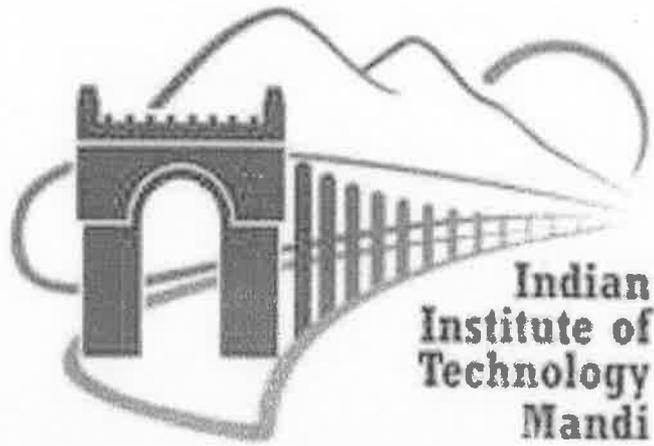


पंचम सिनेट बैठक का कार्यवृत्त

**MINUTES OF THE FIFTH SENATE MEETING OF  
IIT MANDI**

**15<sup>th</sup> OCTOBER, 2013**



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**



**5<sup>TH</sup> SENATE MEETING OF IIT MANDI**

**15<sup>TH</sup> OCTOBER, 2013**

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## INDIAN INSTITUTE OF TECHNOLOGY MANDI

### Minutes of the 5<sup>th</sup> Senate Meeting of IIT Mandi held on 15<sup>th</sup> October, 2013 at Kamand campus

The following members were present:

#### In the Chair

Prof. Timothy A. Gonsalves, Director, IIT Mandi

#### Members:

Prof. Subrata Ray, Distinguished Visiting Professor, SE, IIT Mandi

Prof. B. Subramanian, Dean Students, SHSS, IIT Mandi

Prof. Lalit Malhotra, Dean SRIC and Dean F & A, SBS, IIT Mandi

Prof. Hema Murthy, Professor, CSE, IIT Madras

Prof. Anand Srivastava, Dean I & S, SCEE, IIT Mandi

Prof. Ramesh Oruganti, Dean Academics, SCEE, IIT Mandi

Prof. N. S. Narayanswamy, CSE, IIT Madras

Prof. Shripad P. Mahulikar, SE, IIT Mandi

Dr. Arti Kashyap, Associate Professor, SCEE & SBS, IIT Mandi

Dr. Sukumar Battacharya, Associate Professor, SCEE, IIT Mandi

Dr. Aniruddha Chakraborty, Assistant Professor, SBS, IIT Mandi

Dr. P. Parameswaran, AP & Asso. Dean Course, SBS, IIT Mandi

Dr. Subrata Ghosh, Asstt. Professor & Chairperson, SBS, IIT Mandi

Dr. Bindu Radhamany, A P & Asso. Dean Research, SBS, IIT Mandi

Dr. Chayan Kanti Nandi, Asst. Professor, SBS

Dr. Shail Shankar, Assistant Professor, SHSS, IIT Mandi

Dr. Anil Kumar Sao, Asst. Professor, SCEE

Mr. Hari Vansh Rai Mittal, Student Research Affairs Secretary, IIT Mandi

Mr. Chamundeswar Nadh, Student General Secretary, IIT Mandi

Mr. Sachin Bhat, Student Academic Affairs Secretary, IIT Mandi

Dr. R.C. Sawhney, Registrar, IIT Mandi, Member Secretary

#### Following members attended the meeting through video conferencing:

Dr. Varun Dutt, Asst. Professor, SCEE & SHSS, IIT Mandi (Through- NKN)

Dr. Ashok Kumar Mocherla, Assistant Professor, SHSS (Through- NKN)

