



**Indian
Institute Of
Technology
Mandi**

2009-2010

वार्षिक प्रतिवेदन
ANNUAL REPORT

01 April 2009 - 31 March 2010

01 अप्रैल 2009 – 31 मार्च 2010

भारतीय प्रौद्योगिकी संस्थान मण्डी
Indian Institute Of Technology Mandi

वार्षिक प्रतिवेदन ANNUAL REPORT 2009 - 2010

01 अप्रैल 2009 — 31 मार्च 2010
(01 April 2009 – 31 March 2010)



**Indian
Institute of
Technology
Mandi**

भारतीय प्रौद्योगिकी संस्थान मण्डी
INDIAN INSTITUTE OF TECHNOLOGY MANDI

Visitor

Her Excellency Smt. PRATIBHA DEVISINGH PATIL

President of India

Chairperson, IIT Council

Hon'ble Sri Kapil Sibal

Minister of Human Resource Development

Government of India

Chairperson, Board of Governors

Padmashree M. Natarajan (w.e.f. 04.03.2010)

Sri Ashok Bhatnagar (upto 03.03.2010)

Director

Prof. Timothy A. Gonsalves (w.e.f. 15.01.2010)

Prof. S.C. Saxena (upto 14.01.2010)

Registrar

Lt. Col. (Retd.) A.K. Srivastava

Contents

Annual Report : At a Glance	
Director's Report.....	1-2
Photographs.....	3-6
1. Organization and Administration	7-10
1.1 Board of Governors.....	7
1.2 Finance Committee.....	8
1.3 Building & Works Committee.....	9
1.4 Administration (IIT Mandi Cell).....	9
1.5 Academic Schools & Other Units.....	10
2. Academic and Non-Academic Staff	11
2.1 New Appointments.....	11
2.2 Appointments under SC/ST and OBC Categories.....	11
2.3 New Appointments of Non-Academic Officers/Staff.....	11
3. Academic Programmes	12
4. Academic Schools & Other Units	13
5. Institute Accounts	14-15
5.1 Summary of Balance Sheet.....	14
5.2 Summary of Total Income and Expenditure.....	15
6. Students Amenities and Activities	16
Appendices	17
A1 Details of IIT Mandi Results (2009-2010)	17
A2 Scholarships and Financial Aid to Students.....	17

ANNUAL REPORT : AT A GLANCE

2009-2010

ACADEMIC SCHOOLS / UNITS

Academic Schools	03
Other Units	01

GRANTS

₹ 1700.00 lacs

COURSES OF STUDY

B.Tech.	03
---------	----

STUDENTS ADMITTED

B.Tech.	98
Research Scholar	Nil
Total	98

STUDENTS STRENGTH

B.Tech.	98
Research Scholar	Nil
Total	98

FACULTY/STAFF STRENGTH

None.

Recruitment process started in February 2010. Faculty members of IIT Roorkee conducted teaching

Director's Report



Milestone till March 2010

Introduction

The fledgling IIT Mandi is the only IIT located in the Himalayas. Its campus is a scenic 530 acres on the bank of the River Uhl in Kamand, a small village 15 kms outside the town of Mandi in Himachal Pradesh. Nestled in a scenic river valley far from the hustle and bustle of the cities, IIT Mandi aims to grow into a leader in knowledge creation, technology education, and innovation in an India that is marching towards a just, inclusive and sustainable society. The initial years of any newly established Institute is the most formative ones, and it can be assessed, quite objectively, that IIT Mandi made several strides last year. This report will summarize the major developments which took place towards making this into a fully functional Technical Institute.

After the laying of the foundation stone at Kamand, the site for the permanent campus of IIT Mandi, took place on 24th February 2009, the IIT Mandi Cell was set up at IIT Roorkee on 18th March 2009, to steer the activities of IIT Mandi.

A Preliminary Project Report (PPR) outlining a road map of 10 years for development of academic program, campus development and related issues was finalized initially on 25.4.2009. A major component of the report was development of a scaled drawing of the 538 Acres of land at Kamand and its land-use-plan.

The report was submitted to Govt. of Himachal Pradesh in April 2009. The IIT Mandi was registered as a society in Uttarakhand on 20th June 2009.

