

भारत रत्न डॉ. बी.आर.अम्बेडकर जन्म दिवस समारोह

भारतीय प्रौद्योगिकी संस्थान रुड़की डॉ. बी.आर.अम्बेडकर प्रगतिशील विचार मंच द्वारा 14 अप्रैल को भारत रत्न, डॉ. अम्बेडकर की 120 वीं जयंती के अवसर पर संस्थान के सीनेट हॉल में एक समारोह का आयोजन किया गया। डॉ. बी.आर.अम्बेडकर प्रगतिशील विचार मंच के संरक्षक एवं संस्थान के निदेशक प्रोफेसर एस.सी.सक्सैना इस समारोह के अध्यक्ष थे।

निदेशक सहित संस्थान के डीन्स, प्रोफेसरों, अधिकारियों, कर्मचारियों तथा छात्र-छात्राओं ने बाबा साहब के चित्र पर पुष्प अर्पित कर उन्हें श्रद्धांजलि दी।

डॉ. बी.आर.अम्बेडकर प्रगतिशील विचार मंच के अध्यक्ष एवं डीन छात्र कल्याण प्रोफेसर एन.के.गोयल ने उपस्थित जन समुदाय को विचार मंच के उद्देश्यों एवं कार्यकलापों से अवगत कराया।

समारोह में बोलते हुये संस्थान के निदेशक प्रोफेसर एस.सी.सक्सैना ने कहा कि बाबा साहब को हम भारत की उन महान विभूतियों में से एक कह सकते हैं जिन्होंने अपने विचारों एवं कर्मों के द्वारा समय-समय पर असत के घोर अंधकार को मिटाकर सत के शाश्वत मार्ग को प्रकाशित व प्रशस्त किया है। निदेशक ने कहा कि डॉ. अम्बेडकर ने मानवता के धर्म को उजागर किया उनकी समस्त तार्किकता और बुद्धिवाद का प्रमुख लक्ष्य एक ऐसे मानव समाज का निर्माण करना था जिसमें किसी के प्रति भी किसी तरह के भेदभाव के लिये कोई स्थान न हो। विशेष रूप से दलितों, पिछड़ों, आदिवासियों तथा औरतों को समाज में समानता व सम्मान का उँचा स्थान मिले। निदेशक ने कहा कि बाबा साहब का संघर्ष सभी लोगों के लिये स्वतंत्रता, समानता और भाईचारे के एक उच्च आदर्श से प्रेरित संघर्ष था। जो कि मानवता का एक मूल व पहला सिद्धांत भी है और शायद यही कारण है कि उनके आंदोलन का समाज पर इतना व्यापक और दूरगामी प्रभाव हुआ।

निदेशक ने कहा कि बाबा साहब के विचार जितने उनके समय में प्रासंगिक थे उतने ही आज भी हैं और न केवल दलितों के लिये ही बल्कि समाज के सभी वर्गों के लिये समान रूप से उपयोगी हैं। उन्होंने कहा कि आज के दिन का महत्व तभी है जब हम बाबा साहब के बताए हुये रास्ते पर चलें तथा समाज से जातिगत भेदभाव को मिटाने के उनके स्वप्न को पूरा करने के लिये तत्पर रहें।

समारोह में डॉ. अम्बेडकर के संबंध में अपने विचार व्यक्त करते हुये संस्थान के सहारनपुर परिसर के डीन प्रोफेसर इन्द्रमणि मिश्र ने संविधान सभा में दिये गये डॉ. अम्बेडकर के अत्यंत विद्वतापूर्ण व्याख्यान की विशेषताओं का उल्लेख किया। संविधान के निर्माण में बाबा साहब की सूझ-बूझ तथा व्यापक दृष्टिकोण को भी प्रोफेसर मिश्र ने उजागर किया।

समारोह के अन्य वक्ता, संस्थान के हिन्दी प्रकोष्ठ के प्रभारी डॉ. नागेन्द्र कुमार ने कहा कि डॉ. भीमराव अम्बेडकर ने देश में परिवर्तन का उस समय जो बीजारोपण किया था वह आज वृक्ष बन चुका है। उन्होंने बाबा साहब को मानव की मानव से बराबरी हेतु संघर्ष करने वाला एक महामानव बताया।

संस्थान कर्मचारी श्री एस.के.सिसोदिया, श्री बाबूराम संस्थान छात्र मामलों की परिषद की महासचिव छात्रा कुमारी भवजोत कौर, बी.टैक. सिविल के चतुर्थ वर्ष के छात्र श्री नवनीत कुमार तथा पी. एच.डी. गणित की छात्रा कु. स्मिता ने भी समारोह में अपने विचार रखे।

डॉ. बी.आर.अम्बेडकर प्रगतिशील विचार मंच के संयोजक डॉ. पी.बेरा ने औपचारिक धन्यवाद ज्ञापन प्रस्तुत किया।

