सोलहवीं सिनेट बैठक का कार्यवृत्त

MINUTES OF THE 16th SENATE MEETING OF IIT MANDI

26th April, 2018

Indian
Institute of
Technology
Mandi

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

16th SENATE MEETING OF IIT MANDI

26th April, 2018

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INDIAN INSTITUTE OF TECHNOLOGY MANDI

Minutes of the 16th Senate Meeting of IIT Mandi held on 26th April, 2018 In A1 NKN Room, Kamand Campus of IIT Mandi at Kamand.

The following members were present:

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Prof. Timothy A. Gonsalves, Director, IIT Mandi

Members:

Prof. B. D. Chaudhary, Dean (Faculty) & Emeritus Professor, SCEE, IIT Mandi
Prof. Ramesh Oruganti, Emeritus Professor, SCEE, IIT Mandi
Prof. Deepak Khemani, Professor (on deputation), SCEE, IIT Mandi
Prof. N. Sathyamurthy, Former Director, IISER Mohali (Attended the meeting through NKN)
Prof. Rowena Robinson, Dept. of HSS, IIT Bombay (Attended the meeting through NKN)
Dr. Subrata Ghosh, Dean (I&S), IIT Mandi
Dr. Prem Felix Siril, Dean (SRIC), IIT Mandi
Dr. Pradeep Parameswaran, Dean (Academics) & Associate Dean (Course), IIT Mandi
Dr. Suman Kalyan Pal, Dean (Students), IIT Mandi
Dr. Vishal Singh Chauhan, Dean(F&A) I/c /Associate Dean(F&A), IIT Mandi
Dr. Rajeev Kumar, Chairperson, SE, IIT Mandl
Dr. Syed Abbas, Chairperson, SBS, IIT Mandi
Dr. Rajeshwari Dutt, Chairperson, SHSS, IIT Mandl
Dr. Venkata Krishnan, Associate Dean (Research), IIT Mandi
Dr. Varun Dutt, Associate Dean (International Relations), IIT Mandi
Dr. Samar Agnihotri, Associate Dean(SRIC), IIT Mandi
Dr. Astrid Kiehn, Chair, Library Advisory Committee (LAC), IIT Mandi
Dr. C. S. Yadev, Chief Warden, IIT Mandi
Dr. Satinder K. Sharma, Co-ordinator , C4FED, IIT Mandi
Dr. Rajendra Kumar Ray, SAP Chair, IIT Mandi
Dr. Dileep A. D., CIG- CSE, IIT Mandi
Dr. Arpan Gupta, CIG- ME, IIT Mandi
Dr. Deepak Swami, CIG- CE, IIT Mandi
Dr. Kaustav Sarkar, Assistant Professor, SE, IIT Mandi
Dr. Devika Sethi, Assistant Professor, SHSS, IIT Mandi
Dr. Suman Sigroha, Assistant Professor, SHSS, IIT Mandi
Mr. Abhishek, Student Academic Affairs Secretary, IIT Mandi
Dr. Vishal Singh Chauhan, Registrar I/c & Secretary, Senate, IIT Mandi

Speciel Invitees:
Dr. Atul Dhar, Coordinator CIG – M.Tech. (Energy Engineering), IIT Mandi

Following Senate members/Spacial Invitees could not attend the meeting due to prior commitments:

Prof. Kenneth E. Gonsalves, Distinguished Visiting Professor, SBS, IIT Mandi
Prof. Subrata Ray, Distinguished Visiting Professor, SE, IIT Mandi
Prof. Bhavander Paul Sharma, Adjunct Professor, SHSS, IIT Mandi
Prof. Sunil R. Kale, Professor, Department of Mechanical Engineering, IIT Delhi
Dr. Bharat Singh Rajpurohit, Chairperson, SCEE, IIT Mandi
Dr. Viswanath Balakrishnan, Coordinator, AMRC & Asstt. Professor, SE, IIT Mandi
Dr. Tulika P. Srivastava, Co-ordinator, BioX & Associate Dean(Recruitment), IIT Mandi
Mr. Naresh Singh Bhandari, Deputy Librarian, IIT Mandi (in absence of Librarian)
Dr. Rahul Vaish, Associate Professor, SE, IIT Mandi
Dr. Manoj Thakur, Assistant Professor, SBS, IIT Mandi
Dr. Shyam Kumar Masakapalli, Assistant Professor, SBS, IIT Mandi
* Ms. Manushree, Student Research Affairs Secretary, IIT Mandi
* Mr. Rakhde Anurag Keshav, Student General Secretary, IIT Mandi
Dr. Chayan Kanti Nandi, Chair CPC, IIT Mandi
Dr. A. K. Sao, Coordinator CIG- M.Tech. Comm. & Signal Processing, IIT Mandi
Dr. Hari Verma, Coordinator CIG-I-PhD (Physics), IIT Mandi
Dr. Aniruddha Chakraborty, Coordinator CIG-M.Sc. (Chemistry), IIT Mandi
Dr. Jaspreet Kaur Randhawa, Coordinator CIG- M.Tech. (Energy Materials), IIT Mandi
Shri Parminder Jit Singh Gill, In-charge Assistant Registrar (Academics)