#### Following members could not attend the meeting:

Prof. Deepak Khemani, CSE, IIT Madras

Prof. Babu Viswanathan, ME, IIT Madras

Prof. Shormishtha Panja, Professor, DU, Delhi

Prof. Anil Prabhakar, Professor, EE, IIT Madras

Prof. B. K. Mishra, Professor, ME & I, IIT Roorkee

Prof. D. K. Mehra, Former Professor, E&C, IIT Roorkee

Prof. Sunil Kale, ME, IIT-Delhi

Prof. S. B. Krupanidhi, MRC, IISc, Bangalore

Prof. Milind A. Sohoni, IIT, Bombay  
Prof. S. N. Singh, EE, IIT, Kanpur  
Prof. Arghya Taraphder, SBS, IIT Mandi  
Dr. Vishal Singh Chouhan, Assistant Professor, SE, IIT Mandi

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

1. Dr. Bhavender Paul, Visiting Professor, SCEE, IIT Mandi
2. Dr. Venkata Krishnan, Asst. Professor, SBS
3. Dr. Rajeev Kumar, Asst. Professor, SE
4. Dr. Ajay Soni, Asst. Professor, SBS
5. Dr. Suman Kalyan Pal, Asst. Professor, SBS
6. Dr. C.S. Yadav, Asst. Professor, SBS
7. Dr. Dileep A. D, Asst. Professor, SBS
8. Dr. Kaustav Mukherjee, Asst. Professor, SBS
9. Dr. Sudhir Kumar Pandey, Asst. Professor, SCEE
10. Dr. Samanr Agnihotri, Asst. Professor, SCEE
11. Dr. Ramna Thakur, Assistant Professor, SHSS (Through- NKN)
12. Dr. Manoj Thakur, Assistant Professor, SBS (Through- NKN)
13. Dr. Bharat Singh Rajpurohit, Asst. Professor, SCEE (Through- NKN)
14. Dr. Satinder Kumar Sharma, Asst. Professor, SCEE (Through- NKN)
15. Dr. Om Prakash Singh, Assistant Professor, SE (Through- NKN)

The Chairman Senate extended a warm welcome to all the Senate members and faculty for attending the 5<sup>th</sup> Senate meeting. He gave an overview of the progress in construction activities and thanked the faculty and staff for their support to bring the campus to the present status. He also informed the members that construction activities in North Campus have also started. He then shared with the members the unique academic activities of IIT Mandi on Design Practicum and stressed for a need of industry interaction and also efforts of the faculty in taking the social issues relevant to the region besides addressing the global problems.

Then the agenda points were taken up.

**Item No. 5.1: To confirm the minutes of the 4th Senate meeting held on 20th May, 2013.**

The minutes of the 4<sup>th</sup> Senate meeting held on 20<sup>th</sup> May, 2013 at IIT Kamand, Mandi were confirmed.

**Item No. 5.2: To receive a Report on the action taken to implement the decisions of the 4<sup>th</sup> Senate meeting held on 20<sup>th</sup> May, 2013**

The position of action taken on the matters as reported was noted.

**Item No. 5.3: To consider award of B.Tech, MS, Ph.D. degrees to the First batch of IIT Mandi students.**

The First Convocation of IIT Mandi has been scheduled to be held on 20<sup>th</sup> October, 2013 at Kamand Campus. One Ph.D, one MS and 94 B.Tech.students have qualified to the award of degree. The summary information with regard to the various degrees is as under:

**1. Doctor of Philosophy:**

One student, Ms. Priyanka Manchanda, Enrolment No. D11048, has completed all the requirements for the award of the degree of 'Doctor of Philosophy' including submission of the final approved thesis (Title of the Thesis:-*Magnetic Properties of Multilayers and some Bulk Alloys: An Ab-Initio Study*). The examiners for her thesis were Prof. R. Prasad from IIT Kanpur and Prof. Oleg Mryasov, Department of Physics and MINT Centre, University of Alabama, Tuscaloosa, AL. Both the referees recommended award of PhD Degree to the candidate. She defended her thesis in the open house and her Viva Voce Board consisted of Prof. R. Prasad from IIT Kanpur, Dr. Subrata Ghosh, Chairman, SBS, IIT Mandi, Dr. Arti Kashyap, the Research Guide and Prof. Lalit Malhotra as Invited Specialist. The Viva Voce Board recommended that "Based on the performance in the Viva Voce exam and the comments received earlier, it is recommended that the student be awarded Ph.D. degree."