Admission

The admission of the First batch of students of IIT Mandi took place in July 2009 and their classes were conducted from 27th July 2009, onwards. Staying arrangement for IIT Mandi students was made in student hostels, Rajendra Bhawan (Boys) and Kasturba Bhawan (Girls).

Academic Infrastructure

Plans were finalized for development of a Transit Campus of IIT Mandi at Govt. Post graduate College, Mandi in August, 2009 during the visit of Shri Ashok Thakur, Additional Secretary, Govt. of India, MHRD, Department of Higher Education, on August 13, 2009.

Revised PPR was finalized on September 15, 2009 after incorporating changes in the forest land by excluding patches of dense forest.

The buildings of Transit campus were handed over by the H.P. Govt. to IIT Mandi on November 16, 2009.

The first meeting of Building & Works Committee, exclusively for IIT Mandi, took place on December 14, 2009 to consider mainly the preliminary estimates submitted by CPWD for development of the Transit campus at Mandi. The First meeting of Finance

Committee and BOG of IIT Mandi took place on December 21, 2009, when the estimates prepared by the CPWD (for renovation of the Transit Campus buildings as well as Construction of a laboratory block and students activity centre etc) on the basis of Architectural drawings prepared by M/s R.P. Vaidya Associates - Space Matrix, were approved. BOG also approved specialization of Faculty and Grouping of Non-Teaching Staff for reservation purposes etc for IIT Mandi.

The website of IIT Mandi was activated under the domain name iitmandi.ac.in on Feb.2, 2010, by ERNET India.

The first advertisement for faculty and non-faculty positions of IIT Mandi appeared in the Times of India on February 3, 2010.

An MoU was signed, for Creation of Virtual Class Rooms at IIT Mandi over National Knowledge Network (NKN), between IIT Mandi, National Informatics Centre (NIC) and

National Informatics Center Services Incorporated (NICSI).

Acknowledgement

I express my gratitude to the Hon'ble Minister of HRD and Chairperson, IIT Council for enabling the IIT Mandi to establish itself. The Institute is grateful to the mentor Institute, IIT Roorkee for their guidance and steadfast commitment in the growth of IIT Mandi. The Institute is indebted to the Director, all the Deans, faculty members, staff members, members of the Administration and members of the IIT Mandi Cell for their incessant help and for providing unconditional moral and infrastructural support.

Date: 14/02/2011



(Prof. Timothy A. Gonsalves)
Director



Academic Block of IIT Mandi at the Transit Campus



First Batch of IIT Mandi Students at IIT Roorkee on July 25, 2009



L to R : Shri Anand Sharma, Prof. Prem Kumar Dhumal and Sri Narinder Bragta on the occasion of Foundation stone laying ceremony of Indian Institute of Technology, Mandi at Kamand, (H.P.) on Feb. 24, 2009



Foundation stone at Kamand Campus site.



IIT Mandi Students on the Occasion of Foundation Day of IIT Mandi on February 24, 2010



A cultural Program Organized by IIT Mandi Students during their stay at IIT Roorkee



IIT Mandi Students visit Transit Campus on the occasion of foundation day of IIT Mandi



IIT Mandi Site at Kamand, Mandi (Himachal Pradesh)

1. Organization and Administration

- 1.1 Board of Governors
- 1.2 Finance Committee
- 1.3 Building & Works Committee

- 1.4 Administration
- 1.5 Academic Schools & Other Units

1.1 BOARD OF GOVERNORS

Chairperson:

Padmashree M. Natarajan (*w.e.f. 04.03.2010*)
Chairperson, Board of Governors
Indian Institute of Technology Mandi, &
Former Scientific Advisor to Defence Minister &
Secretary, Govt of India & DG (R&D) DRDO

Shri Ashok Bhatnagar (*upto 03.03.2010*)
Chairperson, Board of Governors IITR
Indian Institute of Technology Mandi

Members:

Prof. Timothy A. Gonsalves (*w.e.f. 15.01.2010*)
Director,
Indian Institute of Technology Mandi,
Mandi

