

Sponsored Research Projects

w.e.f. 26.01.2009 to 25.03.2009

(Above 5.00 Lac or More)

Dr. Pradeep Bhargava, Prof., Civil Engg. Deptt., **Fire Resistance and Repair of Earthquake Damaged Structures**, UKIERI, Edinburgh Research and Innovation Ltd., The University of Edinburgh, Scotland, Rs. 33.36 lacs.

Dr. P. K. Sahoo, Assoc. Prof., Mech. & Ind. Engg. Deptt., **Experimental investigation of thermal hydraulic behaviour of a single PHWR Debris**, BRNS, Mumbai, Rs. 9.98 lacs. **Experimental investigation of the Debris Bed Heatup for PHWR**, DAE, Mumbai, Rs. 38.52 lacs.

Dr. P. K. Gupta, Asstt. Prof., Civil Engg. Deptt., **Improvement of Earthquake Resistance Capacity of Circular Columns**, Building Materials & Technology Promotion Council, New Delhi, Rs. 11.60 lacs.

Dr. Amalendu Patnaik, Asstt. Prof., E & C Engg. Deptt., **Development of Healing System for Failed Antenna Array using Evolutionary Computational Techniques**, DRDO, New Delhi, Rs. 39.39

Dr. Renu Bhargava, Prof., Civil Engg. Deptt., **Planning, Designing and Implementation of solid Waste Management System in a Hilly-Towns, Pauri (Uttarakhand)**, CPCB Delhi, Rs. 12.00 lacs.

Dr. S. P. Singh, Prof., Humanities & Social Sciences Deptt., **Review of Systems and Processes and Impact Assessment of NREGA in the State of Uttarakhand**, UNDP, New Delhi, Rs. 7.59 lacs.

Dr. Arun Kumar, Head AHEC, **Electrification/illumination of all villages along the State border of Arunachal Pradesh** "Strengthening of Project Execution Unit", Ministry of New and Renewable Energy, New Delhi, Rs. 5.00 lacs.

Dr. Naveen Kumar Navani, Asstt. Prof., Biotechnology Deptt., **Detection and Mitigation of Dairy Pathogens and Detection of Adulterants using Chemical Biology**, Indian Council of Agricultural Research, National Agricultural Innovation Project (NAIP), New Delhi, Rs. 271.47 lacs.

Dr. Rajan Arora, Asstt. Prof., DPT, **Propagation of shock waves in Reactive Hydrodynamic media**, SERC Fast Track Scheme for Young Scientists, Rs. 2.00 lacs.

Head, Civil Engg. Deptt., **FIST Program**, DST-FIST, New Delhi, Rs. 299.00 lacs.

Dr. Gajanan Chaudhari, Asstt. Prof., Met. & Mat. Engg. Deptt., **Ultrasonic Processing of Magnesium alloy melts**, DST, New Delhi, Rs. 23.53 lacs.

Dr. Rajesh Srivastava, Prof., Physics Deptt., **Plasma Based Study of Electron Impact Excitation of Atomic Systems**, CSIR, New Delhi, Rs. 10.76 lacs.

Dr. R. Balasubramanian, Asstt. Prof., Mathematics Deptt., **BOYSCAST Fellowship "Computational Aspects of Geometry and Algebra"**, DST, New Delhi, Rs. 5.02 lacs.

Dr. Dharmendra Singh, Assoc. Prof., E & C Engg. Deptt., **An Advancement of Space Technology to Provide Valuable Information for Development of Agricultural Information System**, DST, New Delhi, Rs. 33.47 lacs.

Dr. Premananda Bera, Asstt. Prof., Mathematics Deptt., **Instability Mechanism of Thermo-Solutal Forced Convection in a Fluid Saturated Porous Medium Channel with Isothermal and Isoflux Boundaries**, CSIR, New Delhi, Rs. 10.76 lacs.

Dr. Kamal, Asstt. Prof., Earth Sciences Deptt., **Geophysical Investigation for Possible Implications of Solani Knee-Bend in Himalayan Tectonics**, CSIR, New Delhi, Rs. 8.76 lacs.

Dr. Ashwani Kumar Sharma, Asstt. Prof., Biotechnology Deptt., **Structure Function Studies of a Trypsin Inhibitor Purified from Seeds of Putranjiva roxburghii**, CSIR, New Delhi, Rs. 14.26 lacs.

Dr. Neelesh Kumar Jain, Asstt. Prof., Mech. & Ind. Engg. Deptt., **Experimental Investigation and Performance Optimization of Higg Precision Finishing of Gears by Electro Chemical Honing (ECH) Process**, CSIR, New Delhi, Rs. 18.76 lacs.