**2. Master of Science by Research**

One student, Mr. Shejin, T, Enrolment No. S10003, has completed all the requirements for the award of the degree of 'Master of Science' by Research including submission of the final approved thesis (Title of the Thesis:-*Significance of Dictionary for Sparsh Coding Based Face Recognition*). The examiner for his thesis were Dr. Chandra Sekhar Seelamantula, Assistant Professor, Department of Electrical Engineering, Indian Institute of Science, Bangalore and Dr. Mahadeva Prasanna, Professor, Department of Electronics and Electrical Engineering, IIT Guwahati. Both the examiners have recommended award of degree to the candidate.

**3. 'Bachelor of Technology' (B.Tech.) in Computer Science and Engineering**

Thirty four students have completed all the requirements for the award of 'Bachelor of Technology' in Computer Science and Engineering. Of these students, three have also completed their degree with a minor in German. Their names and Enrolment Nos. are as under:

S.NO.	ENRL.NO.	STUDENT NAME	
1	B09001	ABHIMANYU KUMAR	
2	B09002	AKHTAR SHAHI QURESHI	
3	B09004	AMANJOT KAUR	DEGREE WITH MINOR IN GERMAN
4	B09005	AMIT KUMAR SWAMI	
5	B09006	ANURAG ARORA	
6	B09007	ASHISH GUPTA	
7	B09008	ASHISH KUMAR GUPTA	
8	B09009	DEVINDER YADAV	
9	B09010	DIVYA	
10	B09011	GAVALE SAMRAT BALASAHEB	
11	B09012	HARSHUL JAIN	
12	B09013	HIMANI GAUGNA	DEGREE WITH MINOR IN GERMAN
13	B09014	JINKA SAI SAGAR	
14	B09015	JITESH SHARMA	
15	B09016	KARRI SAI SRINIVAS	
16	B09017	KARAMPUDI RAMAKRISHNA REDDY	
17	B09018	NARESH KUMAR	
18	B09020	NIKHIL KUMAR GUPTA	
19	B09022	PANKAJ SHARMA	
20	B09023	PRANAV KAPOOR	
21	B09024	RAHUL JAIN	
22	B09025	RAJ KAMAL SINGH	
23	B09026	RATALA RAJESWARI	
24	B09027	SHEKHAR	
25	B09028	SOMA BANIK	DEGREE WITH MINOR IN GERMAN
26	B09029	SRAVAN TALLURI	
27	B09030	SUMEET SINGH ARORA	
28	B09031	SUYASH TANEJA	
29	B09032	VAIBHAV AGARWAL	
30	B09033	YUGDEEP BANGAR	
31	B09034	BASAVA RAJU KANAPARTHI	
32	B09035	DEVANG MOYAL	
33	B09036	NISHANT GOYAL	
34	B09037	SHEKHAR AGARWAL	

#### 4. 'Bachelor of Technology' (B.Tech.) in Electrical Engineering

Thirty six students have completed all the requirements for the award of 'Bachelor of Technology' in Electrical Engineering. Of

these students, one has completed her degree with a minor in German. Their names and Enrolment Nos. are as under:

S.NO.	ENRL.NO.	STUDENT NAME	
1	B09051	AADITYA GOYAL	
2	B09052	AKHALESH KUMAR	
3	B09053	AMIT KUMAR	
4	B09054	ANSHAY AGARWAL	
5	B09055	CHOPPALA VENKATA ANUDEEP	
6	B09056	DAMA SREEKANTH	
7	B09057	DHRUV PARMAR	
8	B09058	GEETHA SRAVYA ANNAVARAPU	
9	B09059	YASWANATH KUMAR IDDIBANI	
10	B09060	ISHANSH SINGH	
11	B09061	KANAPAKA MANOHAR	
12	B09062	KANHAIYA MISHRA	
13	B09063	KULDEEP PUROHIT	
14	B09064	KUMOD KUMAR GUPTA	
15	B09066	MOHIT KUMAR MALHOTRA	
16	B09067	NIKHIL KANDOI	
17	B09068	NIKKI KUMAR	
18	B09069	SAURABH JAIN	
19	B09070	SHAMMAS MOHYADDIN	
20	B09071	SIDDHANT MALIK	
21	B09072	SUKET MEHTANI	
22	B09073	SUNANDA YADAV	DEGREE WITH MINOR IN GERMAN
23	B09074	UDAY MITTAL	
24	B09075	V VIGNESH	
25	B09076	BODDUNA RAHUL	
26	B09077	CHANDAN	
27	B09078	CHINMAY DUSHYANT BHAGAT	
28	B09079	KARYAMSETTY ROSHNI	
29	B09080	KULKARNI AKSHAY JAYANT	
30	B09081	MAHESH KUMAWAT	
31	B09082	MUTUKULOJU BHANU PRAKASH	
32	B09083	PUNEET SAINI	
33	B09084	SHUBHAM GUPTA	
34	B09085	SUNIL	
35	B09086	DEEPANSHU RASTOGI	
36	B09087	SAURABH SAROYE	

