



## HON'LE SHRI ASHOK BHATNAGAR JI

Chairman, BOG, IIT Roorkee

Hon'le Shri Ashok Bhatnagar Ji has taken over as Chairman, BOG, IIT Roorkee w.e.f. April 20, 2009. We hope that under his leadership and guidance, the Institute would grow and achieve excellence in all its activities. His brief resume is given below :



After graduating in Civil Engineering from University of Roorkee in 1957, and a brief stint with the UP PWD, he joined the Indian Railway Traffic Service in the year 1958, and rose to the position of Chairman Railway Board and Principal Secretary to Government of India, holding the post from July 1994 to May 1995, until superannuation.

During the tenure as Chairman, Railway Board, the Indian Railways turned out (until then) the best ever performance by achieving the lowest ever operating ratio of 82.3% by savings in expenditure to the extent of Rs. 945 crore and achieving the lowest ever inventory turnover ratio of 22%. Steam traction on Broad Gauge was phased out and several areas of manufacture and maintenance were reorganized and re-engineered.

Prior to appointment as the Chairman Railway Board, Shri Bhatnagar held various assignments in the Railway Board as well as in the Zonal Railways, including Member (Traffic) Railway Board and ex-officio Secretary to the Government of India (July 1993 to July 1994), General Manager, Eastern Railway (1991 to 1993), Chief Operations Manager, Northern Railway (1989 to 1991) and Divisional Railway Manager, Mughalsarai, Asansol and Dhanbad Divisions of Eastern Railway (variously from 1984 to 1988). He also served on deputation to Nigerian Railway Corporation from 1979 to 1982.

With the background in Civil Engineering and multi-disciplinary experience of the Indian Railways (Transport, Engineering and Management), he has been serving many organizations in advisory capacity since retirement; he had been Member of the Task Force on Transport and Tourism constituted by Department of Public Enterprises (1995 to 2000), and presently he is providing strategic advice on railway logistics for ports, steel plants and containers.

## गहन हिन्दी प्रशिक्षण कार्यक्रम

18 मई – 3 जून 2009

हिन्दी का कार्यसाधक ज्ञान न रखने वाले संस्थान के संकाय सदस्यों तथा अधिकारियों हेतु भारतीय प्रौद्योगिकी संस्थान रुड़की में केन्द्रीय हिन्दी प्रशिक्षण संस्थान, भारत सरकार के सहयोग से 18 मई से 3 जून 2009 तक 'विशेष गहन प्रबोध' पाठ्यक्रम का आयोजन किया गया। किसी भी आई0आई0टी0 में आयोजित होने वाला यह इस तरह का पहला पाठ्यक्रम है।

पाठ्यक्रम में संस्थान के कुल 9 संकाय सदस्यों तथा 1 अधिकारी ने भाग लिया। पाठ्यक्रम की समाप्ति के पश्चात 4 जून 2009 को संस्थान में ही प्रबोध परीक्षा का आयोजन भी किया गया जिसमें 4 संकाय सदस्य तथा एक अधिकारी सम्मिलित हुये।

केन्द्रीय हिन्दी प्रशिक्षण संस्थान के 3 सहायक निदेशकों द्वारा क्रमशः संकाय सदस्यों को बारी बारी से प्रशिक्षित किया गया।

राजभाषा का पाठ्यक्रम आयोजित किया जाना तथा भारत के विभिन्न प्रांतों के संकाय सदस्यों का उत्साह पूर्वक उसमें भाग लेना इस तथ्य का स्पष्ट परिचायक है कि भारतीय प्रौद्योगिकी संस्थान रुड़की शिक्षण एवं शोध के साथ-साथ अपने संवैधानिक तथा नैतिक दायित्वों के प्रति भी समान रूप से सजग है तथा उसमें प्रर्याप्त रुचि लेता है।

## Honours and Awards

- A paper titled " GEOWARNS: A System to Warn Geodeformation Failure" by Dr. Jayanta Kumar Ghosh, Devanjan Bhattacharyaa and Prof. N. K. Samadhiya won FIG Foundation Grant at FIG Working Week 2009 Eliat, Israel, May 3-8, 2009.
- Dr. Jayanta Kumar Ghosh received ERASMUS MUNDUS EU Scholarship for Teaching & Research at the Instituto Superior de Estatística e Gestão de Informação (ISEGI), Universidade Nova de Lisboa, Portugal (September 01 to December 31, 2009).
- Prof. Nayan Sharma of WRD&M has been made a member of the Task Force on Restoration of Sunderbans Embankments damaged by the cyclone "Aila" in May, 2009 by Ministry of Water Resources, Govt. of India.
- Ms. Ravali Uppala, SEOR, and Mr. Mrutyunjay Raut M & I of M.Tech. 1st year (Electrical) have been awarded GE Scholarship.



# Seminar on “Housing and Disaster Mitigation Efforts”



*A view of Inaugural Function*



*A view of Panel Discussion on “Resiliency, Responsibility and Research for Safer Housing”*

The Centre of Excellence in Disaster Mitigation & Management of IIT Roorkee has organized the National Seminar on “Housing and Disaster Mitigation Efforts in India: Case –Studies “on April 18, 2009. This is first part of the Research Conference on “Housing and Disaster Mitigation” (HDM-2009) which is to be followed by another Seminar on “Research Activities in the field of Disaster Mitigation in Housing in India” to be held on August 22, 2009 and two-day research conference on Disaster Mitigation in Housing in India: An Agenda for Future from November 21 - 22, 2009.

Prof. S. C. Saxena, Director, IIT Roorkee, in his presidential address reiterated that IIT Roorkee have one of the best set-up in the form of the CoEDMM which draws strength from various Departments like Civil Engg., Earthquake Engg., Earth Sciences, Architecture & Planning, Hydrology, Management Studies and others through individual expert experience to serve the country in best manner by providing engineering mitigative and management skills in reducing impact of disasters. A pioneering role taken by CoEDMM within a

very short span of its existence will strengthen the disaster mitigation programme both at regional and national level.

Padmashree Prof. A. S. Arya, Emeritus Prof. of Earthquake Engg. Deptt. of IIT Roorkee and National Seismic Advisor of Government of India, in his Guest-of-honour speech has emphasized the responsibility to safer housing for poor people especially. Issues like multi-hazards, vulnerability assessment and retrofitting, basic comfort and safety of habitats, materials, participation from specializations like metallurgists etc. came up in his deliberation.

Brigadier Manoj Kumar, Commandant of Bengal Engineering Group and Centre, Roorkee delivered his speech as the Chief Guest of the Function. He appreciated that Civil society and Army could found their common interest to work together. The experiences of Disaster and Mitigation on previous occasions would be able to meet the people's demand.

## Book Published

Dr. Binod Mishra, Asstt. Prof., Deptt. of Hum. & Social Sciences has authored a book with Dr. Sangeeta Sharma of BITS, Pilani, Rajasthan. The details of the book are as under:

Sharma, Sangeeta & Binod Mishra. Communication Skills for Engineers and Scientists. New Delhi: PHI Learning. 2009. ISBN: 978-81-203-3719-0 Pages-360, Rs. 195.00.