Events Organized

Event	Organized by	Date
Annual Athletic Meet 2008-09	Institute Sports Council	Feb. 21-23, 2009
RAVE' 09 The Socio Cultural Festival	Deptt. of Paper Technology	Feb. 27-March 1, 2009
Srishti 2009-All India Techno Hobby Exhibition	Hobbies Club	Feb. 27-March 1, 2009
Ashesh Memorial Quiz Competition 2009	Mathematics Deptt.	March 4, 2009
Foreign Students' Day	IIT Roorkee	March 18, 2009
Cognizance 2009 Annual Technical Festival of IIT Roorkee	IIT Roorkee	March 20-22, 2009
Jigyasa' 09 A National Level Paper Presentation Contest on "New Global Financial Structure- Once the Dust Settles Down"	Deptt. of Management Studies	March 28, 2009
Housing and Disaster Mitigation Efforts in India: Case-Studies	Disaster Mitigation & Management Centre	April 18, 2009

असफलता सफलता की पहली सीढ़ी है ।

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IIT Roorkee (For internal circulation only)

Designer & Printer :

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

संवाद

भारतीय प्रौद्योगिकी संस्थान रुड़की

Samvaad

Indian Institute of Technology Roorkee

निर्गम 60 (अंक 2) मार्च-अप्रैल, 2009

Vol. 60 (No.2) March-April, 2009

Foundation Stone of Indian Institute of Technology, Mandi Laid at Kamand, Mandi, Himachal Pradesh



(R to L) Hon'ble Chief Minister Prof. Prem Kumar Dhumal, Prof. S. C. Saxena and Prof. S. Ray lighting the ceremonial lamp

L to R: Shri Anand Sharma, Prof. Prem Kumar Dhumal and Sri Narinder Bragta

Prof. S. C. Saxena, greeting Shri Ashok Thakur (extreme right), Additional Secretary, MHRD

On Tuesday, February 24, 2009, the foundation stone of Indian Institute of Technology, Mandi was laid by Sri Anand Sharma, Hon'ble Union Minister of State of External Affairs and Information and Broadcasting, in the august presence of Prof. Prem Kumar Dhumal, the Chief Minister of Himachal Pradesh, Smt. Vidya Stokes, the leader of opposition, Himachal Pradesh Assembly, Sri Narinder Bragta, Minister, Technical Education, Himachal Pradesh, Sri Gulab Singh, Minister, PWD, Himachal Pradesh, Sri Kaul Singh Thakur, M.L.A., Drang Constituency, Himachal Pradesh and Sri Ashok Thakur, Additional Secretary, Union Ministry of Human Resource Development. The Director of the mentor institute, IIT Roorkee, Prof. S. C. Saxena, who is also the Director IIT Mandi, has conducted the proceedings of the foundation stone laying ceremony, which was anchored by Prof. I. M. Mishra, Dean of Saharanpur Campus. Inspite of difficulty in access to Kamand, which is in a remote valley surrounded by mountains all around, the ceremony was attended by about 6,000 people. Prof. Gopal Chauhan, Emeritus Professor WRD&M, organized the ceremony there on behalf of Institute.

Sri Anand Sharma in his address to the gathering emphasized the efforts put in by him and other leaders in the sanction of IIT, Mandi as one of the eight new IITs being set up in the country by Ministry of Human Resource Development, Govt. of India. He also expressed hope that IIT Mandi will open up opportunities for receiving quality technical education in the State of Himachal Pradesh. Prof. Dhumal expressed his confidence that IIT Mandi will evolve to become a premier institution in the country and will make significant contribution to the development

of the State following the example of its mentor institution, IIT Roorkee. Smt. Vidya Stokes thanked the Union Government for giving this gift to the people of Himachal, who will derive its benefit in due course. Mr. Kaul Singh Thakur told the gathering that IIT Mandi will trigger development in Kamand and surrounding places, which he is representing in the Himachal Assembly. Prof. S. C. Saxena, Director, IIT Roorkee, thanked all the dignitaries present for gracing the occasion and promised to spare no efforts to develop IIT Mandi to the level required to attain international reputation and standard. On this occasion Mementos were presented to all the dignitaries.

अधि सूचना

सं० भा.प्रौ.सं./एम.एस.-4/बी.ओ.जी.(सी)/2579

दिनांक 20 अप्रैल 2009

श्री जय प्रकाश गौड़, अध्यक्ष, अभिशासक परिषद, भारतीय प्रौद्योगिकी संस्थान रुड़की द्वारा त्यागपत्र दिये जाने के फलस्वरूप, भारत की राष्ट्रपति ने भारतीय प्रौद्योगिकी संस्थान रुड़की के विजिटर की हैसियत से प्रौद्योगिकी संस्थान अधिनियम 1961 की धारा 11 (अ) के द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, श्री अशोक भटनागर, पूर्व अध्यक्ष, रेलवे बोर्ड तथा मुख्य सचिव, भारत सरकार, को श्री जय प्रकाश गौड़ के स्थान पर उनकी शेष कालावधि के लिये, जो कि दिनांक 23 मई 2011 तक है, इस संस्थान के अभिशासक परिषद के अध्यक्ष पद पर सहर्ष मनोनीत किया है।



अधिसूचना

सं. आई.आई.टी.आर./एम.एस.—57 / 2508
दिनांक 5 मार्च 2009

भारतीय प्रौद्योगिकी संस्थान रुड़की, भारतीय प्रौद्योगिकी संस्थान हिमाचल प्रदेश हेतु मार्गदर्शक संस्थान है तथा भारतीय प्रौद्योगिकी संस्थान रुड़की के बोर्ड ऑफ गवर्नर्स के अध्यक्ष को भारतीय प्रौद्योगिकी संस्थान हिमाचल प्रदेश के अध्यक्ष व भारतीय प्रौद्योगिकी संस्थान रुड़की के निदेशक को भारतीय प्रौद्योगिकी संस्थान हिमाचल प्रदेश के निदेशक के रूप में भी नियुक्त किया गया है।