### 5. 'Bachelor of Technology'(B.Tech.) in Mechanical Engineering

Twenty four students have completed all the requirements for the award of 'Bachelor of Technology' in Mechanical Engineering. Their names and Enrolment Nos. are as under:

S.NO.	ENRL.NO.	STUDENT NAME
1	B09101	ANKUR NAHAR
2	B09102	ANKUSH SINGLA
3	B09103	ANURAG JAKHOTIA
4	B09104	CHEMUDURU SREERAM
5	B09105	GAURAV YADAV
6	B09106	GUNTREDDI PRUDHVI RAJ
7	B09107	M.PRAMODH DEV JAYANTH
8	B09108	MANISH SHANKARAM
9	B09109	NIKHIL CHHABRA
10	B09110	PRIYANK.B.PATEL
11	B09111	PULI.SAMANTH KUMAR REDDY
12	B09112	RANJAN
13	B09113	S.VIJAY RAHUL RAJ
14	B09114	SACHIN SINGHAL
15	B09115	SAKSHAM GROVER
16	B09116	SHOBHIT PAL SINGH
17	B09117	SUBIK KUMAR
18	B09118	SUNIL CHAUDHARY
19	B09119	THORAT VIJAY GANESH
20	B09120	VAKA PRAVEEN
21	B09121	VANTEDDU TEJA
22	B09122	MRINMOY BISWAS
23	B09123	R SHYAM SUNDAR
24	B09124	ROHIT NARAYAN RAUT

The Senate recommended award of PhD, MS and B. Tech degrees to the First batch students of IIT Mandi for approval by BoG.

**Item No. 5.4: To consider implementation of certain recommendations of Kakodkar committee.**

On the recommendations of the Council of IITs at its 46th meeting, which are, in turn, based on the recommendations of the "Kakodkar Committee on strengthening the Ph.D Programmes in the IITs." The Senate recommended the implementation of the following in principle:

- (i) Trainee Teacher Awards Scheme to be implemented by NITs/IITs
- (ii) A Ph.D programme for persons working in industry is to be introduced at all IITs
- (iii) A similar programme (as in (ii) above) will operate for teachers in Engineering Colleges

It was decided that a committee may be constituted by Dean Academics to formulate detailed recommendations in this regard for presentation in the subsequent Senate meeting.

**Item No. 5.5: To consider approval of new Courses.**

15 new Course proposals were presented in the Senate meeting. Senate members discussed the course contents and specific suggestions and comments were conveyed to the course proposers. Course proposers were requested to correct the proposals and circulate to the Senate members including outside members through email for further comments.

No	Course Code	Course Name	School	Credits	Proposer
1	CY 647	Chemical Crystallography	SBS	2-0-2-3	Pradeep Parameswaran
2	ME 618	Stealth Technology: Infrared Signatures	SE	2-1-0-3	Shripad Mahulikar
3	EE 503	Advanced Communication Theory	SCEE	3-0-0-3	Samar Agnihotri
4	EE 608	Digital Image Processing	SCEE	3-0-2-4	Anil K Sao
5	EE 606	Introduction to High Voltage Engineering and Dielectric Breakdown	SCEE	3-0-0-3	B. S. Rajpurohit
6	EE 203	Network Theory	SCEE	3-1-0-4	B. S. Rajpurohit
7	EE 614	Optical Communication Systems	SCEE	3-0-0-3	Anand Srivastava
8	EE 309 & EE 309P	Power Electronics	SCEE	2.5-0.5-2-4	Ramesh Oruganti
9	RM 600	Research Methodology		1-0-0-1	Om Prakash Singh et al.
10	EE 506	Solar Photo Voltaic Energy	SCEE	2.5-0.5-	Ramesh Oruganti