## सेवानिवृत्त (अप्रैल-जून 2009)

1. श्री हरपाल सिंह, वरिष्ठ परिचर, कागज प्रौद्योगिकी
2. श्री जय बहादुर, दफ्तरी ग्रेड-1, निर्माण विभाग
3. श्री महेन्द्र सिंह, टेलीफोन आपरेटर ग्रेड-1, दूर संचार केन्द्र
4. श्री महमूद हसन, वरिष्ठ परिचर, संस्थान यांत्रिक केन्द्र
5. श्री प्रेम चन्द, अधीक्षक, मिनिस्ट्रीयल
6. श्री एस. के. अग्रवाल, अधीक्षक (स्टेनो), मिनिस्ट्रीयल
7. श्री एम. एस. फारुकी, अधीक्षक, मिनिस्ट्रीयल
8. श्रीमती कमला, कनिष्ठ अधीक्षक, एकेडेमिक (पी.जी.)
9. श्री रोशन लाल, कनिष्ठ अधीक्षक, कागज प्रौद्योगिकी
10. श्री बाबू राम, वरिष्ठ फोरमैन, एम.आई.ई.डी.
11. श्री रमेश चन्द, वरिष्ठ परिचर (माली),
12. श्री साधू राम, अधीक्षक, मिनिस्ट्रीयल



**संस्थान चिकित्सालय द्वारा अन्य शहरों में स्थित विशेष चिकित्सा सुविधायें प्रदान करने वाले विभिन्न बड़े अस्पतालों के साथ किये गये एम.ओ.यू.।**

संस्थान चिकित्सालय द्वारा संस्थान के मरीजों की सुविधाओं को ध्यान में रखते हुए अन्य शहरों में स्थित विशेष चिकित्सा सुविधायें प्रदान करने वाले विभिन्न बड़े अस्पतालों के साथ एक एम.ओ.यू. साईन किया गया है। इन अस्पतालों में संस्थान के मरीज संस्थान चिकित्सालय द्वारा रैफर होने के उपरान्त अपनी चिकित्सा करवा सकते हैं। इन अस्पतालों में वे सभी मरीज जो मेडिफेयर स्कीम के अन्तर्गत आते हैं, भी चिकित्सा सुविधा प्राप्त कर सकते हैं। इन अस्पतालों द्वारा मरीजों से लिया गया शुल्क सी.जी.एच.एस. रेट्स के अनुसार होगा।

**E Summit 2009**



*Prof. J.D.Sharma with other dignitaries at Inauguration of E-Conference*

E Summit 2009 - the Entrepreneurship festival of IIT Roorkee was organized by Entrepreneurship Development Cell, under the aegis of STEP, IIT Roorkee. The 5 day event started on 15th April with a case study competition, followed by Business Quiz on 16th April. On 17th, the Elevator Pitch was organized as a prelude to the ARTH Business Plan Competition. On 18th April, E Conference - inaugurated by the Dean of Sponsored Research and Industrial Consultancy Prof. J. D. Sharma - saw some of the biggest names in Indian Industry imparting wisdom to the young students - Mr. A. K. Choudhary, MD IFCI Venture Capital Fund, Mr. Rajdeep Sahrawat, Vice President NASSCOM to name a few. Finals of the business plan competition ARTH 2009 was organized on 19th April where 8 teams from colleges and corporates alike competed in front of an elite panel of judges. Deputy Director of IIT Roorkee, Prof. H. K. Verma blessed the closing ceremony with his presence and enlightening words.

क्र. सं.	अस्पताल का नाम
1.	धर्मशिला कैंसर अस्पताल एवं रिसर्च सेन्टर, नई दिल्ली-110 006
2.	नरेन्द्र मोहन अस्पताल, मोहन नगर, गाजियाबाद (उ.प्र.)
3.	कैलाश अस्पताल एवं रिसर्च सेन्टर लि., एच-33, सेक्टर -27, नौएडा
4.	एस्कोर्ट हार्ट इन्सटीट्यूट एवं रिसर्च सेन्टर लि. ओखला रोड, नई दिल्ली- 110 025
5.	सेन्ट स्टीफन अस्पताल, तीस हजारी, दिल्ली - 110 054
6.	फादर म्यूलर चैरिटेबल इन्सटिट्यूशनस, फादर म्यूलर रोड, कंकनाडि, मैंगलौर - 575 002
7.	ए. जे. अस्पताल एवं रिसर्च सेन्टर, एन. एच. - 17, कुन्तीकना, मैंगलौर - 575 004
8.	मैट्रो मल्टी स्पेशियलिटी अस्पताल, एल.-94, सेक्टर-11, नौएडा - 201 301
9.	मैट्रो मल्टी स्पेशियलिटी अस्पताल, सेक्टर - 12, नौएडा-201301

**Forthcoming Events**

Event	Organized by	Period
Radar Remote Sensing and its Application	Electronics & Computer Engg. Deptt.	Sept. 25-26, 2009
Seminar on Research Components	Centre of Excellence in Disaster Mitigation & Management	August 22, 2009

**Events Organized**

Event	Organized by	Period
Water Resources Day	IWRS	May 09, 2009
Capacity Building of Women Managers in Higher Education	Continuing Education Centre	May 18-22, 2009

**Special Lectures Organized**

Name of Speaker	Topic	Date	Organizing Deptt./Centre
Prof. Ravi Prakash Dean (R & D) BITS, Pilani	Creating Research Hubs in Universities: Key Issues	May 19, 2009	QIP
Prof. Prita Pant Met & Mat Engg. Deptt., IIT Bombay	Dislocation Dynamics Simulation of Plastic Deformations	May 25, 2009	Met & Mat. Engg.
Dr. Manu Jaiswal Max-Planck Institute for Polymers	Structure-Property Correlation for Charge Transport in Carbon Wonderland	May 26, 2009	Physics Deptt.
Dr. Abha Misra Division of Engg. and Applied Sciences, California Institute of Technology, Pasadena, USA	Carbon Nanotube Configurations for Mechanical, Chemical and Electrical Applications	June 2, 2009	Physics Deptt.
Dr. Anuj K. Sharma ASML Netherlands, Beldhoven, Netherlands	Optical Sensors based on Surface Plasmon Resonance	June 25, 2009	Physics Deptt.



