Programmes.

The Senate considered the following proposals:

(a) New M. Tech. Programmes:

- (i) M. Tech. in Biotechnology
- (ii) M. Tech. in Electrical Engineering with Specialisation in VLSI
- (iii) M. Tech. in Energy Engineering with specialization in Materials
- (iv) M.Tech in Energy Engineering with Specialisation in Mechanical Design

(b) New M.Sc. programme:

- (i) M.Sc. in Applied Mathematics:

(c) Change in the name of 'M. Tech. in Energy Materials' to 'M.Tech. in Energy Engineering with specialization in Materials'

(d) Modified curriculum of M.Sc. (Chemistry) Programme (*taken as an item from Action Taken Report (B.4)*):

The Senate approved the following new M. Tech. & M.Sc. programmes from the Academic Year 2016-17 after incorporating suggested changes with intake of 12 students in each programme.

- M. Tech. in Biotechnology.
- M. Tech. in Electrical Engineering with Specialisation in VLSI.
- M. Tech. in Energy Engineering with specialization in Materials.
- M. Sc. in Applied Mathematics.

The Senate also approved the modified curriculum of M.Sc. (Chemistry) and change in the name of 'M. Tech. in Energy Materials' to 'M. Tech. in Energy Engineering with specialization in Materials' with retrospective effect from Academic Year 2014-15.

Item No. 9.4: To consider proposals for 'Minor':

The Senate considered the proposals for (i) Minor in Management, (ii) Minor in Product Design and Development and (iii) Modifications in the course basket for Minor in Physics.

The Senate approved Minor in Management. The Senate also approved in principle the proposed modifications in the course basket for Minor in Physics by including certain I-PhD courses, once those courses are approved by Senate.

Item No. 9.5: To consider Comprehensive Examination guidelines for Ph.D. & I-Ph.D. scholars:

The Senate approved the suggested guidelines with following modifications:

- **In composition of CEC:** The CEC must include one faculty member from other School, nominated by the Chairperson of the School, may include DC members and/or internal or external experts.
- **For written examinations:**
The Topics, syllabus, and question paper may be divided in 'two' parts to address heterogeneous research interests of scholars.
- **For Viva examinations**
The syllabus of Viva examination may be in the similar areas as that of written examination. An expert may be called during Viva examination.

Item No. 9.6: Presentation by the Course Proposal Committee (CPC) Chair

The Senate considered the recommendation of the CPC and approved the courses recommended by it except the courses related to I-PhD Physics program. For I-PhD physics courses, the Senate suggested to review the curriculum and courses as per the suggestions given in the Senate.

Further, the Senate advised that courses need not be sent for external review when the Course Interest Group (CIG) of the programme recommends that there is sufficient independent internal expertise available to review the course.

Item No. 9.7: To consider seats for the Academic Year 2016-17.

The Senate approved the recommendations of the Board of Academics (BoA) regarding intake for the Academic Year 2016-17:

Programme	Existing	Proposed
B. Tech. (Civil Engg.)	25	30
B. Tech. (CSE, EE, ME)	40 each	No change
M. Sc. (Chemistry)	20	30
M. Tech. (Energy Engineering (Materials))	12	No change
I-Ph.D. (Physics)	12	No change
M.Sc. (Mathematics)	New Programme	12
M. Tech. (Bio Technology)	New Programme	12
M. Tech. (Electrical Engineering - VLSI)	New Programme	12
M.S. (by Research) Ph.D. programme	As per the institute norms on faculty cap and requirements	

Item No. 9.8: Additional agenda item with the permission of the Chair

(i) Distribution of 160 credits across all eight semesters:

The Senate considered the recommendations regarding guidelines for distribution of 160 credits across all eight semesters, their implementation and related issue of one semester internship and its evaluation.

The Senate decided to defer the decision on the proposal.

(ii) Extended Induction Programme for B.Tech. students:

The Senate was apprised about the proposal for Extended Induction Programme for B.Tech. students.

The Senate appreciated and concurred with this initiative.

(iii) The student's representatives in the Senate raised the issue regarding pre-ponement of the semester.

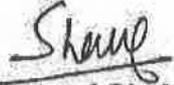
The Chairman, Senate assured to look into the issue.

Item No. 9.9: To report decisions / action taken by the Chairman, Senate

The Senate noted the decisions taken by the Chairman, Senate on behalf of the Senate.



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



Mohammad Shakeel
Secretary, Senate



Chairman, Senate