		Systems		0-3	
11	EE 504	Switch Mode Power Conversion	SCEE	2.5-0.5-0-3	Ramesh Oruganti
12	EE 611	VLSI Technology	SCEE & SBS	3-0-0-3	Satinder K Sharma
13	CY 642	Molecular and Bio-Electronics	SBS	3-0-0-3	Venkata Krishnan
14	MA 709	Numerical Linear Algebra	SBS	2-0-2-3	Rajendra K Ray
15	HS 481	International Business Management	SHSS	3-0-0-3	Ramna

Once all corrections have been incorporated, Chairman Senate can approve the proposals on behalf of the Senate.

**Item No. 5.6: Additional agenda items with the permission of the Chair.**

The agenda items discussed by the student representatives were:

- i) Student General Secretary suggested that the contents of the courses approved by the Senate may be revised periodically after taking feedback from the students.
- ii) Students Academic Affairs secretary made a suggestion that more discipline courses can be included in the curriculum during the first 4 semesters in place of the Institute Core courses. This will help the students to learn the basic courses of their discipline within the first 2 years of their program which will help them considerably to follow the more advanced discipline courses of the subsequent semesters in a better way.

**Item No. 5.7: To report decisions / actions taken by the Chairman of the Senate on behalf of the Senate.**

The position of following matters reported was noted.

Chairman, Senate on behalf of the Senate approved the following:

**1. Degree Formats / Language**

The degree certificate will be printed in colour in the format and language shown in attachment. Two security features, i) a unique serial number for each certificate and ii) an IIT Mandi hologram will be used at the top left side of the Degree certificate.

The relevant format and language is placed at **Annexure-I**.

**2. IIT Mandi Graduates' Pledge**

The following pledge will be taken by all the graduates present at the IIT Mandi Convocation:

*"We, the graduates and post-graduates of the Indian Institute of Technology Mandi, hereby pledge*

*That we will be scrupulously honest in all our activities and act with integrity at all times to uphold the honour and dignity of our profession and of our Institute;*

*That we will actively protect and promote the well being of our environment;*

*That we will uphold and promote the unity and secular ideals of our country;*

*That we will utilize our knowledge in the service of our country in its march towards a just, inclusive and sustainable society".*

### **3. Medals & Awards**

#### ***i) President of India Gold Medal:***

This award is for outstanding academic performance from among the batch of B.Tech. students graduating. It shall be awarded to the graduating student with the best overall academic record, as indicated by the overall CGPA, in the B.Tech program.

Instituted by: The Indian Institute of Technology Mandi

#### ***ii) Director's Gold Medal:***

This award is for outstanding all-round proficiency from among the batch of B.Tech. students graduating. It shall be awarded to the graduating student with a good academic record and proven leadership and excellence in extracurricular activities in all the four years of the B.Tech program.

Instituted by: The Indian Institute of Technology Mandi

#### ***Institute Silver Medals:***

This award is for outstanding academic performance from among the students graduating in a specific academic discipline. It shall be awarded to the graduating student with the best academic record, as indicated by the overall CGPA, in a given B.Tech. discipline.

Instituted by: The Indian Institute of Technology Mandi

#### ***iii) Balasundaram Endowment Prize in German:***

This award is for outstanding performance in the Minor in German Language from among the batch of B.Tech. students graduating and opting for the said minor. It shall be awarded to the graduating B.Tech student with a Minor in German Language and having the best Grade Point Average in the courses comprising the minor.

Instituted by: Prof. B. Subramanian in memory of his father Mr. G.R. Balasundaram.

The formats for the Medals and Award citations have been approved by the Chairman of the Senate. These are shown in the **Annexure - II**. It was also decided

that the medals will only be gold plated/silver plated and not of original gold or silver metals.