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

Dr. Hiteshbhai Kantilal Shrimali, Assistant Professor, SCEE
Dr. Surya Prakash Upadhyay, Assistant Professor, SHSS
Dr. Sandeep Kumar Saha, Assistant Professor, SE
Dr. Maheshreddy Gade, Assistant Professor, SE
Dr. Rajneesh Sharma, Assistant Professor, SE
Dr. Muslim Malik, Assistant Professor, SBS
Dr. Shubhjit Roy Chowdhury, Assistant Professor, SCEE
Dr. Subashish Datta, Assistant Professor, SCEE
Dr. Shyamasree Dasgupta, Assistant Professor, SHSS
Dr. Pradeep Kumar, Assistant Professor, SE
Dr. Shail Shankar, Assistant Professor, SHSS
Dr. Subhamoy Sen, Assistant Professor, SE
Dr. Rajanish Giri, Assistant Professor, SBS

The Chairman Senate extended a warm welcome to all the Senate members and Special Invitees for attending the 16th Senate meeting of the Institute with special thanks to Prof. Rowena Robinson, Department of Humanities and Social Sciences, IIT Bombay and Prof. N. Sathyamurthy, Former Director, IISER Mohali, member of the Senate for sparing their time in a very busy schedule.

Then the agenda items were taken up.

Item No. 16.1: To confirm the minutes of the 15th Senate meeting held on 19th February, 2018.

The Senate confirmed the minutes of its 15th meeting held on 19th February, 2018.

Item No. 16.2: To receive a Report on the actions taken to implement the decisions of the 15th Senate meeting held on 19th February, 2018.

The Senate noted the action taken on implementation of decisions taken in its 15th meeting held on 19th February, 2018.

Item No. 16.3: To consider the approval for courses recommended by the Course Proposal Committee (CPC) end Board of Academics (BoA) of the Institute.

The Board of Academics, in its 23rd and 24th meetings held on 10th April 2018 and 19th April 2018 respectively, recommended the following sixteen courses for consideration by the Senate for its approval. The Chairperson, CPC presented these course proposals for the approval of the Senate.

The Senate considered/deliberated the recommended proposals and approved fifteen courses with some minor corrections in some courses. The details of the finally approved courses are given below.

Sl. No.	Course No.	Course Name	Credits	Proposed by	School
1	CE 252	Geology and Geomorphology	2-0-2-3	Dr. Dericks P. Shukla	SE
2	CE 555	Advanced Design of Structures	3-0-0-3	Dr. Sandip Kumar Saha	SE
3	CE 556P	Structural Engineering Laboratory	0-0-4-2	Dr. Sandip Kumar Saha, Dr. Subhamoy Sen and Dr. Kaustav Sarkar	SE
7	CE 557	Solid Mechanics in Structural Engineering	3-0-0-3	Dr. Maheshreddy Gade and Dr. Rajneesh Sharma	SE
5	CS 544	Formal Concept Analysis: Theory and Practice	3-0-0-3	Dr. Sriram Kailasam	SCEE
6	HS 525	History of Development Thought	3-0-0-3	Dr. Shyamasree Dasgupta and Dr. Rajeshwari Dutt	SHSS
7	HS 526	Human Geography: A Western Himalayan Perspective	3-0-0-3	Dr. Devika Sethi and Dr. Ramna Thakur	SHSS
8	HS 527	Indian Social Structure and Development	3-0-0-3	Dr. Surya Prakash Upadhyay	SHSS