Prof. S.C. Saxena (*upto 14.01.2010*)
Director IITR,
Indian Institute of Technology Mandi,
Mandi

Ms Asha Swarup Chief Secretary,
Govt. of H.P (H.P. Govt. Nominee)

Council Nominee:

Shri Amit Khare
Jt. Secretary (ICC), MHRD
Govt. of India

Shri S.K.Garg
Chairman & Managing Director,
NHPC, Faridabad

Shri Pradeep Gupta
Chairman,
Cyber Media Group Gurgaon,
(NCR Delhi)

Shri Nitin Paranjpe

CEO & MD,
Hindustan Lever Ltd.,
Mumbai

Senate Nominee :

Prof. I.M. Mishra (*w.e.f. 01.01.2010*)
Department of Chemical Engineering,
Indian Institute of Technology Roorkee,
Roorkee – 247 667

Prof. D.K. Paul (*w.e.f. 01.01.2010*)
Dean Faculty affairs,
IIT Roorkee
Roorkee – 247 667

Prof. A.K. Awasthi (*upto 31.12.2009*)
Department of Earth Sciences
Indian Institute of Technology Roorkee,
Roorkee – 247 667

Prof. H.O. Gupta (*upto 31.12.2009*)
Department of Electrical Engineering,
Indian Institute of Technology Roorkee,
Roorkee – 247 667

Special Invitees (Ex-officio) :

Prof. S.C.Saxena
Director (Mentoring IIT)
Indian Institute of Technology Roorkee
Roorkee – 247 667

Prof. H.K. Verma
Dy. Director (Mentoring IIT)
Indian Institute of Technology Roorkee
Roorkee – 247 667

Prof. S.P. Gupta
Coordinator
Indian Institute of Technology Mandi Cell
IIT Roorkee
Roorkee – 247 667

Secretary :

Lt. Col. (Retd.) A.K. Srivastava
Registrar (Mentoring IIT),
Indian Institute of Technology Roorkee,
Roorkee- 247 667

1.2 FINANCE COMMITTEE

Chairman :

Shri Ashok Bhatnagar
Chairman, BOG, IIT Roorkee & IIT Mandi
117, SFS Apartments, Hauz Khas,
Aurobindo Marg,
New Delhi-110016

Members :

Prof. S.C. Saxena
Director,
Indian Institute of Technology Roorkee,
Roorkee – 247 667

Shri Ashok Thakur, IAS
Additional Secretary (HE)
Government of India
Ministry of Human Resource Development
Department of Higher Education
Shastri Bhawan
New Delhi – 110 001

Shri S.K. Ray
Additional Secretary & Financial Advisor
Ministry of Human Resource Development
Government of India
Department of Secondary & Higher Education

Technical Section I
Shastri Bhawan,
New Delhi

Member (Board Nominee) :

Prof. S.K. Khanna
Former Chairman, AICTE
Jaypee Institute of Information Technology (JIIT),
A-10, Sector 62,
Noida - 201 307 (U.P.)

Prof. Surendra Kumar
Department of Chemical Engineering,
Indian Institute of Technology Roorkee,
Roorkee – 247 667

Prof. N.M. Bhandari
Department of Civil Engineering,
Indian Institute of Technology Roorkee,
Roorkee – 247 667

Secretary :

Lt. Col. (Retd.) A.K. Srivastava
Registrar,
Indian Institute of Technology Roorkee,
Roorkee - 247 667

1.3 BUILDING & WORKS COMMITTEE

Chairman:

Prof. S.C. Saxena

Director,
Indian Institute of Technology Roorkee &
Indian Institute of Technology Mandi

Members :

Prof. H.K. Verma

Deputy Director,
Indian Institute of Technology Roorkee,
Roorkee- 247 667

Prof. V.K. Gupta

Chairman, Estate & Works,
Indian Institute of Technology Roorkee,
Roorkee – 247 667

Ms. Seema Raj

Director (T), Govt. of India
Department of Secondary & Higher Education
Ministry of Human Resource Development
Shastri Bhawan,
New Delhi 110 001