#### 4. Winners of Medals & Prizes

The following students have been approved by the Chairman of the Senate for different Medals and Prize.

Medal/Prize	Awarded to	
	Name	Enrolment No
President of India Gold Medal	DevinderYadav	B09009
Director's Gold Medal	Saurabh Jain	B09069
Institute Silver Medal - Computer Science and Engineering	DevinderYadav	B09009
Institute Silver Medal - Electrical Engineering	V. Vignesh	B09075
Institute Silver Medal - Mechanical Engineering	MrinmoyBiswas	B09122
Balasundaram Endowment Prize for German	AmanjotKaur	B09004

#### 5. Students placed under Academic Probation/Academic Warning/Disciplinary Action during Odd Semester 2013.

Sl. No.	Enrl. No.	Student Name	Action	From	Until
1	B10059	JiteshMeghwal	Academic Probation	24-09-2013	End of Odd Semester 2013
2	B11051	Abhinav Singh	Academic Warning	02-08-2013	End of Odd Semester 2013
3	B10018	K. Saithe Jose	Academic Warning	02-08-2013	End of Odd Semester 2013
4	B11017	Korra Vishnu Priyanka	Academic Warning	02-08-2013	End of Odd Semester 2013
5	B12035	M.R. Srinath	Academic Warning	02-08-2013	End of Odd Semester 2013
6	B09003	Aman	Disciplinary	12-07-2013	Till HS481 is

			Action		cleared
7	B10085	Devendra Kumar Meena	Disciplinary Action	05-09-2013	31-12-2013
8	B11101	AbhayChaudhary	Mercy Plea Accepted following Termination	02-08-2013	
9	B10114	HrushikeshAlda	Mercy Plea Accepted following Termination	02-08-2013	

**6. B.Tech Students whose application for Branch Change has been approved at the start of the Odd Semester 2013.**

SI.NO.	ENRL. NO.	STUDENT NAME	EARLIER BRANCH	CHANGED BRANCH	
1	B12037	REETA MEENA	CSE	EE	Changed in 3rd Semester
2	B12053	ANSHU SHARMA	EE	CSE	Same as above
3	B12054	GOURAV PANWAR	EE	ME	Same as above
4	B12059	DEVANG BACHARWAR	EE	CSE	Same as above
5	B12062	GARIMELLA HARIKA	EE	ME	Same as above
6	B12065	MONIL CHUGH	EE	ME	Same as above
7	B12066	GAUTAM VIJ	EE	CSE	Same as above
8	B12068	GAUTAM SURI	EE	CSE	Same as above
9	B12069	SANDESH KUMAR SINGH	EE	CSE	Same as above
10	B12084	HIMANSHU RANJAN	EE	ME	Same as above
11	B12101	KUMAR MEHTA	ME	CSE	Same as above
12	B12114	VARIGONDA PAVAN TEJA	ME	CSE	Same as above
13	B12120	ABHISHEK CHAUDHARY	ME	CSE	Same as above
14	B12122	SAKSHAMA GHOSLYA	ME	EE	Same as above
15	B12129	SEELA AISWARYA	ME	EE	Same as above
16	B12130	AMIT YADAV	ME	CSE	Same as above
17	B11019	KSHITIZ SARASWAT	CSE	ME	Changed in 5th Semester

**7. M.S. Student whose application to convert to Ph.D has been approved.**

1. SRIMANTA MANDAL ((Enrl.No. D13014 (S10005)) from 22<sup>nd</sup> August 2013

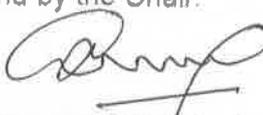
**8. The courses taken by the graduating students and approved by the Chairman Senate are:**

1. Courses taken at IIT Roorkee during the academic year 2009-10.
2. Courses from other institute taken through NKN.
3. Courses which have gone through the current CPC approval process.
4. Courses not approved by the Senate but with equivalent current Institute Core courses.
5. Courses not in the above categories.

The details given in **Annexure – III**.

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

  
Chairman, Senate

  
(Dr. R.C Sawhney)  
Secretary, Senate