बधाई

- रुड़की विश्वविद्यालय (अब भारतीय प्रौद्योगिकी संस्थान रुड़की) के पूर्व छात्र श्री विष्णु पी. दास को भारत सरकार ने राष्ट्रीय भवन निर्माण निगम (एन.बी.सी.सी.) का अध्यक्ष एवं प्रबंध निदेशक नियुक्त किया है। अगस्त 2006 से श्री दास एन.बी.सी.सी. के निदेशक (परियोजना) के पद पर कार्यरत थे तथा सितम्बर 2010 में रिक्त हुये उसके अध्यक्ष एवं प्रबंध निदेशक के पद का कार्य भार भी देख रहे थे।
- भारतीय प्रौद्योगिकी संस्थान रुड़की के एक अन्य एलुमनि श्री अंशुमन शर्मा ने निदेशक (परियोजन नियोजन) डैडीकेटेड फ्रेट कॉरीडोर कॉरपोरेशन ऑफ इंडिया लिमिटेड का कार्यभार ग्रहण किया है। इससे पूर्व श्री शर्मा इरकॉन के महाप्रबंधक के रूप में जम्मू-कश्मीर में नयी रेलवे लाइन बिछाने का कार्य संभाले हुये थे।



News From Department of Architecture and Planning

Students' Achievements:

1. A team of 4th year B.Arch students, IIT Roorkee- Mr.Puneet Bijarania, Mr.Rishabh Hajela and Mr.Sandeep Sharma have received The Special Recognition prize in the north zone for their design entry (International Convention Centre in Navi Mumbai) in Transparence 2010, an annual national level design competition organised by ETHOS.
Also, the department of Architecture and Planning, IIT Roorkee has received Transparence 2010 commendation certificate to acknowledge their efforts in introducing the competition as a studio project and in sending the maximum number of entries.
2. The IIT Roorkee architecture students' team received the top position (entry- the UTOPIAN CITY) in the ANDC'10 at the Annual NASA Convention held in Hubli in January 2011.



3. Mr. Shreyank Vyavahare, B.Arch(IV), IIT Roorkee was elected as the President of NASA (National Association of Students of Architecture) by representatives of over 100 colleges at the Annual Convention of NASA held in Hubli from 19th to 22nd January 2011. Shreyank who earlier served as the Vice-President is the first student from IIT Roorkee, Deptt. Of Architecture to have been elected as the President in fifty years' of NASA's history.



4. Ms.Bulbul Saraf, B.Arch(IV), IIT Roorkee received the 2nd prize (among 100+ entries) in the Yuva Ratna Competition (category- Global Information Centre for Indian Crafts) organised by the Birla White Group.

5. Ms.Cashmira Pramanik of 4th year B.Arch, IIT Roorkee was selected as Kairos Global fellow 2011 and was invited to be part of the Kairos Global Summit 2011 held in February in New York, USA. The Kairos Society is an international not-for-profit foundation based in the United States. The Kairos Global Summit 2011 had selected 350 of the most innovative & entrepreneurial students from the United States, China, India and Europe to meet 150 of the world's most influential & globally impactful leaders. Over the course of two days, these current & future world leaders gathered at the United Nations & New York Stock Exchange to explore humanity's most pressing challenges, develop sustainable & entrepreneurial solutions to these problems, and unveil fifty of the most innovative student startups that are working to change the world.

QIP Sponsored workshop "Japan Multi Disaster: Earthquake, Tsunami, Fire and Nuclear Radiation" during 26-27 March, 2011



The Centre of Excellence in Disaster Mitigation and Management (CoEDMM) at Indian Institute of Technology Roorkee has organized a two-days workshop on "Japan Multi Disaster : Earthquake, Tsunami, Fire and Nuclear Radiation" held during 26-27th March 2011. The programme was sponsored by Quality Improvement Program (QIP), IIT Roorkee.

More than 25 participants attended the workshop. Dr. A.S. Arya was the Chief Guest at the inaugural function and delivered the inaugural talk. Dr. O.P. Mishra, Head, Geological Disaster Division, SAARC Disaster Management Centre, New Delhi presented "The first 3-D Seismic Tomography beneath the NE Japan Forearc region and its implications for the rupture nucleation of the Great Megathrust Tsunami-genic earthquake 9Mw8.9)". Prof. D.K. Paul, Head-CoEDMM, Dr. Piyush Rautela, TA Coordinator, DMMC Uttarakhand Secretariat, Dehradun Prof. M.L. Sharma, Prof, Manoj Arora, Prof. Ashok Kumar and Dr. Mahua Mukherjee were also present. The research scholars of the Centre also presented their research work.