निदेशक भारतीय प्रौद्योगिकी संस्थान रुड़की तथा निदेशक भारतीय प्रौद्योगिकी संस्थान हिमाचल प्रदेश ने, भारतीय प्रौद्योगिकी संस्थान हिमाचल प्रदेश की समस्त गतिविधियों के नियोजन, समन्वय, कार्यान्वयन व संचालन के लिये तत्काल प्रभाव से भारतीय प्रौद्योगिकी संस्थान रुड़की में भारतीय प्रौद्योगिकी संस्थान हिमाचल प्रदेश (आई.आई.टी.एच.पी.) प्रकोष्ठ के संस्थापन की स्वीकृति प्रदान की है। भारतीय प्रौद्योगिकी संस्थान हिमाचल प्रदेश प्रकोष्ठ उस समय तक कार्यरत रहेगा जब तक कि भारतीय प्रौद्योगिकी संस्थान रुड़की, भारतीय प्रौद्योगिकी संस्थान हिमाचल प्रदेश के मार्गदर्शक के रूप में कार्य करना जारी रखता है।

शैक्षिक सत्र 2009—10 में, इंजीनियरी की तीन शाखाओं, विद्युत इंजीनियरी, यांत्रिकी इंजीनियरी तथा कम्प्यूटर विज्ञान व इंजीनियरी में, प्रत्येक शाखा में 40—40 विद्यार्थियों को प्रवेश दिये जायेंगे।

भारतीय प्रौद्योगिकी संस्थान हिमाचल प्रदेश प्रकोष्ठ की गतिविधियों का प्रबन्धन, समन्वयक, संयोजकों, अन्य सदस्यों जिनमें संकाय भी सम्मिलित होंगे, भारतीय प्रौद्योगिकी संस्थान रुड़की के अधिकारियों तथा स्टॉफ व प्रकोष्ठ के लिये नियुक्त कुछ अन्य व्यक्तियों द्वारा किया जायेगा। यह प्रकोष्ठ निदेशक भारतीय प्रौद्योगिकी संस्थान रुड़की जो कि भारतीय प्रौद्योगिकी संस्थान हिमाचल प्रदेश के निदेशक भी हैं, के सीधे पर्यवेक्षण व नियंत्रण में कार्य करेगा।

भारतीय प्रौद्योगिकी संस्थान हिमाचल प्रदेश के एक स्वतंत्र प्रशासनिक ढांचे द्वारा स्थान लिये जाने तक भारतीय प्रौद्योगिकी संस्थान रुड़की के उप निदेशक, डीन्स, सह डीन्स, प्रोफेसर प्रभारी, कुलसचिव (आवश्यकतानुसार) क्रमशः भारतीय प्रौद्योगिकी संस्थान हिमाचल प्रदेश के भी कार्यकर्ता होंगे।

भारतीय प्रौद्योगिकी संस्थान रुड़की के समस्त वैधानिक निकाय यथा बोर्ड ऑफ गवर्नर्स, वित्त समिति, सीनेट, तथा भवन एवं निर्माण समिति आदि क्रमशः भारतीय प्रौद्योगिकी संस्थान हिमाचल प्रदेश के भी निकाय होंगे।

भारतीय प्रौद्योगिकी संस्थान हिमाचल प्रदेश प्रकोष्ठ, भारतीय प्रौद्योगिकी संस्थान हिमाचल प्रदेश की समस्त गतिविधियों का निर्विघ्न समन्वय व तथा कार्यान्वयन किया जाना,

भारतीय प्रौद्योगिकी संस्थान रुड़की की उन संविधियों, अध्यादेशों, नियमों, विनियमों तथा प्रक्रियाओं के अनुसार सुनिश्चित करेगा, जो कि इस उद्देश्य के लिये अंगीकृत की गई हैं।

सं. आई.आई.टी.आर./सिक्कूरिटी/सूचना/23
दिनांक 18 मार्च 2009

सभी परिसरवासियों को सूचित किया जाता है कि संस्थान सुरक्षा सलाहकार समिति की 19 जनवरी 2009 को हुई बैठक में गेटों के खुलने के समय व बिना स्टीकर वाले वाहनों के बारे में चर्चा की गई थी तथा इस विषय में कुछ निर्णय भी लिए गये हैं जो कि 01 अप्रैल 2009 से मान्य होंगे। अतः सभी परिसरवासियों से अपील की जाती है कि जिन कर्मचारियों अथवा अधिकारियों ने अपने वाहनों पर स्टीकर नहीं बनवाये अथवा नहीं लगाये हैं वे कर्मचारी अथवा अधिकारी अपने वाहनों पर 31 मार्च 2009 तक स्टीकर बनवाकर लगा लें। इस सम्बन्ध में लिये गये निर्णय निम्नानुसार है:—