Er. P.K. Jain

Chief Engineer
UP PWD (Retd),
R-13/83, Raj Nagar, Ghaziabad

Er. M.S. Chandola

Dy. General Manager,
Uttaranchal Power Corporation Ltd.,
Roorkee – 247 667

Prof. Akhilesh Gupta

Department of Mechanical & Indl. Engg.,
Indian Institute of Technology Roorkee,
Roorkee – 247 667

Prof. S.P. Gupta

Department of Electrical Engineering,
Indian Institute of Technology Roorkee,
Roorkee – 247 667

Prof. G. Ramasamy

Department of Civil Engineering,
Indian Institute of Technology Roorkee,
Roorkee – 247 667

Er. Salek Chand

Institute Engineer,
Indian Institute of Technology Roorkee,
Roorkee – 247 667

Member Secretary :

Lt. Col. (Retd.) A.K. Srivastava

Registrar,
Indian Institute of Technology Roorkee,
Roorkee- 247 667

1.4 ADMINISTRATION (IIT Mandi Cell)

COORDINATION COMMITTEE

Coordinator :

Prof. S.P. Gupta

Professor
Electrical Engineering Department
Indian Institute of Technology Roorkee
Roorkee

Members :

Prof. G.S. Srivastava

Professor,
Mathematics Department
Indian Institute of Technology Roorkee
Roorkee

Prof. Surendra Kumar

Professor
Chemical Engineering Department
Indian Institute of Technology Roorkee
Roorkee

Prof. I. M. Mishra

Professor
Chemical Engineering Department
Indian Institute of Technology Roorkee
Roorkee

Prof. S. P. Srivastava

Professor
Electrical Engineering Department
Indian Institute of Technology Roorkee
Roorkee

Prof. Gopal Chauhan

Emeritus Fellow,
Water Resources Dev. & Management
Indian Institute of Technology Roorkee
Roorkee

1.5 ACADEMIC SCHOOLS & OTHER UNITS

Academic Schools

- Electronics & Computer Engineering
- Humanities & Social Sciences
- Mechanical & Industrial Engineering

Other Units

- Indian Institute of Technology Mandi Cell

2. Academic & Non-academic Staff

- | | | | |
|-----|---|-----|--|
| 2.1 | New Appointments | 2.3 | New Appointment of Non-Academic Officers/Staff |
| 2.2 | Appointments under SC/ST and OBC Categories | | |

2.1	New Appointments	:	Nil	} The recruitment process started in February 2010
2.2	Appointments under SC/ST and OBC Categories	:	Nil	
2.3	New Appointment of Non-Academic Officers/Staff	:	Nil	

3. Academic Programmes

IIT Mandi has admitted students in the First year of B.Tech programmes:

1. Electrical Engineering (Intake 40)
2. Computer Science & Engineering (Intake 40)
3. Mechanical Engineering (Intake 40)

The students were offered admissions on the basis of JEE. Two rounds of registration were done on July 22, 2009 and July 27, 2009. A total of 98 students have been admitted as per details given below. Their classes are being conducted regularly from July 27, 2009.

Number of Admitted Students

B.Tech (Electrical Engineering)	B.Tech (Computer Science & Engineering)	B.Tech (Mechanical Engineering)
36	36	26
	Total	98

4. Academic Schools & Other Units

Academic Schools :

- ❖ Electronics and Computer Engineering Department
- ❖ Mechanical Engineering Department
- ❖ Humanities and Social Sciences

Other Units :

- ❖ Indian Institute of Technology, Mandi Cell, IIT Roorkee

5. Institute Accounts

5.1 Summary of Balance Sheet

5.2 Summary of Total Income and Expenditure

5.1 Summary of Balance Sheet as at 31st March 2010

PARTICULARS	SCH. No.	CURRENT YEAR	
		Amount (₹)	Amount (₹)
SOURCES OF FUNDS			
<u>CORPUS FUND</u>			
a. Capital Fund	1		170,309,664.00
b. Unspent Balance of Grant Received from NICS, New Delhi			1,180,000.00
<u>CURRENT LIABILITIES AND PROVISIONS</u>			
a. TDS Payable		192,628.00	
b. Student Security Deposits		<u>424,000.00</u>	616,628.00
TOTAL ₹			172,106,292.00
APPLICATION OF FUNDS			
<u>FIXED ASSETS</u>			
<u>CURRENT ASSETS, LOAN AND ADVANCES</u>			
A. Cash & Bank Balances			
a. Cash at Bank		134,714,211.00	
b. Cheques in Hand		<u>2,830,750.00</u>	137,544,961.00
B. Advances Recoverable in Cash or in Kind:			
Sundry Advances	3		20,441,118.00
TOTAL (₹)			172,106,292.00
SIGNIFICANT ACCOUNTING POLICIES AND NOTES TO ACCOUNTS			
	4		