## OFFICE MEMO

**No. Dean/THOMSO-2009/787 Dated: May 02, 2009**

The following Thomso Organizing Committee (TOC) is hereby constituted to organize the Youth Festival of students THOMSO-2009 to be organized during October 30-Nov. 1, 2009:

### CONVENER

Pradeep Sharma B.Tech. E&C II Yr. Enrollment No. 70517

### MEMBERS

(i) Abhishek Kumar B.Tech. Met. II Yr. 060602  
(ii) Sahaj Kumar Singh M.Sc. Chemistry II Yr. IDD 072041  
(iii) Ms. Yamuna Dilip Phal B.Tech. Elect. II Yr. 070239  
(iv) Swaraj Singh Baghel B. Arch. II Yr. 071434  
(v) C. Karthik Vaidyanath B.Tech. Chem. II Yr. 070710  
(vi) Amandeep Singh B.Tech. Met. I Yr. 08118006  
(vii) Shikhar Gupta B.Tech. Elect. II Yr. 0702061

## NOTIFICATION

**No. Estt.(A)/384/E-4407 (JEE & GATE) Dated: May 18, 2009**

Director is pleased to appoint the following committee for GATE-2010 at IIT Roorkee

- 1- Dr. Manoj K. Arora, Professor, C.E.D. - Chairman
- 2- Dr. Satish Chandra, Professor, C.E.D. - Vice-Chairman - I
- 3- Dr. R. P. Gakkhar, Assoc. Prof., MIED - Vice-Chairman - II

### अधिसूचना

निदेशक महोदय ने भारतीय प्रौद्योगिकी संस्थान रुड़की में गेट-2010 हेतु निम्नलिखित समिति का गठन किया गया है-

1. डॉ. मनोज के. अरोड़ा, - अध्यक्ष  
प्रोफेसर, सिविल इंजीनियरी विभाग
2. डॉ. सतीश चन्द्र, - उपाध्यक्ष- I  
प्रोफेसर, सिविल इंजीनियरी विभाग
3. डॉ. आर.पी. गक्खर, - उपाध्यक्ष- II  
सह प्रोफेसर, यांत्रिकी एवं  
औद्योगिकी इंजीनियरी विभाग

**No. AR(Acad. Res.)/3333/CON-09 Dated: June 09, 2009**

It is hereby notified for the information of all concerned that the Ninth Annual Convocation of the Institute will be held on Saturday, the 14th Nov., 2009.

Further, the Director has pleased to appoint the following as Chairman and Vice-Chairman of the Convocation Committee-2009

**Prof. G. S. Srivastava - Chairman**  
Dean, Academic Studies

**Prof. H. O. Gupta - Vice-Chairman**  
Dean, Academic Research

सं० भा०प्रौ०सं०रु०/सामान्य/जी-1/एफ०आई०आर०/2009/  
4317 दिनांक: जून 04, 2009

**No. IITR/Gen./G-1/FIR/2009/4317 Dated: June 04, 2009**

सभी की जानकारी हेतु यह अधिसूचित किया जाता है कि प्राथमिकी रिपोर्ट दायर करने के सम्बन्ध में निम्नलिखित कार्य पद्धति का संस्थान में तुरन्त प्रभाव से अनुसरण किया जायेगा:

It is notified for information of all concerned that the following procedure regarding filing the **First Information Report (FIR)**, will be followed with immediate effect in the Indian Institute of Technology Roorkee:

1. आवासीय क्षेत्रों में कोई चोरी अथवा तोड़फोड़ होने की दशा में सम्बन्धित निवासी जिसकी सम्पत्ति चोरी हुई हो अथवा उसके आवासीय परिसर में तोड़-फोड़ हुई हो, सीधे स्वयं पुलिस स्टेशन, सिविल लाईन्स रुड़की में मामले की प्राथमिकी रिपोर्ट दायर करेगा और वह प्राथमिकी रिपोर्ट दायर करने के बाद पुलिस द्वारा दस्तावेज के रूप में जारी प्राथमिकी रिपोर्ट की एक प्रति संस्थान के सुरक्षा अधिकारी को देगा। सुरक्षा अधिकारी सम्बन्धित निवासियों को इन प्रकरणों जिसके सम्बन्ध में प्राथमिकी रिपोर्ट दायर हुई है, पर आगामी कार्यवाही हेतु आवश्यक सहायता प्रदान करेगा।

1. In case of any theft/break-in in the residential areas, the concerned resident whose property has been stolen/premises broken into will himself lodge the FIR directly in the Police Station, Civil Lines, Roorkee and give a copy of the FIR, which is the document that is issued by the Police after the FIR has been lodged, to the Security Officer of the Institute. The Security Office will render the necessary assistance for follow-up action to those residents in the cases where an FIR has been lodged.

2. शैक्षणिक क्षेत्रों, छात्रावास, प्रतिबन्धित क्षेत्र, चिकित्सालय, अतिथिग्रह, क्रीड़ा स्थल (आवासीय क्षेत्रों को छोड़कर) इत्यादि में कोई चोरी अथवा अन्य घटना होने की दशा में सम्बन्धित व्यक्ति जिसके नियन्त्रण में वह विभागीय सामान था जो चोरी हुआ अथवा वह व्यक्ति जिसके संज्ञान में उस क्षेत्र/विभाग का यह मामला पहले आया हो, के द्वारा औपचारिक रिपोर्ट सम्बन्धित विभागाध्यक्ष को दी जायेगी। यह रिपोर्ट सम्बन्धित विभागाध्यक्ष द्वारा अपनी टिप्पणी के साथ संलग्न प्रारूपानुसार सुरक्षा अधिकारी को अग्रसारित की जायेगी और सुरक्षा अधिकारी तत्पश्चात, एस०एच०आर० पुलिस स्टेशन, सिविल लाईन्स रुड़की को प्राथमिकी सूचना दर्ज कराने हेतु इस रिपोर्ट को संलग्न प्रारूपानुसार अग्रसारित करेगा। सम्बन्धित व्यक्ति को व्यक्तिगत रूप से प्राथमिकी रिपोर्ट दर्ज कराने हेतु पुलिस स्टेशन सिविल लाईन्स रुड़की जाना होगा। इस प्रकरण के सुलभ क्रियान्वयन हेतु सुरक्षा अनुभाग से एक निरीक्षक उसके साथ रहेगा। ऐसी उन सभी परिस्थितियों में जहाँ प्राथमिकी दर्ज कराने में कठिनाई हो तो सुरक्षा अधिकारी हस्तक्षेप कर पुलिस में प्राथमिकी दर्ज कराना सुनिश्चित करेगा। हर दशा में सुरक्षा अधिकारी इस सम्बन्ध में एक रिपोर्ट प्राफेसर प्रभारी सुरक्षा को लिखित रूप में तुरन्त देगा जिसकी एक प्रति वह कुलसचिव महोदय को भी देगा।

2. In case of any theft/any other incident in the academic area, hostels area, restricted areas, hospital, guest houses, sports ground etc (i.e. other than the residential area), the FIR will be lodged by the concerned person, to whom the stolen property belonged or in whose custody it was or who actually first came to know about the incident in that area/department/premises/place. This report will be forwarded under a covering letter, by the concerned Head of the Department with his remarks, to the Security Officer, who will in turn forward it to the SHO, Police Station, Civil Lines, Roorkee for lodging an