- 1— बिना स्टीकर वाले वाहन केवल एक ही गेट पोलारिस होटल के बगल वाले एस0क्यु0सी0सी0 गेट से ही संस्थान के अन्दर व बाहर होंगे अन्य किसी गेट से नहीं। अपने साथ वाहन कार्ड रखें (वाहन पर स्टीकर चिपकाने के अलावा) और सुरक्षाकर्मी के मॉगनें पर उसे वाहन कार्ड दिखायें।
- 2— शीलकूँज गेट तथा जी0पी0 होस्टल गेट को बन्द किया जा रहा है क्योंकि इनके पहले से ही इनके नजदीक क्रमशः विकासनगर गेट व एस0क्यु0सी0सी0 गेट हैं।
- 3— सुरक्षाकर्मी के चैक करने पर उसे उपेक्षित नहीं बल्कि प्रोत्साहित करें।
- 4— परिसरवासी कृपया अपने बच्चों, मित्रों, रिश्तेदार और अन्य मिलने वालों को परिसर के नियमों से परिचित करायें तथा परिसर की मर्यादा का पालन करने का आग्रह करें।
- 5— अल्पवयस्क व बिना लाइसेन्स वाले बच्चों को वाहन न चलाने दें।
- 6— वाहन को केवल पार्किंग स्थान पर ही खड़ा करें।

हाल में परिसरवासियों द्वारा अपना वाहन स्टीकर को बाहरी व्यक्तियों के देने के कुछ मामले संज्ञान में आये हैं। इस सन्दर्भ में यह बताना जरूरी है कि वाहन स्टीकर अहस्तांतरणीय है तथा अनाधिकृत व्यक्ति द्वारा किसी वाहन स्टीकर के दुरुपयोग को गंभीरता से लिया जाएगा तथा सक्षम अधिकारी को इसकी रिपोर्ट प्रेषित की जाएगी

भारत रत्न डॉ. भीम राव अम्बेडकर की 118 वीं जयंती

14 अप्रैल को भारत रत्न डॉ. भीम राव अम्बेडकर की 118 वीं जयंती के अवसर पर डॉ. बी. आर. अम्बेडकर प्रगतिशील विचार मंच द्वारा संस्थान में एक समारोह आयोजित किया गया जिसकी अध्यक्षता संस्थान के निदेशक प्रोफेसर एस. सी. सक्सेना द्वारा की गई। कुलगीत के गायन से प्रारंभ हुये समारोह में संस्थान के डीन प्रशासन प्रोफेसर एस.सी.जैन ने नवगठित डॉ. बी. आर. अम्बेडकर प्रगतिशील विचार मंच के संबंध में जानकारी देते हुये बताया कि जैसा कि इसके नाम से ही स्पष्ट है यह एक प्रगतिशील मंच है, जो कि संस्थान के निदेशक के संरक्षत्व में गठित किया गया है तथा यह संस्थान के संकाय सदस्यों, अधिकारियों, कर्मचारियों व छात्र-छात्राओं सभी के लिये है। उन्होंने कहा कि डॉ. बी. आर. अम्बेडकर के विचारों को प्रचारित करने हेतु उक्त मंच द्वारा विभिन्न प्रकार के कार्यक्रमों का आयोजन किया जायेगा।

समारोह में बड़ी संख्या में उपस्थित संकाय सदस्यों, अधिकारियों, कर्मचारियों व छात्र-छात्राओं द्वारा डॉ. बी.आर. अंबेडकर के चित्र पर पुष्पांजलि अर्पित की गई।

इस अवसर पर बोलते हुये संस्थान के निदेशक प्रोफेसर एस. सी. सक्सेना ने कहा कि डॉ. बी.आर.अम्बेडकर ने देश को एक ऐसा बहुत ही उत्तम संविधान दिया है जिसकी कार्यकुशलता विगत 60 वर्षों में सिद्ध हो चुकी है। उन्होंने कहा कि उस समय, जब भारत अपने आजादी के संघर्ष में जूझ रहा था डॉ. अम्बेडकर ने यह चेतना उत्पन्न की, कि सामाजिक रूप से एक बटे हुए और अस्वस्थ समाज के रूप में किसी भी देश का भविष्य उन्नतिकारक नहीं हो सकता। संस्थान में गठित डॉ. बी. आर. अम्बेडकर प्रगतिशील विचार मंच के संबंध में निदेशक ने कहा कि यह एक पूरी तरह से गैर-राजनीतिक मंच है, जिसका उद्देश्य समाज के सभी वर्गों को जोड़ना तथा डॉ. बी.आर. अम्बेडकर के विचारों के अनुसार एक ऐसे समाज के लिये कार्य करना है जिसमें किसी भी व्यक्ति के प्रति किसी प्रकार का कोई भेद-भाव न हो।

संस्थान के उप निदेशक प्रोफेसर एच. के. वर्मा ने समारोह में अपने विचार व्यक्त करते हुये कहा कि डा. बी. आर. अम्बेडकर विशिष्ट प्रतिभा के धनी थे तथा आज सभी के चिंतन व सहयोग से एक ऐसे समाज के निर्माण की आवश्यकता है जिसमें दलित शब्द ही न रहे।