A Training Programme on "Environment health and safety management in process industries"



Prof. S. C. Saxena, along with Mr. H. S. Ramesh, Mr. Narain Lal, Prof. Bikas Mohanty and Dr. I.D. Mall

A Training Programme on "Environment health and safety management in process industries" Sponsored by Central Pollution Control Board New Delhi was organised during January 25-29, 2011 by Prof. I.D. Mall, Department of Chemical Engineering. It was attended by Pollution Control Board Officers and Engineers from Industries. Dr. S. C. Saxena, Director, IIT Roorkee was the Chief Guest at Inaugural function; and Dr. R. D. Singh, Director, National Institute of Hydrology, Roorkee was the Chief Guest at the Valedictory function. Mr. H. S. Ramesh, Director (Technical), Zuari Cement, Italcementi Group (CTG), Bangalore was Guest of Honor in the Inaugural Function and Mr. Narain Lal, GM & Head Environment, ONGC presided over the Inaugural Function. Prof. P.K. Bhattacharya, IIT Kanpur; Mr. D.K. Karwal, Chief Manager, EHS, IOCL; Mr. A.K. Sharma, AGM (HSE), BHEL, Haridwar; Mr. N.K. Pal, BIS, New Delhi ; Mr. A.K. Chkravarty, Assitant Director, Regional Labour Institute, Kanpur; Dr. M.A. Siddiqui, Former Executive Director, BPCL R&D Centre Noida; Mr. N.P. Rao, AGM (EHS) IFFCO, Aonla; Mr. N.K. Verma, Former Director CPCB & CEO, UPL Environmental Engineers Ltd.; Faculties of the Department of Chemical Engineering, IIT Roorkee, etc. delivered the invited talks to the participants.

Short-Term course on "Cleaner Technology"



Prof. S. C. Saxena, along with Dr. B.R. Bakshi, Prof. I.M. Mishra, Dr. I.D. Mall

Department of Chemical Engineering organized a three-day short-term course on "Cleaner Technology" sponsored by Central Pollution Control Board New Delhi during February 23-25, 2011. The course was attended by officers of various stages from Central and State Pollution Control Boards and industries. Dr. S.C. Saxena, Director, IIT Roorkee was the Chief Guest at Inaugural function; Dr. B.R. Bakshi, Vice Chancellor, TERI University was the Guest of Honor in the Inaugural Function. Dr. S. J. Chopra, Chancellor, UPES, Dehradun was the chief guest at the valedictory function. Prof. S.N. Upadhyay, Director, Institute of Technology, Banaras Hindu University presided over the valedictory function. Mrs. Laxmi ragupathy, Former Director, MoEF New Delhi; Mr. N. K. Verma, Former Director CPCB & CEO, UPL, Environmental Engineers Ltd.; Dr. P.K. Bajpai, Dean of Research and Sponsored Projects, Thapar University; Dr. R. P. Verma, Former Ex. Director, IOCL (R&D) Centre & Consultant (R&D) HPCL and various faculty members from the Department of Chemical Engineering, IIT Roorkee delivered the invited talks on the relevant topics to the participants.

ACHIEVEMENT



"Shri Anand K. Yadav (First from left) at the Medal Distribution Ceremony"

Sh. Anand K. Yadav, Sr. Attendant, E & CE, IIT Roorkee and part-time coach of Taekwondo (HEC, -IITR) won Bronze Medal in the 5th Commonwealth Taekwondo Championships 2011 held at J. N. Multipurpose Indoor Stadium, Chennai, India during 28th-31st January 2011. The event was organized by Taekwondo Federation of India under the banner of World Taekwondo Federation. He was a member of the Bronze medal winning Indian team in the Master's category (Poomsae Event), which saw participants from 13 countries.



1963 Batch visits Roorkee Campus

14 alumni of 1963 Batch visited IIT Roorkee on 4-6 March, 2011 for a social get-together at their alma-mater.

The Group visited Departments of Electrical, Mechanical & Industrial and Civil Engineering and had meetings with respective HoDs on 4th March. They had a meeting with the Director Prof. SC Saxena on 5th March at NC Nigam House. Prof Saxena explained to them how the Institute had expanded from their times and the challenges met to continue the traditions of excellence. The Group visited the campus including the Mahatama Gandhi Central Library and Roorkee School for the Deaf, a social initiative of IIT Roorkee. Mr. VK Bansal gave a very educative talk to the Group on *Mudravigyan - A key to good health without medicine* at the conference room of NC Nigam House, which was greatly appreciated.

The Group also made donations of Rs. 3.5 lacs (Rs. 50,000/- cash by the Group + Rs. 50,000/- by Mrs. & Mr. Govind Kotecha + Rs. 50,000/- by Mrs. & Mr. AM Khokha + Rs. 1.0 Lac by Mr. Pradeep Mehra + Rs. 1.00 Lac by Mr. BM Vaish) to Roorkee School for the Deaf to lend support to the laudable efforts of the faculty and management in raising educational and training facilities in this unique school. We are deeply touched by this act of our alumni in joining the efforts being made by the Institute towards Community service.

DONATION RECEIVED FROM ALUMNI OF 1960 BATCH DURING OCT. 2010-JAN. 2011

The Alumni of this Institution have been contributing to the welfare of our students by sending donations to the Institute Welfare Fund. Recently donations have been received as under.

S. No.	Name of the Donor	Amount (Rs.)	Date of receipt
1.	Shri Purushottam Goel, Portland USA, 1996 batch Alumnus	5,000.00	9.3.2011
2.	Shri Subhash Kumar Mahendru, Michigan, USA, 1960 batch Alumnus	25,000.00	15.3.2011
3.	Shri Krishna Iqbal Chaudhry, Aundh, Pune 1960 batch Alumnus	11,000.00	22.3.2011

The Institute appreciates their gesture and profoundly thank them for the same.