- FIR, as per the attached covering letter. The concerned person will have to go in person to the Police Station, Civil Lines, Roorkee to file the FIR. One Inspector from the Security Section will accompany him/her to facilitate this process. The Security Officer will invariably intervene, in all such circumstances where there is a problem in lodging the FIR, and shall ensure that same is lodged with the Police. A written report to this effect will immediately be sent by the Security Officer in all such cases, to the Professor Incharge (Security) with a copy to the Registrar.
- सुरक्षा अधिकारी इन प्रकरणों पर कार्यवाही हेतु पुलिस अधिकारियों के सम्पर्क में रहेंगे और प्रत्येक माह की प्रथम तिथि को इस सम्बन्ध में हो रही कार्यवाही से उप-निदेशक महोदय को लिखित रूप से अवगत करायेंगे। इसके लिये सुरक्षा अनुभाग में एक प्राथमिकी सूचना रिपोर्ट रजिस्टर रखा जायेगा जो कि नियमित रूप से अद्यतित किया जायेगा।
  - The Security Officer will be in touch with the police authorities in connection with the action taken by them, and shall apprise the Deputy Director of the progress of the cases, in writing, on the 1st of every month. A FIR register will be maintained in the Security Office for this purpose which shall be updated regularly.
  - सुरक्षा अधिकारी घटना स्थल पर पुलिस अधिकारियों की आगम को समन्वित करेगा जहाँ पुलिस सम्बन्धित कर्मचारी से प्रकरण की प्राथमिकी दर्ज करने हेतु सम्बन्धित बयान दर्ज करेगी। सुरक्षा अधिकारी प्रकरण को कार्यवाही हेतु आगे बढ़ायेगा और इस बात को सुनिश्चित करेगा कि दायर की गई प्राथमिकी रिपोर्ट की हस्ताक्षरित कार्बन प्रति पुलिस द्वारा सम्बन्धित व्यक्ति को जारी हुई है। इसकी एक छाया प्रति सुरक्षा कार्यालय में भी रहेगी। इसकी एक छाया प्रति पत्र के साथ कुलसचिव महोदय (सामान्य अनुभाग) में भेजी जायेगी और एक छाया प्रति पत्र के साथ सम्बन्धित विभागाध्यक्ष को भी भेजी जायेगी।
  - The Security Officer will coordinate the visit of the police officials to the site of occurrence of the event where the police may record the statements of the concerned officials in order to lodge the FIR. The Security Officer will follow up the cases with the Police Authorities, and ensure that a signed carbon copy of the FIR is issued by the police to the concerned individual. One xeroxed copy will be maintained in the Security Office. One xeroxed copy will be sent under a covering letter, to the Registrar (General Section), and one xeroxed copy will be sent under a covering letter, to the concerned Head of the Department.
  - सुरक्षा अधिकारी सम्बन्धित व्यक्ति/विभाग के कार्यों को समन्वित करते हुये जाँच प्रक्रिया में पुलिस अधिकारियों की सहायता करेगा।
  - The Security Officer will help the Police Authorities in the investigation process by coordinating their interaction with the person/department concerned.
  - आवश्यकता पड़ने पर सुरक्षा अधिकारी सम्बन्धित विभागीय कर्मचारियों के साथ एक सुरक्षा निरीक्षक को न्यायालय में भेजेगा।
  - The Security Officer will also send a Security Inspector with the concerned Department's officials to the Court, when required.

- सुरक्षा अधिकारी इन सभी प्रकरणों पर एक अन्तिम रिपोर्ट प्राप्त करेगा और सम्बन्धित व्यक्ति/अधिकारी को उपलब्ध करायेगा और इसका रिकॉर्ड 'प्राथमिकी सूचना रिपोर्ट' रजिस्टर में भी रखेगा।
- The Security Office will also collect the 'Final Report' from the Police in all cases, and shall make it available to the concerned person/authority and also make a record in the FIR register.
- किसी शंका होने की दशा में सुरक्षा अधिकारी अधोहस्ताक्षरकर्ता से प्राथमिकी रिपोर्ट सम्बन्धित प्रकरणों पर दिशा निर्देश प्राप्त कर सकता है।
- In case of any doubt the Security Officer, will seek direction from the undersigned in all FIR related cases.

उपरोक्त पहले जारी अधिसूचना सं० भा०प्रौ०सं०रू०/सामान्य/जी-1/एफआईआर/ 2002/2368 दिनांक 01 अक्टूबर, 2002 का अतिक्रमण करेगा।

The above will supersede the notification No. IITR/Gen/G-1/FIR/2002/2368 dated 1 October, 2002.

### कार्यालय ज्ञापन

कार्यालया / 2009 / के.ए.एच. दिनांक 02.07.2009

निदेशक महोदय द्वारा बुद्धवार दिनांक 23 सितम्बर व बृहस्पतिवार दिनांक 24 सितम्बर 2009 को संस्थान में 'कम्प्यूटर और हिन्दी' विषय पर एक राष्ट्रीय कार्यशाला का आयोजन किये जाने तथा इसके लिये निम्नलिखित आयोजन समिति के गठन की सहर्ष अनुमति प्रदान की गई है:-

1. प्रोफेसर एस. सी. सक्सेना, निदेशक	संरक्षक
2. प्रोफेसर इन्द्रमणि मिश्र, अध्यक्ष हिन्दी प्रकोष्ठ	अध्यक्ष
3. प्रोफेसर पदम कुमार, विभागाध्यक्ष कम्प्यूटर केन्द्र	सदस्य
4. प्रोफेसर विनोद कुमार, विद्युत इंजीनियरी विभाग	सदस्य
5. प्रोफेसर रमा भार्गव, गणित विभाग	सदस्य
6. प्रोफेसर पी. झा., मानविकी एवं सामाजिक विज्ञान वि.	सदस्य
7. डॉ. मनोज मिश्र, ई. एण्ड सी. ई. विभाग	सदस्य
8. डॉ. नागेन्द्र कुमार, प्रभारी हिन्दी प्रकोष्ठ	कोषाध्यक्ष
9. प्रोफेसर आर. सी. मित्तल, गणित विभाग	संयोजक / आयोजक सचिव

### ABN gets 100% Result in Class XII also

ABN has been getting 100 % result in class X of CBSE Exams for last four years. This year ABN has got 100% result in Class XII also. ABN is the only prestigious school of Roorkee having 100% results in X and XII both, this year with following achievements:

#### Class XII

- 70 First divisions with 29 students having more than 75% marks
- Nishant Goel Topped with 89.8% marks

#### Class X

- 82 First divisions with 46 students having more than 75% marks
- Ankita Yadav topped with 92.2% marks

Besides , Anshul Tyagi – a student of ABN has been selected in JEE – 2009.





*Faculty Hostel Complex Building Construction in progress*



*Academic Complex Construction in progress*

## The beginning of IIT Mandi (Himachal Pradesh)



*The site of IIT Mandi at Kamand*



*IIT Mandi Cell at IIT Roorkee*



*Rajendra Bhawan – the Boys Hostel for First Year students*

IIT Roorkee has been given the responsibility by the Government of India to mentor a new IIT at Mandi (Himachal Pradesh). First batch of 120 students will be admitted for IIT Mandi on July 22, 2009. Initially, the new institute will start with three B.Tech. Programme in Electrical, Mechanical and Computer Science & Engineering. The intake in each branch is 40.