5.2 Summary of Total Income and Expenditure for the year ended 31st March 2010

PARTICULARS		SCH. No.	CURRENT YEAR	
			Amount (₹)	Amount (₹)
A. INCOME				
(a)	Grant received from MHRD	1	170,000,000.00	—
	Less: Plan Grant transferred to and included in Capital Fund		<u>170,000,000.00</u>	—
(b)	Other Grants Received	2	1,180,000.00	—
	Less: Unspent Balance of Grant Received from NICS, New Delhi transferred to Balance Sheet		<u>1,180,000.00</u>	—
(c)	Academic / Educational Receipts	3		5,554,893.00
(d)	Interest Income			585,789.00
	Total (A) (₹)			6,140,682.00
B. EXPENDITURE				
(a)	Establishment Expenses	4		1,360,271.00
(b)	Administrative & Other Miscellaneous Expenses	5		4,470,747.00
	Total (B) (₹)			5,831,018.00
Balance being excess of Income over Expenditure (A-B)				309,664.00
BALANCE BEING SURPLUS / DEFICIT CARRIED OVER TO CAPITAL FUND				309,664.00

6. Students Amenities & Activities

Accomodation Facility

The students were accomodated in Rajendra Bhawan and Kasturba Bhawan at IIT Roorkee for the academic year 2009-2010.

Cultural Activities

- The students organized the first Cultural Festival in 2010 during thier stay at IIT Roorkee.
- They participated and won at several cultural and sports events.
- The students volunteered to design the website for IIT Mandi and formed Web Development Team

A₁ Details of IIT Mandi Results (2009-10)

The 98 students admitted were promoted to third semester which commenced from August, 2010 in the Transit Campus, IIT Mandi, Mandi.

A₂ Scholarships and Financial Aid to Students

Institute Merit-Cum-Means Scholarship @ ₹ 1000/- p.m. in addition to tuition fee is given to 25% of the sanctioned strength in each B. Tech. programme. The mode of award is based upon the condition that CGPA must be 6.0 or more, and earned credits should not be less than 22 times the number of semesters registered for, as well as SGPA in the previous semester must be 6.0 or more, subject to condition that parents/guardians' total annual income from all sources should be up to rupees two lacs. Details of such students are given below for the Academic Session 2009-2010.

Sn.	Name of Students
Mechanical (I Year)	
1.	Mutukuloju Bhanu Prakash
2.	Priyank B. Patel
3.	P. Samanth Kumar Reddy
4.	Thorat Vijay Ganesh
Electrical (I Year)	
1.	Sunanda Yadav
2.	Arpit Jain
3.	Dama Sreekanth

4.	Kulkarni Akshay Jayant
5.	Kumod Kumar Gupta
C.S.E. (I Year)	
1.	Abhimanyu Kumar
2.	Basava Raju Kanaparthi
3.	Divya
4.	Karampudi Ramakrishna Reddy
5.	Nikhil Kumar Gupta
6.	Gavale Samrat Balasaheb
7.	Amit Kumar Swami

VISION

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

MISSION

To create and impart knowledge through team effort and individually for the benefit of society

To produce professionals capable of creating knowledge and conceiving, designing and developing products and processes for the benefit of our nation in particular and humanity in general, through team effort and individually

To impart the ability to analyze problems of society and industry, and devise globally recognized innovative approaches and solutions

To inculcate a spirit of entrepreneurship

To train teachers capable of inspiring the next generation of engineers and researchers

To work intensely with industry in pursuit of the above goals

To be an efficient and decentralised organisation with overriding respect for ability and merit