The National Training Programme on "Sustainable Building Services Design to Mitigate Anthropogenic Hazards"



The Centre of Excellence in Disaster Mitigation and Management (CoEDMM) at Indian Institute of Technology Roorkee has organized a Two-days Training Programme on "Sustainable Building Services Design to Mitigate Anthropogenic Hazards" held between 26-27th February 2011. The programme was sponsored by Ministry of New & Renewable Energy (Gol), New Delhi. Six Speakers from TERI (The Energy and Resource Institute) and professional Consultants delivered the lectures to the trainee.

More than 32 participants attended the National Training Programme representing the following Institutions like Vastu Kala Academy College of Architecture, New Delhi; Integral University, Lucknow; Jaypee University of Information Technology, Solan; Graphic Era, Dehradun; Gautam Buddh Technical, Meerut; Central University of Jharkhand, Ranchi and Indian Institute of Technology Roorkee.

The content of this training programme primarily involved the understanding of sustainable design strategies of building services to deal with anthropogenic hazards and was planned as a capacity building program of the professionals to mitigate anthropogenic hazards.



Participation in Conferences / Workshops / Seminars / Symposiums

- Prof. Renu Rastogi, Humanities and Social Sciences participated in the conference of the International Journal of Arts and Sciences, at Rosen College of Hospitality, Orlando, at University of Central Florida, USA and presented the paper titled, "Organizational Citizenship Behavior: Towards Psychological Well-Being of Employees", March 21-24, 2011.
- Dr. Pooja Garg, Assistant Professor, Humanities and Social Sciences participated in the conference of the International Journal of Arts and Sciences at Rosen College of Hospitality, Orlando, at University of Central Florida, USA and presented the paper titled "Organizational Justice: Antecedent of Organizational Citizenship Behaviors", March 21 -24, 2011.
- Dr. Millie Pant, Assistant Professor, DPT, IIT Roorkee visited Liverpool Hope University, UK as a visiting faculty under an international research collaboration.
- Dr. Nishi Kant Bhardwaj, Assistant Professor, Department of Paper Technology, attended the 2nd International Conference on Environmental Science and Technology held in Singapore during February 26-28, 2011 and presented a paper on 'Photocatalytic Oxidation of Elemental Chlorine Free Bleaching Effluent with UV/TiO₂'. He also acted as a Session Chairman for session-14 during the conference.
- Prof Praveen Kumar of Civil Engineering Department presented a key note paper "Advanced Traveller Information System for Jaipur City", in National Workshop on Road Infrastructure & Traffic Planning in Jaipur City, held at Jaipur on Jan 29, 2011.
- Prof Praveen Kumar, CED presented an invited paper "Improving Efficiency of Transport System with Advanced Traveler Information System (ATIS)", in the International Conference on Intelligent Transport Systems (India), held at Radisson Hotel, New Delhi on Feb 22, 2011.
- Dr. I.D. Mall, Prof. & Head, Department of Chemical Engineering attended the WITS (Water, Innovation, Technology and Sustainability) Conference held at the FAAP University, Sao Paulo, Brazil during March 17-19, 2011. He presented a paper entitled 'Life cycle assessment and its role in sustainable development of pulp and paper industry'.
- Dr. V.C. Srivastava, Assistant Professor, Department of Chemical Engineering attended the WITS (Water, Innovation, Technology and Sustainability) Conference held at the FAAP University, Sao Paulo, Brazil during March 17-19, 2011. He presented a paper entitled 'Equilibrium modelling of binary adsorption of nitrophenol and hydroquinone'.
- Prof. Rajendra Prasad, Professor, Electrical Engineering Department delivered a plenary talk on "Reduced Order Modelling in Control Engineering", at the National Conference on Emerging Trends in Control, Communication and Computer Science (ET3CS 11) held at Vedanta College of Engineering and Technology, Bundi, on March 26, 2011.
- Dr. Rajendra Prasad, Professor EED and Santosh R. Desai, Research scholar, EED jointly presented a paper entitled "Generating Stable Reduced Order Models via Balanced Truncation Technique", at the National Conference on Emerging Trends in Control, Communication and Computer Science (ET3CS 11) held at Vedanta College of Engineering and Technology, Bundi, on March 26, 2011.
- Dr. Rajendra Prasad, Professor EED and Himanshu Chaudhary, Research scholar, EED jointly presented a paper entitled "Interactive Servo Control System Identification", at the National Conference on Emerging Trends in Control, Communication and Computer Science (ET3CS 11) held at Vedanta College of Engineering and Technology, Bundi, on March 26, 2011.
- Dr. Apurbba Kumar Sharma, Assistant Professor in the Mechanical and Industrial Engineering Department has presented the research paper entitled "Investigation on Sliding i Wear Performance of WC10Co2Ni Cladding Developed Through Microwave Irradiation" in The 18th International Conference on Wear of Materials (WOM 2011) held during April 3 -7, 2011 at Sheraton Society Hill, Philadelphia, United States of America.
- Dr. G.S. Srivastava, Professor, Dept. of Mathematics attended the National Seminar on Advances in Complex Analysis and Special Functions organized by the Central University of Rajasthan, Kishangarh (Ajmer) during March 12-13, 2011. Prof. Srivastava delivered an invited talk on A STUDY OF GROWTH OF BASIC SERIES REPRESENTED BY CLIFFORD VALUED FUNCTIONS. He also chaired a technical session.