संस्थान के सहारनपुर परिसर के डीन, प्रोफेसर इंद्रमणि मिश्र ने कहा कि डॉ. अम्बेडकर द्वारा दिये गये अनूठे संविधान से यह स्पष्ट है कि उनका उद्देश्य एक ऐसे समाज का निर्माण करना था जिसमें बिना किसी प्रकार के भेद-भाव के, सभी लोगों को समान अवसर प्राप्त हो सके।

समारोह में श्री बाबूराम पंवार तथा छात्र श्री संजय व सौरभ द्वारा भी अपने विचार व्यक्त किये गये। श्री सुरेन्द्र कुमार सेतिया, एक बालिका कु. शालिनी पंवार व छात्रा कु. स्मिता सोनकर ने अपनी कविताएं प्रस्तुत कीं।

COURSE ON EARTHQUAKE RISK MITIGATION

Prof. D. K. Paul, Head, Centre of Disaster Mitigation and Management welcomed the participants of the short term course on “Earthquake Risk Mitigation” which was held from March 30 to April 4, 2009 at the Centre for Continuing Education jointly organized by Centre of Excellence in Disaster Mitigation and Management, and SAARC Disaster Management Centre, New Delhi. The training course was greatly appreciated by all the participants from seven SAARC countries i.e Afghanistan, Bangladesh, Bhutan, India, Nepal, Pakistan and Sri-Lanka. The course was very much appreciated as South Asia is highly vulnerable to earthquakes due to presence of active seismic source regions of world. Out of eight SAARC countries, six are located in this active belt. Many of the important and densely populated cities of these countries including the capital cities of Kabul, Dhaka, Thimphu, Delhi, Kathmandu and Islamabad are located in moderate to severe seismic hazard zones.



The course was inaugurated by Padmashree Dr. A. S. Arya, National Seismic Advisor and Prof. S. C. Saxena presided over the Inaugural Function. Twenty nine participants (Afghanistan - 3, Bangladesh - 3, Bhutan - 6, India - 8, Nepal 4, Pakistan 2, Sri-Lanka 3) SAARC countries including India attended the course.

Prof. S. C. Saxena expressed that all the SAARC member countries have similar geopolitical problems and Disaster Risk Mitigation is a common major concern for all of us. We have been hit by different disasters of different magnitude and our people have suffered heavily on this account. We are not only SAARC member countries but also neighbour countries. As disaster does not recognize international boundaries, same hazard may lead to disaster on either side of the border as was the case of Muzaffrabad Earthquake. He expressed his happiness that most SAARC countries have recognized this and took initiative in capacity building in the region to safeguard against hazards. Prof. Saxena, Director, IIT Roorkee also gave away the Certificates to the participants from these countries on April 4, 2009 during the Valedictory function.

Dr. P. K. Champati Ray, Head and Dr. D. D. Joshi from SAARC Disaster Management Centre, New Delhi attended both the Inaugural and the Valedictory functions. Prof. A. K. Khan from Bangladesh currently on deputation at the SAARC Disaster Management Centre also attended the Inaugural and Valedictory functions. Prof. Ashwani Kumar, Head, Deptt. of Earthquake Engg. was also present.

Prof. D. K. Paul, Head of the Centre drew attention that disasters are mostly related to damage of houses against different level of the hazard. Most of our construction practices are very similar and our disaster concerns should also be similar. Collective efforts will certainly help us in reducing the impact of Disasters.



विभिन्न पुष्प प्रदर्शनियों में फैली आई.आई.टी. रुड़की के फूलों की खुशबू

प्रतिवर्ष की भांति "राजभवन" देहरादून एवं रुड़की के विभिन्न संस्थानों द्वारा आयोजित पुष्प प्रदर्शनियों में आई.आई.टी. रुड़की के फूल-पौधों की बहार ने कई पुरस्कार प्राप्त किये तथा "मुख्य भवन लान" एवं "निदेशक आवास लॉन" अवल रहे एवं संस्थान ने निम्न पुरस्कार प्राप्त किये :

क्र. सं.	प्रदर्शनी स्थल	प्रथम	द्वितीय	तृतीय	कुल	ट्रॉफी
1.	कलर ऑफ स्प्रिंग-2009 राजभवन देहरादून	9	7	4	20	
2.	पुष्प प्रदर्शनी-2009 सी.बी.आर.आई. रुड़की	6	16	16	38	1. सर्वोत्तम परफार्मेंस के लिये शालिनी प्रकाश ट्रॉफी 2. बेस्ट गार्डन के लिए राजेन्द्र भण्डारी ट्रॉफी (मुख्य भवन) 3. सर्वोत्तम परफार्मेंस मीना भण्डारी ट्रॉफी (कट फलावर्स) 4. बेस्ट गार्डन (निदेशक आवास) सेवाराम बिष्ट ट्रॉफी 5. बेस्ट वेजीटेबल गार्डन राजेश्वर दयाल ट्रॉफी 6. किंग आफ शो ट्रॉफी (डहेलिया)
3.	पुष्पावली-2009 बी.ई.जी.एण्ड सी. रुड़की	21	26	23	70	बेस्ट संस्थान गार्डन के लिए बंगाल सेपर्स कप

