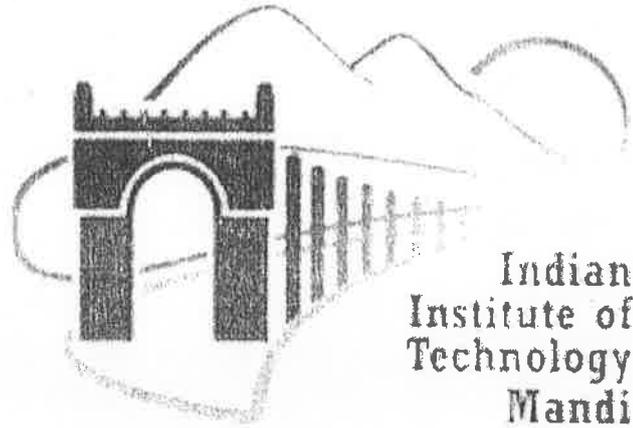प्रथम तदर्थ सिनेट बैठक का कार्यवृत्त

MINUTES OF THE FIRST MEETING OF THE ADHOC SENATE OF IIT MANDI

2nd April, 2011

Indian
Institute of
Technology
Mandi

भारतीय प्रौद्योगिकी संस्थान मण्डी
मण्डी – 175001 (हिमाचल प्रदेश)

Indian Institute of Technology Mandi
Mandi – 175001 (Himachal Pradesh)

INDIAN INSTITUTE OF TECHNOLOGY MANDI
MANDI (HIMACHAL PRADESH)

Indian
Institute of
Technology
Mandi

1ST ADHOC SENATE MEETING OF IIT MANDI

2nd April, 2011

AGENDA

Item No.	Agenda points
1.	Director's Presentation
2	Revised Vision and Mission Statements.
3	Winter Vacation
4	Branch change rules
5	Discipline rules and code of conduct
6	Grading Pattern – Adoption credits for 2009 batch
7	New elective courses
8	Internet hours in the hostels
9	Early induction of Masters students from other Universities into Ph.D.
10	Curriculum structure of B.Tech.
11	CSE Curriculum
12	EE Curriculum
13	ME Curriculum
14	Senate nominees to BOG
15	Discussion on Road map

INDIAN INSTITUTE OF TECHNOLOGY MANDI

Minutes of the 1ST Adhoc Senate Meeting of the Institution of IIT Mandi held on 02nd of April, 2011 at Academic Block

The following were present:

In the Chair
Prof. Timothy A. Gonsalves, Director, IIT Mandi

Members
Prof. P.C. Deshmukh, IIT Mandi
Prof. Deepak Khemani, Dean (Students) IIT Mandi
Prof. B. K. Mishra, Dean (Planning) IIT Mandi
Prof. B. N. Banerjee, Dean (Academics) IIT Mandi
Prof. Lalit Malhotra, Visiting Professor IIT Mandi
Prof. Sunil Kale, ME, IIT-Delhi
Prof. Subrata Ray, MM, IIT-Roorkee
Prof. Shormishtha Panja, English, Delhi University
Prof. Mala Nath, Chy, IIT-Roorkee
Dr. Nitin Chandrachoodan, EE, IIT-Madras
Dr. Anil Kumar Sao, Asst Professor, IIT Mandi
Dr. Vishal Singh Chauhan, Asst Professor, IIT Mandi
Dr. Prem Felix Siril, Asst Professor, IIT Mandi
Mr. Yugdeep Bangur, Student General Secretary
Mr. Manish Shankaram, Stud Academic Affairs Secry
Ms. Reena Singh, Student Research Affairs Secry
Dr. R.C.Sawhney, Registrar, IIT Mandi, Member Secretary

The following members attended the meeting through video conference:

Dr. N.S. Narayanaswamy, CSE, IIT-Madras
Dr. Shankar Balachander, CSE, IIT-Madras
Prof. D.K. Mehra, E&C, IIT-Roorkee
Prof. S. Vasudevan, Chy, IISc
Prof. S. Sundar, MA, IIT-Madras
Dr. K. Srilata, HSS, IIT-Madras
Dr. A. Thillai Rajan, Management Studies, IIT-Madras
Prof. Babu Viswanathan, ME, IIT-Madras

Following members could not attend the meeting.