Consultancy Projects

w.e.f. 26.2.2010 to 25.4.2011 (Above Rs.1.00 lac or More)

- **Dr. Arun Kumar, AHEC, Preparation of DPR for Kaladhungi Barrage on River Bour**, Superintending Engineer, Irrigation Works Circle, Nainital, Rs. 7.62 lacs.
 - **Performance testing of Palor-1 SHP (2 x 1500 MW) at Village Lana Palor, Tehsil:Renukaji at Sangrah, Dist. Sirmour (H.P.)**, M/s Manglam Energy Dev. Co. Pvt. Ltd., 605, Ansal Bhawan, 16 K.G. Marg, New Delhi-01, Rs. 6 lacs.
 - **Performance Testing of Manjanadka SHP (2 x 5 MW) in Bhagamandala Taluk Karnataka**, Bhoruka Power Corp. Ltd., 48, Lavelle Road, Bangalore, Rs. 10.00 lacs.
- **Dr. R.P. Saini, AHEC, Performance testing of Kesari SHP (1 x 2.5 MW) at Village Dhom - Balkwadi District Satara in Maharashtra**, Rs. 6 lacs.
 - **Performance testing of Dhom SHP (4 MW) at Village Dhom - Balkwadi District Satara in Maharashtra**, M/s Vishwaj Energy Pvt. Ltd., Opp. BMC College, Agarkar Road, Shivajinagar, Pune, Rs. 6 lacs.
 - **Performance Testing of Karjan SHP (2 x 1500 KW) in Gujarat**, M/s Oreva Energy Pvt. Ltd. (Formerly KKHPPL), 1 Floor, Sumel-2, Gandhinagar, Gujarat, Rs. 6.00 lacs.
- **Dr. S.K. Singal, AHEC, Vetting of DNIT of Mini Hydro Project Gurdittiwala in Punjab**, M/s Punjab Gence Ltd., Solar Passive Complex, Plot No. 12, Sector 33-D, Chandigarh, Rs. 2.50 lacs.
- **Dr. M.A. Iqbal, CED, Proof Checking of the Capacity of Columns to Take Additional Loads due to Two Canopies**, Design Tech., Panchkula, Rs. 1.50 lacs.
 - **Proof Checking of the Structural Design for a Proposed Hotel Building at Jalandhar with Approximate Covered Area 90000 sq. feet**, Spantech Civil & Structural Engg. Consultants, Jalandhar, Rs. 1.58 lac.
- **Dr. U.C. Kothyari, CED, Hydraulic design of bridge on Ganga near Ara, Bihar**, Bihar Rajya Pul Nirman Nigam Ltd., Patna (Bihar), Rs. 15 lacs.
- **Dr. Umesh Kumar Sharma, CED, Vetting of Structural Design of Bridges**, Mahashiv Design and Consultancy Services, Lucknow, Rs. 4.5 lacs.
- **Dr. P.K. Gupta, CED, Vetting of Estimates of the Quantities of Materials of Bridge**, Deputy Project Manager, U.P. Bridge Corporation, Ghaziabad, Rs. 3.32 lacs.
- **Dr. V. K. Gupta, CED, Structural Vetting of Proposed Tower on Khasra No.240 M Village Morta, Pargana Loni, Ghaziabad**, Optimum Design Pvt. Ltd., Ghaziabad, Rs. 1.50 lacs.
 - **Quality audit of 3000 KL UGT at Sector 1 on Vashali, Ghaziabad**, Sri V.K. Tyagi, G.D.A. Ghaziabad, Rs. 2 lacs.
 - **Vetting of Group Housing on Khasra No. 407 & 408 Village Kanawani, Indirapuram extension, Ghaziabad**, Optimum Design Pvt. Ltd., Vasundhara, Ghaziabad, Rs. 2.25 lacs.
- **Dr. A.K. Jain, CED, Proof Checking of Communication Towers - 30 m**, TA Infrastructure Projects Ltd. (TAIPL), Hyderabad, Rs. 1.50 lacs.
 - **Site Visit to 150 m TV Tower for rehabilitation**, Chief Engineer, AIR & Doordarshan, Mumbai, Rs. 1.5 lac.
 - **Proof Checking of Design of Jammu Flyover**, Project Manager, J&K Economic Reconstruction Agency, Jammu, Rs. 20.5 lacs.
- **Dr. S. Mittal, CED, Plate Load Tests for Wind Anchors**, PWD, New Tehri, Rs. 2 lacs.
 - **Stability Analysis of Ash Dykes**, Panipat Thermal Power Station, Panipat, 1.6 lac.
 - **Soil Investigation for Raising of ASH Ponds**, Deenbandhu Chhotu Ram Thermal Power Project, Yamunanagar, Rs. 9.93 lacs.
- **Dr. Mahendra Singh, CED, Geotechnical Investigations for above ground petroleum product tanks, Jhansi**, Bharat Petroleum Corp. Ltd., LPG Botting plant, Village: Ambabai, Jhansi, Rs. 3.50 lacs.
- **Dr. N. Puri, CED, Wind Tunnel Studies of Bridge across River Chenab at Ganpat Doda in J&K**, Deputy General Manager, JPCC Ltd., Unit 9th, Doda, Rs. 7.5 lacs.
- **Dr. M. Parida, CED, Testing of Semi Dense Bituminous Concrete (SDBC) Layer**, Executive Engineer, Construction Division, PWD Ramnagar, Nainital, Rs. 4.5 lacs.
 - **Proof Checking of Estimate for Construction of Noida-Greater Noida Link Road near Sector 122 as per Ultimate Section**, Chief Project Engineer, NOIDA, U.P., Rs. 5.37 lacs.
- **Dr. Vipul Prakash, CED, Structural Design of 30 M Span Steel Girder Bridge**, Ex. Engr., Provincial Division, PWD, Dehradun, Rs. 1.5 lac.
- **Dr. A. Chakrabarti, CED, Proof Checking of Structural Design and Drawings of Kopili Bridge**, Mr. D. Chaudhary, Tulip Consultancy Services, New Delhi, Rs. 1 lac.
- **Dr. A.A. Kazmi, CED, Upgradation of STP,s in Ludhiana : Pilot Scale Studies**, Punjab Water Supply & Sewerage Board, Ludhiana, Rs. 9 lacs.
- **Dr. A.K. Ahuja, CED, Wind Tunnel Study on the Model of Residential Tower Building at Mumbai**, M/s Jogindra Exports Ltd., Mumbai, Rs. 4.5 lacs.
- **Dr. M.N. Viladkar, CED, Geotechnical Investigation for Proposed OHT, AGO complex, Dehradun**, CPWD, Dehradun, Rs. 1.5 lac.
- **Dr. I. M. Mishra, Chem Engg., Wet Air Oxidation Unit of HMEL**, Engineers India Ltd., Haryana, Rs. 4.5 lacs.
- **Dr. Vivek Kumar, DPT, Assessment of Ground Water Quality**, M/s Ganga Foundation, Moradabad, Rs. 1.5 lacs.
- **Dr. R. P. Maheshwari, EED, Soil Resistivity Measurement for Tapovan Vishnugad HEP Site**, BHEL, Bombay, Rs. 1.95 lac.
- **Dr. H.R. Wason, EQD, Setting up of Seismological Stations for Lower Saing H.E. Project in Arunachal Pradesh-Phase-II Studies**, Jaypee Ventures Pvt. Ltd.,