दिनांक 24.3.09 को माननीय निदेशक महोदय द्वारा निदेशक आवास पर मालियों को नकद पुरस्कार वितरित किये गये ।



पुष्प प्रदर्शनी में प्राप्त पुरस्कारों के साथ निदेशक महोदय तथा संबंधित अधिकारी/कर्मचारी

विभिन्न पुष्प प्रदर्शनियों में प्राप्त किये गये पुरस्कार



निदेशक महोदय, निदेशक आवास पर 'चन्दन' के वृक्ष का वृक्षारोपण करते हुये

बी.ई.जी.एण्ड सी. की पुष्प प्रदर्शनी में सहायक अभियन्ता श्री ए.के. जैन निदेशक महोदय से पुरस्कार प्राप्त करते हुये

उत्तराखण्ड के राजभवन में आयोजित पुष्प प्रदर्शनी में माननीय मुख्यमंत्री ले जन. श्री बी.सी. खण्डूरी जी से पुरस्कार प्राप्त करते हुये संस्थान अभियन्ता श्री सलेक चन्द

SRISHTI 2009

Hobbies Club, IIT Roorkee completed 50 years of its existence and this was the golden jubilee of the Srishti 2009, organized during Feb. 27 - March 1, 2009.

The Hobbies Club being a unique feature among all IITs motivates the budding technocrats for shaping their imaginations, launching their innovations and brushing their on the canvas of creativity. The Hobbies Club is admired and appreciated for its glorious past, ongoing activities and future.

The Hobbies Club Exhibition provides an opportunity to show case the wide horizon of art and technology at the Club. This year the Hobbies Club has a student membership of 1500. Various workshops on topics like Advanced Robotics, Open Hacking, Origami, Flash Game Making, etc. were organized during Srishti which saw a huge participation from among the students. Online events like Cracken (treasure hunt) and Forex (foreign currency exchange game) were introduced for the first time this year in the Srishti and these events were played for over a month by students from all over the country. Around 300 students from other colleges participated in the exhibition.

Another significant move taken by the club was to increase awareness in the protection of environment, A youth summit was organized with the theme of "Green Leadership" to enlighten the students about their role in the domain of ecological preservation.

The exhibition was inaugurated by Prof. H. K. Verma, Dy. Director, IIT Roorkee on 27th February, 2009. Dr. G. S. Srivastava, Dean, (Academic Studies), IIT Roorkee presided over the Valedictory Function on 1st March.

NOTIFICATION

No. Estt.(A)/213/E-4767(IIT-HP) Dated: 18 March 2009

The Director-IIT-R/IIT-HP is pleased to appoint Prof. S. P. Gupta, Prof. in Electrical Engg. Deptt. as the Coordinator of the IIT-HP Cell established at IIT-R (old Central Library Building) with immediate effect with the functional powers of Head of the Department.

No. Estt.(A)/212/E-4767(IIT-HP) Dated: 18 March 2009

The Director-IIT-R/IIT-HP is pleased to appoint the following coordination committee for coordinating all the activities of IIT-HP in IIT-HP Cell:

1. Prof. S. P. Gupta, Prof., Electrical Engg. Deptt.	Coordinator
2. Prof. G. S. Srivastava, Prof., Mathematics Deptt.	Member
3. Prof. Surendra Kumar, Prof., Chemical Engg. Deptt.	Member
4. Prof. I. M. Mishra, Prof., Chemical Engg. Deptt.	Member
5. Prof. S. P. Srivastava, Prof., Electrical Engg. Deptt.	Member
6. Prof. Gopal Chauhan, Emeritus Fellow, WRD&M Deptt.	Member

Conferences Organized

Conference	Organized by	Period
Chemical Evolution and Origin of Life	Chemistry Department	March 5-7, 2009
National Conference on Biomechanics	Mathematics Deptt.	March 7 & 8, 2009

TRAINING PROGRAMME ON TESTING & EVALUATION OF SHP

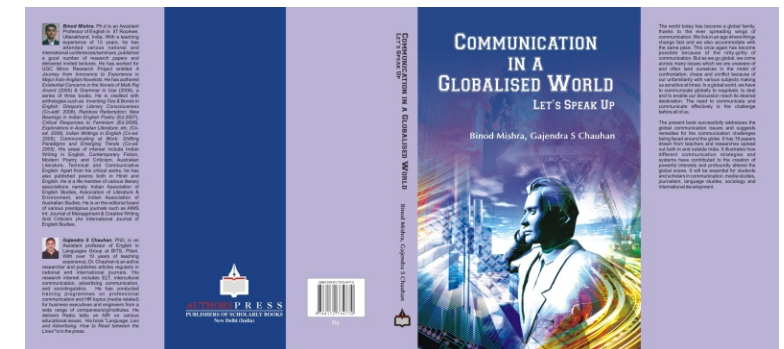
Annual National Training Programme on Performance Testing and Evaluation of Small Hydropower plants was organized during Jan 13-17, 2009 at AHEC. 24 participants representing different power sector organizations from Assam, Arunachal Pradesh, Uttarakhand, Himachal Pradesh, Tamil Nadu, Punjab, Maharashtra and Delhi attended the course. Dr. N. P. Singh, Advisor, Ministry of New & Renewable Energy, Govt. of India delivered the valedictory address and gave the certificate of participation to the participants. The Valedictory Function was chaired by Prof. H. K. Verma, Dy. Director. Dr. Praveen Saxena, Director, Small Hydropower and Dr. Ahmer Raza, Director (I&PA) were also present on the occasion.