For the new students, teaching will be organized at IIT Roorkee campus in the first year. They will reside in the campus in the Rajendra Bhawan (Boys Hostel) and Kasturba Bhawan (Girls Hostel). Boys will be given double seated rooms and shall be under the care of a separate Residential Warden. The new students shall be groomed with the state-of-art facilities of IIT Roorkee. Curriculum, course structure, syllabus and Rules and

Regulations for 2009-2010 academic year (1st year) are same as that of IIT Roorkee. The teaching of IIT Mandi students will be conducted by the regular faculty of IIT Roorkee. IIT Mandi students will have access to all facilities at par with students of IIT Roorkee.

The lecture classes of the new students will be held in a newly constructed room at IIT Mandi Cell which will also have a modern computer lab and a departmental library exclusively for IIT Mandi students. Tutorial and practical classes will be held in concerned departments.

The development of IIT Mandi as a world class institution has also been initiated at Kamand, about 12 km from Mandi town at a picturesque site sprawling over 530 Acres.



## Consultancy Projects

w.e.f. 26.03.2009 to 25.06.2009 (Above Rs.1.00 Lac or More)

- **Prof. Arun Kumar, AHEC, Study regarding Ganga River**, Under Secretary, National River Conservation Directorate, MoEF, Govt. of India, New Delhi, Rs. 1.25 lacs. • **Development for Sustainable Basin Planning and Decision Support System (Sindh & Tons) in Madhya Pradesh**, M/s Dolphin Technologies, 3rd Floor, East of Kailash, New Delhi, Rs. 115.57 lacs. • **Preparation of DPR of Kanher HEP (2 x 25 MW)**, Chief Engineer (Civil Project), Chhattisgarh State Power Generation Corporation Ltd., Shed No.2, Dangania, Raipur, Chhattisgarh, Rs. 32.00 lacs. • **Performance Testing of Generating Equipment at Aleo Mandi SHP (3 MW) in H.P.**, M/s Aleo Mandi Hydro Power Pvt. Ltd., B-173, Sector – 41, Noida, Rs. 1.50 lacs.
- **Dr. M.P. Sharma, AHEC, Comparative Study between MBBR and SBR technology for proposed S.T.P.**, Bhakra Beas Management Board, Talwara Township, District Hosiarpur, Rs. 1.50 lacs.
- **Er. M. K. Singhal, AHEC, Revision of DPR for Construction of 2.00 MW Chakshi HEP in Distt. Kullu (HP)**, M/s Puri Oil Mills Ltd., 302 Jyoti Shikar, 8, District Centre, Janak Puri, New Delhi, Rs. 1.50 lacs.
- **Dr. S. N. Singh, AHEC, Soil Resistivity Measurement for power house area at Parbat-III HEP(4 x 130 MW) in district Kullu, Himachal Pradesh**, Bharat Heavy Electrical Limited, Mumbai, Rs. 1.46 lacs.
- **Dr. A. A. Kazmi, CED, Third Party Quality Check Work under Yamuna Action Plan (YAP-II)-Part-III**, Project Manager, Yamuna Pollution Control Unit, Agra, Rs. 1.78 lacs. • **Water Quality Modeling of Alaknanda River – Vishnugad Pipalkoti Hydro Electric Project**, Consulting Engineering Services, Nehru Place, Delhi, Rs. 2.00 lacs. • **Vetting of Estimates & Design of Ranny Well – 9 for water supply, Noida, Noida Development Authority, Noida**, Rs. 3.05 lacs. • **Design Check for 3 mid STP at Swargashram, Rishikesh**, Project Manager, Ganga Pollution Control Unit, Haridwar, Rs. 1.50 lacs. • **Third Party Quality Check Work under Yamuna Action Plan (YAP-11) Part-IV (Site Visit)**, Project Manager, Yamuna Pollution Control Unit Agra, Rs. 1.50 lacs. • **Vetting of Process and Hydraulic Design and Drawings of 25 MLD, 33 MLD and 35 MLD STPs in Noida**, HNB Engineers Limited, Pune, Rs. 21.69 lacs. • **DPR Evaluation of 15 mld STP for Vasant Kunj, Lucknow**, Lucknow Development Authority, Lucknow, Rs. 7.05 lacs. • **Third Party Quality Check Work under Yamuna Action Plan (YAP-II)-Part-V (Site Visit)**, Project Manager, Yamuna Pollution Control Unit, Agra, Rs. 1.50 lacs.
- **Dr. G. L. Asawa, CED, Hydraulic & Structural Design of Weiro and Irrigation Canals**, Coastal Andhra Power Ltd., Kovur Mandal, Rs. 3.25 lacs.
- **Dr. N. M. Bhandari, CED, Analytical Investigation of Fire damaged building at BHEL, BHEL, Haridwar**, Rs. 3.25 lacs. • **Proof Checking of Structural Design of Mukerian Flyover**, National Highway Authority of India, Jalandhar, Rs. 9.85 lacs. • **Vetting / Checking of Structural Design of Proposed Administrative Building at SVBP University, Meerut**, Project Manager, U.P. Jal Nigam, Meerut, Rs. 5.85 lacs. • **NDT on Column of Light Foundry in CFFP, BHEL, Haridwar**, Rs. 2.29 lacs. • **NDT & Core Testing on fire damaged building at BHEL Haridwar, BHEL, Haridwar**, Rs. 2.75 lacs.
- **Dr. P. K. Garg, CED, Topographical Survey at Devprayag**, C.B.R.I. Roorkee, Rs. 1.81 lacs. • **Contour Mapping Work of Landslide at Chamoli – Koshimath Road**, CBRI, Roorkee, Rs. 2.27 lacs.
- **Prof. V. K. Gupta, CED, Vetting of Structural Design of Proposed Residential Complex, “SATYA VILLEDE” at NH 58, Ghaziabad**, Optimum Design Pvt. Ltd., Consulting Engineer, Ghaziabad, Rs. 1.00 lac. • **Structural Vetting of Mall/Multiplexin Integrated City Maharauli Ghaziabad**, Sri V. D. Sharma, M/s Optimum Design Pvt. Ltd., Ghaziabad, Rs. 3.50 lacs. • **Design & Drawing of Meghchappar distributory Saharanpur**, Sri Deep Chand, Executive Engineer, Apar Khand, Eastern Yamuna Canal, Saharanpur, Rs. 3.10 lacs. • **Structural Vetting of Housing Complex at Prem Nagar Dehradun**, Optimum Design Pvt. Ltd., Vasundhara, Ghaziabad, Rs. 1.50 lacs.
- **Dr. A. K. Jain, CED, Proof Checking of Hospital Building**, Gherzi Eastern Ltd., New Delhi, Rs. 3.40 lacs. • **Design of Building of CRPF and ICADR, New Delhi, S.E., C.P.W.D., New Delhi**, Rs. 16.80 lacs. UPV Testing of Chimney, Gammon India Ltd., Jharli Haryana, Rs. 1.00 lac.
- **Dr. Satish Chandra, CED, Design of job mix formula for Bituminous Mixes**, 1. Manager, Tehri Hydro Development Corp. Ltd., Tehri Garhwal, 2. E. E. PWD, Roorkee, 3. E. E. PWD, Ghaziabad, 4. Indian Institute of Petroleum, Dehradun, Rs. 2.20 lacs.
- **Dr. Parveen Kumar, CED, Overlay Design for Delhi-Yamnotri Road, Saharanpur**, Executive Engineer, PWD, Construction Div., Saharanpur, Rs. 1.54 lacs. • **CBR and MDD Design for PMGSY Roads of Muzaffarnagar and Rampur**, Executive Engineer, RES, Muzaffarnagar and Executive Engineer, RES, Rampur, Rs. 3.18 lacs. • **CBR and MDD Design for PMGSY Roads of Rampur Phase VIII**, Executive Engineer, RES, Rampur, Rs. 1.89 lacs.
- **Dr. Kamal Jain, CED, Topographical Survey of Upper Dam Seat Area, Malshej Ghat PSP**, DGM, MG&H PSPs, Navi Mumbai, Rs. 6.50 lacs.
- **Dr. A. D. Pandey, CED, 2D Analysis of Jamrani Dam, Jamrani Dam Cons. Div. Damuadhunga (Kathgodam) Dist. Nainital**, Rs. 4.70 lacs.
- **Dr. Y. Singh, EQD, Vetting of Structural Design of Professor's Apartments, IIT New Delhi**, Privitech Consulting Engineers (P) Ltd., Noida, Rs. 1.35 lacs.