Yamuna Expressway Office, Sector-128, Noida, Rs. 3.00 lacs. ● **Site Specific Design Earthquake Parameters for Seli HEP located across river Chenab in district Lahul & Spiti, Himachal Pradesh**, Seli Hydro Electric Power Company Ltd., 419/1-B, Sector-3, Phase-2, New Shimla, Himachal Pradesh, Rs. 8.00 lacs.

- **Dr. M.L. Sharma, EQD, Seismic hazard assessment for an upcoming ATC Tower at New Delhi**, Delhi International Airport Limited, New Udaan Bhawan, Opposite Terminal-3, Indian Gandhi International Airport, New Delhi, Rs. 8.00 lacs.
- **Dr. Y. Singh, EQD, Vetting of Structural Design of Proposed ATC Tower at New Delhi**, Delhi International Airport Ltd., New Udaan Bhawan Opposite Terminal 3, Indira Gandhi International Airport, New Delhi, Rs. 15.00 lacs.
- **Dr. D.K. Paul, EQD, Conducting Lateral Dynamic Load Test at Dahej Coal Fired Power Project**, Adani Power Dahej Ltd., 5th Floor (A-Wing), Sambhav Building, Judges Bungalow Road, Bodakdev, Ahmedabad, Rs. 10.00 lacs.
- **Dr. Ashok Kumar, EQD, Strong Motion Network Around Tehri Region**, THDC, Rishikesh, Uttarakhand, Rs. 10.00 lacs.
- **Dr. Ashwani Kumar, EQD, Seismological Network Around Tehri Region**, THDC, Rishikesh, Uttarakhand, Rs. 39.00 lacs.
- **Dr. R. Anbalagan, ESD, Slope Stabilization in ITBP Complex, Mahidanda**, CPWD, Srinagar, Rs. 1.00 lac. ● **Evaluation of Hydro Projects for Environmental Impacts**, Harsil Hydro Ltd., Kanpur, Rs. 1.80 lac. ● **Study of Landslide Hazards – Project area, Sikkim**, M/s Lachung Hydro Power Pvt. Ltd., Noida, Rs. 16.00 lacs.
- **Dr. D.S. Arya, HYD, Validation of Hydro-Meteorological data of SEW sites**, Sew Nafra Power Corporation Ltd., Hyderabad, Rs. 5 lacs.
- **Dr. Manoj K. Jain, HYD, Integrated Infrastructure & Urban Planning of Luangprabang District of Lao PDR**, National Land Management Authority, Vientiane Capital City, Lao PDR, Rs. 14.70 lacs.
- **Dr. Satish C. Sharma, MIED, Inspection of Ropeway System at Kempty Fall, Mussorie**, M/s Neena Contractors & Builders Pvt. Ltd., Dehradun, Rs. 1.00 lac. ● **Inspection of Ropeway System at Gun Hill Point Mussorie**, M/s Shail Shikhar Associates, Mussorie, Rs. 1.00 lac.
- **Dr. R.P. Gakkhar, MIED, Design Vetting of To & Fro Aerial Cableways 300m to 600 m long**, Him Cableways 57, Industrial Area Phase-II Chandigarh, Rs. 1.00 lac.
- **Dr. U.C. Chaube, WRDM, Development of Teaching Scheme for Course on Inland Waterways Development**, National Inland Navigation Institute, Patna, Rs. 4.9 lacs.
- **Dr. M.L. Kansal, WRDM, Vetting of Surge Analysis for 14 KM Rising Main from Ismailpur to Ambala City**, Public Health Engg. Division, Ambala City, Rs. 1.1 lac.
- **Dr. S.K. Mishra, WRDM, Stage I studies for safe passage of Kaushalya river water and protection measure**, Mr. Rakesh Verma, Sr. G.M., DLF Homes, Panchkula Pvt. Ltd., Chandigarh, Rs. 1.5 lac.