Prof. Manoj Mishra, E&C, IIT-Roorkee
Prof. Hari Balakrishnan, CS, MIT (US)
Prof. S.P. Gupta, EE, IIT-Roorkee
Prof. Kalyanmoy Deb, ME, IIT-Kanpur
Prof. Tashi Nautiyal, Phy, IIT-Roorkee
Dr. Aalok Mishra, Phy, IIT-Roorkee
Dr. P.P. Thankachan, Chy, IIT-Roorkee
Prof. Amalendu Chandra, Chy, IIT Kanpur
Prof. R.C. Mittal, MA, IIT-Roorkee
Prof. Nauriyal, HSS, IIT-Roorkee
Prof. Anil Prabhakar, EE, IIT-Madras
Dr. Shweta Rao, Asst Professor, IIT Mandi

The Chairman welcomed all the members who were present in person and also those who were participating through video conferencing to the Senate Meeting being held for the first time at IIT Mandi. He also welcomed all other faculty and staff members who were present in the hall as visitors. He then requested all the members to briefly introduce themselves. The members from IIT Madras, IIT Roorkee and IISC Bangalore also introduced themselves. After the welcome address, the Chairman expressed his gratitude to the outgoing Dean Academics Prof. P. C. Deshmukh for his valuable support to the institute for building up research and academic activities in the early days of IIT Mandi. He also extended a warm welcome to Dr. B. N. Bannerjee who is taking over as Dean Academics and hoped that the academic activities would flourish under his leadership.

Then the Agenda items were taken up:

Item No. 1:   **Director's Presentation**

The Director in his presentation shared with the members the roadmap of the Institute for the next twenty years and stressed the need of strengthening interdisciplinary Academics activities. He also requested the Senate members to consider enhancement of MS/PHD activities over undergraduate activities He also requested the members to consider the possibility of liasioning with other universities to induct good students in pre-final year for doctoral training of IIT Mandi. He also shared with the Senate members the Kamand Campus roadmap and expected that Phase -1 construction will be completed by 2013-14.

Item No. 2:   **Revised Vision and Mission Statements.**

As per directives of BoG the draft vision and mission statements were discussed. After deliberation, the vision and mission statements were finalized as under:

<u>**VISION**</u>

To be a leader in science and technology education, knowledge creation and innovation, in an India marching towards a just, inclusive and sustainable society.

<u>**MISSION**</u>

1) To create knowledge through team effort and individually for the benefit of the society.
2) To impart education to produce professionals capable of leading efforts towards innovative products and processes for the development of the Himalayan region in particular and our country and humanity, in general.
3) To inculcate a spirit of entrepreneurship and to impart the ability to devise globally recognized solutions for problems of society and industry, particularly in the fragile eco-system of the Himalayas.
4) To train teachers capable of inspiring the next generation of engineers, scientists and researchers.
5) To work intensely with industry in pursuit of the above goals of education and research, leading to the development of cutting edge and commercially-viable technologies.
6) To operate in an ambience marked by overriding respect for ability and merit.

Item No. 3: **Winter Vacations**

In view of long and severe winters at Mandi, the Senate decided that winter vacations should be extended to the end of January. Dean (Academics) has been requested to workout the exact schedule.

Item No. 4: **Branch change rules**

After discussion, the final guidelines on branch change rules were finalized which is attached as Annexure-A. These will be implemented w.e.f 2010-11 batch without prejudice to any students admitted in 2010.

Item No.5: **Discipline rules and code of conduct.**

Dr. Prem Felix, Chairman SWC made a presentation on the discipline rules and code of conduct as were finalized by the Student Welfare Committee. The members discussed the code of conduct as proposed and desired that separate code of conduct be framed for general as well as academic matters. Dean (Students) may take up this matter taking into consideration the suggestions of all the members.