9	HS 528	Information Technology and Development	3-0-0-3	Dr. Varun Dutt and Dr. Shubhajit Roy Chowdhury	SHSS
10	HS 529	Natural Resource and Development	3-0-0-3	Dr. Atul Dhar, Dr. Shyam Masakpalli and Dr. Satvasheel Powar	SE, SBS, SCEE
11	CS 523	Verification of Reactive Systems	3-0-0-3	Dr. Astrid Kiehn	SCEE
12	HS 530	Planning, Welfare and Development	3-0-0-3	Dr. Surya Prakash Upadhyay and Dr. Manu Devadevan	SHSS
13	HS 532	Sustainable Development and Environmental Protection	3-0-0-3	Dr. Shyamasree Dasgupta	SHSS
14	HS 533	Urban Development	3-0-0-3	Dr. Surya Prakash and Dr. Manu Devadevan	SHSS
15	HS 534	Economics of Climate Change	3-0-0-3	Dr. Shyamasree Dasgupta	SHSS

The final/modified courses descriptions details are enclosed as **Annexure – A; Page No. 6 to 45.**

Further, the Senate deliberated and decided to drop the proposal for the course ME-512 (Advanced Engineering Mathematics). It was noted that the proposed course contents are very similar to the contents of the basic mathematics courses being offered as part of the B.Tech. programme of IIT Mandi and other similar institutes. In this regard, some senate members pointed out that many of our M.Tech students are weak in fundamentals of mathematics and such a course would be really helpful for them. They also pointed out that some IITs offer such a course for their M.Tech students. Considering all these points, Senate decided that the course in its current form cannot be accepted for M.Tech program. The course content should be checked for similarity with the contents of the B.Tech. mathematics courses and there should be substantial difference in terms of the contents (more than 50%) if the proposer wish to resubmit the proposal through proper channel.

Taking a view on the students who are weak in mathematics, the Senate suggested that remedial courses may be offered for such students, but those courses cannot be counted for CGPA calculations.

Item No. 16.4: **To consider a proposal for M. Tech. in Structural Engineering.**

On the recommendations of the Board of Academics, the Senate considered the proposal for a new program 'M. Tech. in Structural Engineering'. After deliberations, the Senate approved the new programme proposal with a few suggested modifications to start the program from the Academic year 2018-19.

The revised version of the proposal incorporating the suggested changes is enclosed as **Annexure - B; Page No. 46 to 57.**

Item No. 16.5: To consider a proposal for M. Tech. in VLSI.

On the recommendations of the Board of Academics, the Senate considered the proposal for a new program 'M. Tech. in VLSI'. After deliberations, the Senate approved the new programme proposal after modifications to start the program from the Academic year 2018-19.

The revised version of the proposal incorporating the suggested changes is enclosed as **Annexure – C; Page No. 58 to 61.**

Item No. 16.6: To consider a proposal for **Mester's programme in Development Studies to commence in August, 2016.**

On the recommendations of the Board of Academics, the Senate considered the proposal for a new program 'M. A. in Development Studies'. After deliberations, the Senate approved the new programme proposal after modifications to start the program from the Academic year 2018-19.

The revised version of the proposal incorporating the suggested changes is enclosed as **Annexure – D; Page No. 62 to 76.**

Item No. 16.7: To consider a policy for uploading M.S./Ph.D. dissertations into the Institute Repository.

This item was deferred for consideration in subsequent Senate meeting.

Item No. 16.8: Additional agenda items with the permission of the Chairman, Senate.

None.

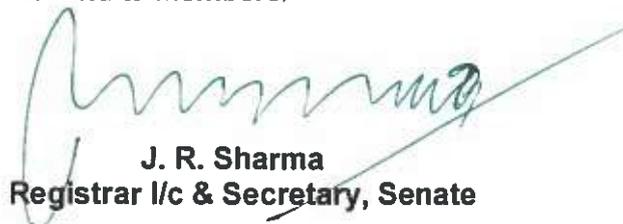**Item No. 16.9:** To report decisions / action taken by the Cheirman of the Senate on behalf of the Senate.

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

The seat matrix for B.Tech admissions for the academic year 2018 -19 is enclosed as **Annexure – E; Page No. 77.**

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

J. R. Sharma
Registrar I/c & Secretary, Senate

Chairman, Senate