Sponsored Research Projects

w.e.f. 26.02.2010 to 25.04.2010 (Above Rs. 5.00 Lac or More)

- **Dr. Partha Roy**, Assistant Professor, Biotechnology Department, **Environmental chemicals and their impact on thyroid function: An in vitro and in vivo approach to identify them and understand their mode of action**, Department of Biotechnology, New Delhi, Rs. 32.36 lacs.
- **Dr. R. N. Goyal**, Professor, Chemistry Department, **Development of Voltammetric Sensors Based on Nanomaterials for Determination of Antibiotics in Biological Fluids and Effluents of Pharmaceutical Industries**, CSIR, New Delhi, Rs. 14.66 lacs
- **Dr. A. A. Kazmi**, Assoc. Professor, Civil Engg. Department, **Development of Effective Decentralized Sewage Treatment System for Rural Communities**, Ministry of Rural Development, Department of Drinking Water & Sanitation, New Delhi, Rs. 14.45 lacs.
- **Dr. Mohd. Ashraf Iqbal**, Assistant Professor, Civil Engg. Department, **Experimental and Numerical Investigations of the Ballistic Resistance of Ductile Targets Subjected to Oblique Impact by Sharp Nosed Projectiles**, DRDO, New Delhi, Rs. 23.02 lacs.
- **Dr. U. C. Kothiyari**, Professor, Civil Engg. Department, **Erosion of Clay-Sand-Silt Gravel Mixture**, Ministry of Water Resources, New Delhi, Rs. 31.45 lacs.
- **Dr. Ashok Kumar**, Professor, Earthquake Engg. Department, **Strong Ground Motion Studies and its Applications**, Ministry of Earth Sciences, New Delhi, Rs. 164.79 lacs.
- **Dr. S.P. Singh**, Professor, Humanities & Social Sciences Department, **Impacts of Investment on Watershed Projects**, National Institute of Rural Development (NIRD), Hyderabad, Rs. 25 lacs.
- **Dr. R. Balasubramanian**, Asstt. Professor, Mathematics Department, **Digital Watermarking for Rightful Ownership and Copyright Protection**, CSIR, New Delhi, Rs. 10.92 lacs.
- **Dr. P. K. Jain**, Professor, Mech. & Ind. Engg. Deptt., **Experimental Investigation on Machining of Ti-6Al-4V Alloy**, CSIR, New Delhi, Rs. 20.66 lacs.
- **Dr. Ravi Kumar**, Professor, Mech. & Ind. Engg. Department, **Enhancement of Heat Transfer during Condensation of Ozone State Refrigerants over Single Horizontal Integral-Fin Tubes**, DST, New Delhi, Rs. 19.50 lacs.
- **Dr. V. Dabhade**, Asstt. Professor, Met. & Mat. Engg. Department, **Creep resistant ODS steels through powder forging**, Department of Atomic Energy, BARC, Mumbai, Rs. 76.22 lacs
- **Dr. G.P. Chaudhari**, Assistant Professor Met. & Mat. Engg. Department, **Ultra Refined Plain Carbon Dual Phase Steels Developed Using Innovative Thermo - Mechanical Processing Technique**, DST, New Delhi, Rs. 6.38 lacs.
- **Dr. Vipul Rastogi**, Asstt. Professor, Physics Department, **Innovative Light Extraction Technology for White OLEDs**, Ministry of Communications & Information Technology, Deptt. of Information Technology New Delhi, Rs. 62.75 lacs.
- **Dr. Nayan Sharma**, Professor, WRD&M Department, **Experimental Study of Jack Jetty and Porcupine System of River Training**, Ministry of Water Resources, New Delhi, Rs. 29.35 lacs.