L to R : Shri S.N. Singh, Prof. H. K. Verma, Dr. N. P. Singh, Dr. Arun Kumar

Book Published

Mishra, Binod & Gajendra S. Chauhan (ed.) Communication in a Globalized World: Let's Speak Up. New Delhi: Authors Press. 2009. ISBN: 978-81-7273-477-0.



Participation in Conferences/Workshops/Seminars/Symposiums

At the International Conference on “Modelling of Engineering & Technical Problem (ICMETP)”, Agra, held during Jan. 14-16, 2009, following papers were presented by the faculty and Research Scholars from Deptt. of Paper Technology.:

- Mr. Deepak Kumar, Research Scholar, presented a paper entitled "Analysis of parametric effect on efficiency of the brown stock washer in Paper Industry using MATLAB, Co-authored by Dr. Vivek Kumar and Prof. V. P. Singh.
- Mr. Musrrat Ali, Research Scholar, presented a paper entitled "A New Differential Evolution Algorithm and Its Application to Real Life Problems", co-authored by Dr. Millie Pant and Prof. V. P. Singh
- Dr. Millie Pant, Asstt. Prof., presented a paper entitled “The Economic Optimization of Pulp and Paper Making Processes using Computational Intelligence”.

Dr. Praveen Kumar, Prof., Civil Engineering Department :

- attended PMGSY Workshop at National Institute of Training for Highway Engineers (NITHE), Noida as Subject Panelist on Feb. 9, 2009.
- chaired a session and presented a key note paper “**Use of Waste Plastics in Bituminous Layers of Pavement**” at International Conference on Pavement Engineering at Bhubneswar on Feb. 14, 2009.
- chaired Research Degree Committee of Uttar Pradesh Technical University at Lucknow on Feb. 12, 2009. Dr. I. D. Mall, Head, Chemical Engg. Deptt. and Dr. M. K. Arora, Prof., Civil Engg. Deptt. also attended this meeting.

Dr. A. K. SHARMA, Asstt. Prof., Deptt. of Mechanical & Industrial Engg. attended the 2nd International & 23rd AIMTDR Conference held in IIT Madras, Chennai during Dec. 15-17, 2008 and presented two papers, "An Optimum maintenance strategy selection using fuzzy approach" and "Investigation on precision finishing of spur gears by electrochemical honing".

Dr. Binod Mishra, Asstt. Prof., Deptt. of Humanities & Social Sciences delivered a plenary lecture in a National Conference on “Technical Education: Global Issues and Challenges”, held in MIT, Mandsoor, Madhya Pradesh on March 6-7, 2009. The title of his presentation was “Controlling the Nerves: A Key to Effective Communication”.

Dr. N. K. Jain, Asstt. Prof., Deptt. of Mechanical & Industrial Engg. delivered four expert lectures on the topics of Electro Discharge Machining (EDM), Wire-EDM, Electro Chemical Machining (ECM), and Electro Chemical Grinding (ECG) in the short-term course on "Non-Conventional Machining" held at Dehradun Institute of Technology, Dehradun during March 2-6, 2009

Dr. M. C. Bansal, Prof., DPT, presented a paper entitled

“Recycling of Bleach Plant Effluent in Paper Industry” jointly written with Mr. S. K. Shukla and Dr. Vivek Kumar in the PAPASIA-09 conference held on Feb. 5-6, 2009 at Chennai.

Dr. Nayan Sharma, Prof., WRD&M made an Invited Special Presentation on “Tackling Flood and Erosion Problems of the Brahmaputra River” in New Delhi, on 4th February, 2009 for Thirteenth Finance Commission of Govt. of India.

Prof. D. K. Paul, Earthquake Deptt. was invited to deliver Keynote Lecture on a topic entitled “Seismic Base Isolation of Multistorey Buildings. An Overview”, at the National Conf. on “Trends and Challenges in Structural Engg. and Construction Technologies”, CBRI, Roorkee, Feb.11-12, 2009.

Dr. Justin Thomas attended the International Conference on “Functional Materials”, organized by the Deptt. of Chemistry, IIT Madras, Chennai, during Nov. 27-29, 2008 and presented a paper entitled “Fluorene Based Organic Dyes for Dye-Sensitized Solar Cells”.

Dr. Kamaluddin, Prof., Mr. Aftab Alam Khan and Ms. Arti both research scholars, Deptt. of Chemistry presented their research papers in 27th Annual Conference of Indian Council of Chemists, Gurukul Kangri University, Haridwar during Dec. 26-28, 2008. Research papers of Aftab Alam Khan and Ms. Arti were coauthored by Prof. M. R. Maurya and were judged as best oral and best poster respectively.