Item No. 6: **Grading Pattern – Adoption**

‒ **Handling of IITR credits for 2009 batch.**

Dr. Vishal Singh Chauhan, Convener Grading Review Committee presented a draft grading system to be followed at IIT Mandi and also the handling of the 2009 batch of IIT Mandi as prepared by the grading system review committee. The members discussed the proposed adoption of grading pattern in detail Of the several alternatives, it was decided that a six pass grade system be followed at IIT Mandi i.e.O-10, A-9, B-8, C-7, D-6, E-4 with F-0 (Fail). It was also decided that in case a student does not complete a course after the drop deadline the cases are to be handled as follows:-

(i) Registration may be cancelled by Dean (Academics) for well justified reasons such as prolonged illness.

(ii) Shortfall of attendance:- The student will not be permitted to write the final exam and will earn an 'F' grade

(iii) The instructor may allow a student extra time to complete some requirement such as an assignment or make up quizzes/exams. A grade of 'I' (incomplete) will be reported to be replaced by the earned grade after the requirements are completed.
This will be implemented w.e.f. current semester.

It was decided that the students who had studied in IIT Roorkee during 2009-10 will get full credit for academic courses completed there. Their total minimum credit for the B-tech will be correspondingly increased by the excess of the

credits in 2009-10 over those required in the 1st year in the curriculum to be approved for IIT Mandi.

Item No. 7:   **New elective courses**

It was decided to start two courses with a generic number for offering advanced /selected topics in various disciplines. The credits for both the courses may 1,2,3 or 4 depending on the number of contact hours.

(i)   **XX 799 Advanced Topics in   YYY:-** XX will represent the discipline code like EE, ME etc. while YYY will represent the specific advanced topics on cutting edge areas as and when the areas emerge like Cognitive Radio, Smart Structures etc. Example: PH799 Advanced Topics in Meta Materials.

(ii)   **XX 599 Selected Topics in YYY:-** XX will represent the discipline code like EE, ME etc. while YYY will represent the specific selected topic. These courses will be on special topics which can impart technical and scientific knowledge to our students. Some sample topics could be: Memristor, Graphine & its Applications etc.

Example:- EE599 Selected Topics in Power Systems.

Some new elective courses which were proposed by faculty members and approved by the respective Head of Schools are as follows. The proposals for the courses will be circulated by E-mail to the members for their comments.

(i)   CY 701-Advanced Physical Methods in Chemistry, Theory and Applications by Dr. Chayan K.Nandi.

(ii)   CY 702- Advanced Inorganic Chemistry: Theory   and Applications by Chemistry Faculty.

(iii)   PH 705- Foundations in Experimental Physics by Dr. Bindu Radhamany & Dr. Suman K.Pal.

(iv)   CY 703- Advanced Organic Chemistry by Dr. P.C. Ravi kumar

(v)   CY 243- Engineering Chemistry by Dr. Subrata Ghosh.

(vi)   MA 102- Mathematics II by Dr. Syed Abbas and Dr. Manoj Thakur.

(vii)   MA 601-Real and Functional Analysis by Dr. Syed Abbas and Dr. Manoj Thakur.

(viii)   MA 644- Dynamical System by Dr. Nitu Kumari.

(ix)

Item No. 8:   **Internet hours in the hostels.**

After discussion of pros and cons, it was decided to restrict the availability of Internet in the hostels during late nights to enable students to pay better attention.

Item No.9:	Early induction of B.tech / Masters students from other Universities into MS /Ph.D.

Agreed in principle. Detailed rules and regulations to be formulated by Dean (Academics).

Item No. 10:	Curriculum structure of B.Tech

A Committee (Annex-B) has been constituted to look into this matter.

Item No. 11:	CSE Curriculum

Head (SCEE) to constitute a Committee to finalize it.

Item No. 12:	EE Curriculum

Head (SCEE) to constitute a Committee to finalize it.

Item No. 13:	ME Curriculum

Head (SE) to constitute a Committee to finalize it.

Item No. 14:	Senate nominees to BoG

As regards the Senate nominees to BoG, the Senate members decided unanimously that the following members may be recommended as Senate nominees of the IIT Mandi BoG.

1. Prof. Subrata Ray, IIT Roorkee
2. Prof. Sunil Kale, IIT Delhi

Both these members have excellent records of Academic Research, teaching and service, including holding Deanship. Both are active in mentoring IIT Mandi.

Item No.15:	Discussion on Road map

General discussion was held and suggestions invited.

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

Approved

Chairman, Senate

(Dr. R.C Sawhney)
Secretary, Senate