Honours and Awards

- The research paper "The Effect of Vegetation on Sediment Transport by Channel Flows" by Kothyari U.C., Hashimoto, H. and Hayashi, K. published in Journal of Hydraulic Research (JHR-Taylor and Frances), Vol 47 (6), pp700-710 is selected for Schoemaker Award by the International Association of Hydro-Environmental Engineering and Research (IAHR). The Schoemaker Award is the IAHR Award devoted to judge the most outstanding paper published in the JHR. The above paper has been selected by the Awards Committee and the IAHR Council among all the papers published in JHR in the period 2009-2010. The award shall be given to Dr. U. C. Kothyari during the opening ceremony of the IAHR World Congress to be held in Brisbane, Australia in June-2011.
- Prof. D. C. Singhal, Department of Hydrology has been conferred a Life Time Achievement Award with VARAH MIHIR SAMMAN (2010-11) by South Asian Association of Economic Geologists (SAAEG) during the National Seminar on 'Water and Environment' held in Bhopal on 12-13 March, 2011.
- Dr. D.K. Paul, Professor, Department of Earthquake Engineering has been nominated as Chairman of Earthquake Engineering Sectional Committee, CED 39 by Civil Engineering Council, Bureau of Indian Standards (BIS), New Delhi.
- Dr. D.K. Paul, Professor, Department of Earthquake Engineering received the Construction Industry Development Council (CIDC) Vishwakarma Award 2011 for the category Academician/ Technologist/ scientist/ innovator upon the recommendation of the jury at India Habitat Centre, New Delhi on March 7, 2011.
- Sh. Yogendra Singh, Librarian has been nominated as a member of the Governing Board, INFLIBNET Centre (an Inter University Centre of University Grants Commission) Ahmedabad w.e.f. 8th April, 2011.
- Sh. Yogendra Singh, Librarian was a Guest of Honour and keynote speaker at the National Conference on "Enhancing User's Satisfaction through I. T. Application in Libraries" during 23-24 April, 2011 at Department of Library and Information Science, Teerthanker Mahaveer University, Moradabad. He also chaired the 1st technical session. Title of the key note address was "Challenges before the information professionals in 21st century".
- Department of Chemical Engineering, IIT Roorkee has been ranked 1st among all the Chemical Engineering Departments in India, 7th in Asia and in the top 50 in the World by 'QS World Engineering Rankings'.

A TWO DAY DST SPONSORED WORKSHOP



A two day DST sponsored workshop was organized by Metallurgical and Materials Engineering Department on Application of Thermomechanical Simulator in Advanced Materials Research on 4th -5th February 2011. The inauguration of the workshop was held on Friday 4th February 2011 at 10AM in Department seminar hall. Honorable Director Prof. S.C.Saxena was the Chief Guest of the function and Prof. J.D.Sharma, Dean, SRIC being Guest of Honour addressed the gathering. Gleeble 3800 simulator was procured under FIST programme of DST at the cost of five crores. IIT Roorkee is the only academic institute which has this facility. The work shop with 40 participants from industry, academics has actively participated. The technical session followed by demonstration of Gleeble 3800 has well accommodated for two days of the workshop. The technical sessions by Dr.Vinod Kumar RDCIS, SAIL, Ranchi, Prof. S.K. Nath of MMED, IITR, Mr. Suyash Nadkarni, Mr. S.Patra, IITKharagpur and Prof. P.K.Ghosh IITR, has delivered lectures on various topics and followed by interaction session along with demonstration of Gleeble 3800.

Retirement (March-April 2011)

- 1- Sri P.K. Patel, Assoc. Prof., Arch. & Plng
- 2- Sri L.D. Joshi, Jr. Tech. Supdt., Tele Ex.
- 3- Sri Subhash Chandra, Sr. Attdt., Central Library
- 4- Sri Shyambeer, Jr. Attdt. (Peon), D.D. Office
- 5- Sri Hari Parsad, Sr. Attdt. (Mali), Sports Assoc.
- 6- Smt. Bhagirathi, Jr. Attdt. (Mali), Estate & Works
- 7- Sri S.S. Thakur, Sr. Tech. Supdt. DPT

हमें सरल होना चाहिए, परन्तु मूर्ख नहीं।

Matter for **Samvaad** may be sent at samvaad@iitr.ernet.in
Samvaad can also be seen at www.iitr.ernet.in

Editorial Board :

Prof. Pradeep Kumar Ph. : 285270 e-mail : deanfap_p@iitr.ernet.in
Prof. Surendra Kumar Ph. : 285255 e-mail : dpgsr@iitr.ernet.in
Prof. Praveen Kumar Ph. : 285470 e-mail : pkaerfce@iitr.ernet.in
IIT Roorkee (For internal circulation only)

Designer & Printer :

Jain Printing Press, RKE Ph. : 262722, 269999 Mob. : 9837506234