- **Dr. Ashwani Kumar, EQD, *Site Specific Design Earthquake Parameters Study for Sainj HEP, Himachal Pradesh***, Himachal Pradesh Power Corporation Ltd., Distt. Kullu (HP), Rs. 5.09 lacs. • ***Site Specific Seismic Design Parameters for Kashang HEP (243 MW)***, Himachal Pradesh Power Corporation Limited, Rs. 5.09 lacs. • ***Site Specific Design Earthquake Parameters Study for Bajoli Holi Hydroelectric Project (H.P.)***, SNC-LAVALIN Engineering India Pvt. Ltd., New Delhi, Rs. 5.00 lacs. • ***Site Specific Seismic Study for Talcher TPS Expansion (2x660 MW)***, NTPC Limited, Noida, Rs. 5.00 lacs. • ***Site Seismic Study for Singrauli Super Thermal Power Project (Stage-III) (1x500MW)***, NTPC Limited, Noida, Rs. 5.00 lacs. • ***Site Specific design EQ parameter studies for Sissiri H.E. Project in Arunachal Pradesh***, Soma Sissiri Hydro Private Limited (SPV), New Delhi, Rs. 5.00 lacs. • ***Site Specific Design Earthquake Parameters Study for Pauk West Siang HEP Project in Arunachal Pradesh***, Velcan Energy, New Delhi, Rs. 5.00 lacs. • ***Site Specific Seismic Design Parameters for Naying Hydro Electric Power Project (1000 MW) in West Siang Distt. of Arunachal Pradesh***, Naying DSC Power Ltd., New Delhi, Rs. 5.00 lacs. • ***Site Specific Design Earthquake Parameters Study for Kudgi Super Thermal Power Project (400 MW) at Bijapur Distt. of Karnataka***, NTPC Ltd., New Delhi, Rs. 5.00 lacs.
- **Dr. M. A. Iqbal, CED, *Proof Checking of Multi Storied Buildings***, Millenium Real Estate Developers Pvt. Ltd., Jalandhar, Rs. 1.50 lacs.
- **Dr. S. Mittal, CED, *Design of Flood Control Structures***, SIDCUL Dehradun, Rs. 2.00 lacs.
- **Dr. Satish Chandra, CED, *Design of Intersections in Rishikesh***, Executive Engineer, Temp Division, PWD, Rishikesh, Rs. 1.50 lacs. • ***Design of job mix formula for WMM/BM/SDBC and Mastic***, 1. PWD, Ghaziabad 2. PWD, Badkot 3. PWD, Moradabad 4. PWD, Amoha 5. PWD Thatyur 6. NTPC, Gautam Budh Nagar, Rs. 2.20 lacs. • ***Quality Check during resurfacing of BHEL, Roads***, Mr. S.B. Pandey, Senior Manager, BHEL, Hardwar, Rs. 1.00 lac. • ***Traffic Management Plan for Ambuja Plant at Suli and Rauri***, Ambuja Cement Ltd., Rs. 3.82 lacs. • ***Post Construction Tests on BM Layers***, PWD, Hardwar, Rs. 1.08 lacs. • ***Post Construction Tests on NH – 72, NH Division PWD***, Roorkee, Rs. 1.00 lac.
- **Dr. Z. Ahmad, CED, *Vetting of Design of Desilting Tank for NCR***, EXN, Construction Division 23, Panipat, Rs. 2.70 lacs. • ***Hydraulic Design of Storm Water Drainage in SIDCUL, Pantnagar***, Executive Engineer, Project Unit (SIDCUL) PWD, Pantnagar, Rs. 2.25 lacs. • ***C.W. Sump Model Studies for Pragati 1500 MW***, B. Raj Kumar, AGM / Engg. & Tech. (Pumps), BHEL, Hyderabad, 7.50 lacs.
- **Dr. Vipul Prakash, CED, *Design of 18 M Span RCC Bridge of 5.5 M Roadway***, Ex. Engineer, Provincial Division, PWD, New Delhi, Rs. 1.20 lacs.
- **Dr. S. S. Jain, CED, *Quality Assurance Work for Bituminous Roads in Ghaziabad Nagar Nigam***, Ghaziabad Nagar Nigam, Rs. 5.00 lacs. • ***Quality Assurance of Bituminous Roads under GDA Ghaziabad***, Ghaziabad Development Authority, Ghaziabad, Rs. 7.16 lacs. • ***Design of Job Formula for Strengthening of Roads***, 1. E..E., Ghaziabad Nagar Nigam, Ghaziabad 2. E.E., PWD, Badaun 3. E. E., PWD, Baghpat 4. PWD, Ghaziabad 5. Asstt. Engr. GDA, Ghaziabad 6. Proj. Engr. (Airport) Rites Ltd., Moradabad 7. E.E.PWD, Moradabad, Rs. 5.43 lacs. • ***Design of Flexible & Rigid Pavements***, Executive Engineer, P.W.D., Saharanpur / Executive Engineer, P.W.D. Khatima, Rs. 2.64 lacs. • ***Estimation of Traffic for Toll Assessment at Km 102***, Executive Engineer, PWD, Baghpat, Rs. 1.00 lacs. • ***Resurfacing on Internal Roads of President Estate, New Delhi***, Executive Engineer, PED, New Delhi, Rs. 2.24 lacs. • ***Design of Job Formula for Roads and Airports***, 1. Ind. Dev. Authority, Noida 2. PWD, Aligarh 3. PWD, Banda 4. Irrigation Const. Div., Ghaziabad 5. PWD, Haldwani 6. GDA Ghaziabad 7. PWD Kanpur 8. RITES Ltd., Gugaon 9. PWD, Budaun 10. PWD, Bijnor 11. PWD Sitapur, Rs. 6.41 lacs. • ***Design of Job Formula for Bihar State Roads under RSVY Project***, 1. E.E., CPWD, SASARAM 2. A.E.E., CPWD, Motihari 3. E.E., CPWD, Motihari, Rs. 3.22 lacs. • ***Quality Assurance and Evaluation of Bituminous Layers of Road in Ghaziabad***, G. D. A. Ghaziabad, Rs. 3.82 lacs.
- **Dr. M. Parida, CED, *Field and Laboratory Study for Quality Assurance of Forest Roads***, Ex. Director (NR&E) EPI, New Delhi, Rs. 6.22 lacs.
- **Dr. D. K. Paul, EQD, *Stability Analysis of Concrete Dam of Bunakha HEP in Bhutan***, Tehri Hydro Development Corporation Ltd., Rishikesh, Rs. 14.51 lacs.
- **Dr. P. K. Jain, MIED, *Establishing Pre-heat time and development of nozzles for reducing pre-heat time while using Bharat Metal Cutting Gas***, Bharat Petroleum Corporation Limited, Mumbai, Rs. 12.20 lacs.
- **Dr. R. P. Saini, AHEC, *Performance Testing of Serlui SHP Station (2x250 + 1x500 kW)***, Distt. Aizawl, Mizoram, Executive Engineer, P&E, Generation Division, Central Block, P&E office Complex, Aizawal, Rs. 3.00 lacs.
- **Dr. Umesh Kumar Sharma, CED, *Proof Checking of Design of R. O. B., P.W.D.***, Rs. 2.50 lacs.
- **Dr. U. C. Kothyari, CED, *Hydraulic / Hydrological Investigation of Patna Drive Way***, IL & FS Infrastructure Development Corp. Ltd., New Delhi, Rs. 15.28 lacs. • ***C-Ualue Test for Pipes***, Electrotherm India Ltd., Kutch (Gujarat), Rs. 1.00 lac. • ***Conducting of Silt / Sediment analysis of upper Ganga canal***



- **water at Palra**, Agra Water Supply (Ganga Jal) Project, NJS Consultants, Agra, Rs. 6.50 lacs.
- **Dr. Rajat Rastogi**, CED, **Design of Job Mix formula for Gurgaon, Mohali, Roorkee, Hapur and Narela**, 1. Shell Sulphure Solutions, Gurgaon 2. Greater Mohali Area Development Authority Mohali 3. Exe. En. PWD, Roorkee 4. UP State Bridge Corp., Hapur 5. Exe. En. ND 4/DDA, Narela, Rs. 1.82 lacs.
- **Dr. S. Mukherjee**, EQD, **Geotechnical Investigations at Wind Anchor Block Location of Dobra-Chanti H.M.V. Suspension Bridge**, Executive Engineer, Construction Division, PWD, New Tehri, Uttarakhand, Rs. 6.00 lacs.
- **Dr. R. N. Dubey**, EQD, **Evaluation of Structural Drawings for Jodhpur AIIMS**, Mathur & Kapre Associates Pvt. Ltd., New Delhi, Rs. 1.00 lac.
- **Dr. N. K. Goel**, HYD, **Ground Water Study in Shabajpur Area**, Jubilant Organosys Ltd., Noida, Rs. 5.00 lacs.
- **Dr. D. Das**, WRD&M, **EIA Studies for Sobla-I SHP**, General Manager, Uttarakhand Jal Vidyut Nigam Ltd., Dehradun, Rs. 8.10 lacs.
- **Dr. Ram Pal Singh**, WRD&M, **Structural Design of Baijnath Barrage Dist. Bageshwar**, S.E., I.C.C. Almora (Uttarakhand), Rs. 6.00 lacs. Studies on Regulation Operation & Maintenance of UGC, Engineer in Chief, U.P. Irrigation Department, Rs. 6.00 lacs.
- **Dr. M. L. Kansal**, WRD&M, **Basin Study for Bichom Basin**, WAPCOS Limited, Gurgaon, Rs. 6.30 lacs. • **Basin Study for Lohit Basin**, WAPCOS Limited, Gurgaon, Rs. 6.30 lacs.

## Sponsored Research Projects

w.e.f. 26.03.2009 to 25.06.2009 (Above 5.00 Lac or More)

- **Dr. Sugata Gangopadhyay**, Asstt. Prof., Mathematics Deptt., **Security Evaluation and Design of Components and Cryptographic Primitives for RFID and Sensor networks**, DST, New Delhi, Rs. 29.28 lacs.
- **Dr. P. Jeevanandam**, Asstt. Prof., Chemistry Deptt., **Size and Shape Effects in Magnetic Nanoparticles**, CSIR, New Delhi, Rs. 16.76 lacs.
- **Dr. Dharam Dutt**, Assoc. Prof., Deptt. of Paper Technology, **Performance Evaluation of Lignin Recovery Process (LRP) including Effluent Treatment System and its impact in Achieving Discharge Standards in Agro-based Pulp and Paper Industry**, CPCB, Delhi, Rs. 12.00 lacs.
- **Dr. Jaydev Sharma**, Prof., Electrical Engg. Deptt., **Development of open source simulation packages equivalent to MATLAB, ORCAD facilities for e-learning**, MHRD, New Delhi, Rs. 1000.00 lacs.
- **Dr. H. K. Verma**, Prof., Electrical Engg. Deptt., **Prototype development and deployment of VSAT-based mobile e-learning terminals**, MHRD, New Delhi, Rs. 300.00 lacs.
- **Dr. Deepak Khare**, Asstt. Professor, WRD&M, **Conjunctive Use Planning of Water Resources Considering Spatial Variation in Cropping Pattern Using Remote Sensing and GIS**, Ministry of Water Resources, New Delhi, Rs. 23.83 lacs.
- **Head Chemistry**, **FIST Program**, DST, New Delhi, Rs. 145.00 lacs.
- **Head WRD&M**, **FIST Program**, DST, New Delhi, Rs. 135.00 lacs.
- **Dr. G. D. Varma**, Asstt. Professor, Physics Department, **Growth and investigation of a new non-cuprate high temperature superconductor**, DST, New Delhi, Rs. 25.34 lacs.
- **Dr. Subrata Ray**, Professor, Met. & Mat. Engg. Department, **Studies on the atomic arrangements and bonding in doped (alloyed) and intercalated carbon nanotubes, graphite and composites**, DST, New Delhi, Rs. 5.88 lacs.
- **Dr. N. P. Pathak**, ECD, **Design and Development of Bandpass Filter for Software Defined Radio (SDR)**, Defence Electronics Application Laboratory (DEAL), DRDO, Dehradun, Rs. 8.61 lacs.
- **Dr. Anil Kumar Sharma**, Asstt. Professor, Management Studies Department, **Venture Capital : Life-support source for development of innovative technologies, products and services – (A study of trend and progress of venture capital in India)**, Department of Scientific & Industrial Research (DSIR), New Delhi, Rs. 6.00 lacs.
- **Dr. S. Dasgupta**, Asstt. Professor, **E & C Engg. Deptt., FinFET based nanoscale SRAM Cell Design for ultra Low Power Applications**, DST, New Delhi, Rs. 14.40 lacs.
- **Dr. Subrata Ray**, Professor, Met. & Mat. Engg. Deptt., **Nano-Composites Materials for clean energy : Energy Generation, Storage, Saving and Safety**, DST, New Delhi, Rs. 40.85 lacs.
- **Dr. Ramesh Chandra**, Assoc. Professor, **Institute Instrumentation Centre, Fabrication of Optically Transparent Hard Nano Structured Coatings and Hydrophobic Coatings on Glass Substrates**, DRDO, New Delhi, Rs. 28.75 lacs.
- **Dr. M. L. Sharma**, Professor, Earthquake Engg. Department, **Shear Wave Velocity profiling in NCT Delhi using MASW technique**, Ministry of Earth Sciences, New Delhi, Rs. 50.00 lacs.
- **Dr. Vinod Kumar**, Professor, Electrical Engg. Deptt., **Virtual Labs**, MHRD, New Delhi, Rs. 75.00 lacs.
- **Dr. K. R. Justin Thomas**, Asstt. Prof., Chemistry, **Synthesis and Characterization of Organic Dyes for Dye-Sensitized Solar Cells**, BASF, Rs. 19.50 lacs.
- **Dr. Pushparaj Mani Pathak**, Asstt. Professor, Mech. & Ind. Engg. Deptt., **Modelling, Simulation and Control of Space Robots**, ISRO, Bangalore, Rs. 5.92 lacs.
- **Dr. Bikash Mohanti**, Coordinator, Educational Technology Cell, **NPTTEL Programme Phase-II**, MHRD, New Delhi, Rs. 58.00 lacs.
- **Dr. Padam Kumar**, Professor, **Institute Computer Centre, Development of Open Sources LMS with ERP**, MHRD, New Delhi, Rs. 20.00 lacs.



- Dr. Nagendra Kumar, Deptt. Of Humanities & Social Sciences, presented a paper on "Time, Love and Aging: Interplay of Emotions in Gabriel Garcia Marquez's Love in the Time of Cholera", Gerontology International Synthesis Conference: Youth is a Gift-Age is an Art, organized by Andhra University, Visakhapatnam from March 12-15, 2009,
- Dr. Anindya J. Mishra, Lecturer, Deptt. of Humanities and Social Sciences presented:
  - a paper co-authored by Dr. Sujata Kar and Ms. Ritu Tayal entitled "International Perspective of Indian Leadership" in the International Conference on Asian Business Management Practices: People, Strategies, and Evolutions Organized by: Indian Institute of Management (IIM) Lucknow, NOIDA Campus and The Japan Foundation on March 19-21, 2009.
  - a paper entitled "Disengagement or Re-engagement: A Study of Old Age Homes in Orissa" in the Gerontology International Synthesis Conference, 2009, Organized by: Nippon Care-Fit Service Association-Japan & AU-NCSA Center for Gerontology India, Andhra University held from March 12-14, 2009.
- Prof. Praveen Kumar, Civil Engineering Department attended:
  - Rural Roads Committee (H-5) Meeting of Indian Roads Congress held in New Delhi on April 20, 2009.
  - a Workshop on Asset Management on April 28, 2009 at Hyderabad. He presented an invited paper "Asset Management of Rural Roads-Need & Present Status".
  - National Executive Committee Meeting of PMGSY on June 29 at NRRDA Head Quarters, New Delhi. He attended the Committee Meeting of PMGSY to Monitor the Monitors on June 30, 2009, at New Delhi. He also Chaired the Selection Committee Meeting as Vice Chancellor Nominee at B I T Meerut on July 1 and 7, 2009.
- Dr. Jayanta Kumar Ghosh, Asstt. Prof., Deptt. of Civil Engg.
  - participated in the 'GAMIT/GLOBK Advanced Users' Workshop', during March 7-10, 2009 held at CSIR Centre for Mathematical Modelling and Computer Simulation (C-MMACS) Bangalore, India.
  - attended National Conference on " Geomatics and Impact of Climate change with specific reference to Mountain Eco-system", during February 4-6, 2009 held at Dehradun and presented a paper, "A Knowledge Based System for Assessment of Impact of Landslide on Population of a region in Uttarakhand."
  - attended International Conference: FIG Working Week 2009 on "Surveyors Key Role in Accelerated Development' Eliat, Israel, during May 3-8, 2009 and presented a paper "GEOWARNS: A System to Warn Geo-deformation Failure" on May 6, 2009.

BHOR is an initiative taken by the students of Department of Management Studies, IIT Roorkee for encouraging, motivating and helping the children of Roorkee School for the Deaf, located in the Institute campus.

The team organized an Inter School Art Competition called 'BHOR' (also the name of the team) on 18th of April, 2009, in the premises of IIT Roorkee for the children from various schools of Roorkee. The event was sponsored by State Bank of India, IIT Roorkee. Proposals for participation were sent to a number of reputed schools in Roorkee. The participating schools and number of their students were as follows:

Name of the School	No. of students in the Junior group	No. of students in the Senior group	of Total No. of students
Roorkee School for Deaf	8	8	16
Army Public School	16	20	36
Kendra Vidyalaya -II	14	11	25
ABN Senior Sec. School	17	21	38
Total Participants	55	60	115

The children of the Roorkee School for the Deaf are excellent in area of art and crafts as if the Almighty has blessed these children with this talent and have also won awards. Also these children make beautiful greeting cards, designs of which are comparable to those made by professionals.

## STEP

Entrepreneurship Development Cell (EDC) of STEP, IIT Roorkee organized a Startup Job Fair in NSIT, Delhi on April 25, 2009. The aim of the event was to provide young students of NSIT, Delhi and IIT Roorkee an opportunity to take up internships and jobs in startup companies where they can come closer to the entrepreneurial environment and work culture. 5 startups recruited students for internship and jobs. The startups were Cell Strat, iTasveer, Lead Invent, Guavus & Techbuddy Consulting.

**ईश्वर में विश्वास ही सभी शक्तियों का स्रोत है।**

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### Editorial Board :

**Prof. Surendra Kumar** Ph. : 285270 e-mail : deanfap\_p@iitr.ernet.in  
**Prof. S.P. Gupta** Ph. : 285231 e-mail : spgfee@iitr.ernet.in  
**Prof. Ravi Bhushan** Ph. : 285795 e-mail : rbushfcy@iitr.ernet.in  
**Prof. Praveen Kumar** Ph. : 285470 e-mail : pkaerfce@iitr.ernet.in  
 IIT Roorkee (For internal circulation only)

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