Ms. Arti, Research Scholar, Deptt. of Chemistry attended the 19th National Symposium on Catalysis during Jan. 18-21, 2009 at National Chemical Laboratory, Pune and presented a paper jointly co-authored by Dr. M. R. Maurya, Prof., Deptt. of Chemistry. Her poster was considered as best paper and was given cash prize of Rs. 5000.

Mr. Chamarthi Srikanth, Research Scholar, Deptt. of Chemistry attended the International Conference on Nanomaterials & Applications (ICNAMA-2008) during Dec. 9-11, 2008 at Shivaji University, Kolhapur and presented a paper jointly coauthored by Dr. P. Jeevanandam, Asstt. Prof. Deptt. of Chemistry. His presentation was adjudged for second place in the oral session.

Dr. R. Balasubramanian, Asstt. Prof., Deptt. of Mathematics, presented a paper "Multipurpose Watermarking Scheme using Essentially Non-Oscillatory Point-Value Decomposition" in “Wavelet Applications in Industrial Processing VI Session”, 21st IS&T/SPIE International Symposium on Electronic Imaging 2009, held at San Jose, California, USA during Jan. 18-22, 2009.

Dr. Arun Kumar Saraf, Prof., Deptt. of Earth Sciences was invited by the Organizing Committee of the 2nd International Conference on Geoinformation Technology for Natural Disaster Management and Rehabilitation (GiT4NDM&R) held in Bangkok during Jan. 30-31, 2009, to deliver keynote paper entitled "Earthquake Thermal Precursors: Their Detection and Analysis".

He also chaired a session on Earthquakes and Landslides.

Dr. Saraf also delivered a keynote paper entitled "Is really rainfall changing in India? A GIS appraisal of fifty three years rainfall data" in the International Workshop on Climate Change and Natural Disaster held on Jan. 29, 2009 at Asian Institute of Technology, Bangkok, Thailand.

Dr. Arun Kumar, Head, AHEC participated in the first meeting of the lead authors as Coordinating Lead Author (Chapter 5 on Hydropower) held for preparing special report on Renewable Energy Sources and Climate Change Mitigation for Intergovernmental Panel on Climate Change (IPCC) - Working Group III at São José dos Campos, Sao Paulo, Brazil during Jan 26-29, 2009.

Dr. Rajat Rastogi, Asstt. Prof., Deptt. of Civil Engineering attended the 88th Annual Meeting of Transportation Research Board, USA at Washington, D. C. held during Jan. 11-15, 2009. Dr. Rastogi presented a paper in session 581 on topic 'Scale Factor Estimation Using Maximum Information Procedure' (09-0495).

Mrs. Radha Thangaraj, Research Scholars, DPT, presented a paper entitled “A new differential Evolution Algorithm for solving global optimization problems”, co-authored by Dr. Millie Pant and Prof. V. P. Singh at the “International Conference on Advanced Computer Control (ICACC)”, held in Singapore during Jan. 22-24, 2009.

Dr. Pashupati Jha, Prof., Deptt. of Humanities and Social Sciences delivered the key-note address on the Barriers to Effective Communication at the National Seminar on Problems in Communication, March 20, 2009, at Guru Nanak Dev Engineering College, Ludhiana.

Dr. Arun Kumar Saraf, Prof., Department of Earth Sciences was invited by the organizing committee of the 1st International Workshop on Validation of Earthquake Precursors by Satellite, Terrestrial and other Observations (VESTO) held in Chiba University, Japan during March 26-28, 2009 to deliver invited talk entitled "Remote Sensing Observation of Earthquake Thermal precursors in India and Iran". Dr. Saraf was also invited to deliver a Special Lecture on March 27, 2009 entitled "Thermal Remote Sensing Applications in Earthquake Studies" in the Center for Environmental Remote Sensing, Chiba University, Japan.

Dr. Rajdeep Niyogi, Asstt. Prof., Deptt. of Electronics & Computer Engg. attended a Fourth International Conference on Intelligent Computing and Information Systems (ICICIS'09) at Cairo, Egypt organized in cooperation with ACM SIGMIS during March 19-22, 2009 and presented a paper entitled “An Approach to Planning with External Events and Auxiliary Goals”; this paper got the session's Best paper award in the session, "Computing techniques".

Visits Abroad

Prof. R. N. Goyal, Department of Chemistry visited the research group of Dr. M. Oyama of Graduate School of Engineering, Kyoto University, Japan under fellowship program of Japan Society for Promotion of Research from Nov. 30, 2008 to January 10, 2009. The topic of invitation research was use of nanomaterial modified electrodes as sensors and biosensors. He delivered lectures on Nanomaterials in electrochemistry in Kyoto University, Graduate School of Science and Engineering, at Nagasaki University and in the Department of Agricultural Chemistry of Kyoto University, Yoshida Campus.

Prof. Ravi Bhushan, Deptt. of Chemistry visited Institut für Reine und Angewandte Chemie, University of Oldenburg, Germany from Dec. 02-30, 2008 under the re-invitation program of AvH-Foundation. He worked in the area of resolution of enantiomers.

सेवानिवृत्त

(फरवरी-मार्च 2009)

- 1—श्री पूरण सिंह, सुरक्षा निरीक्षक, पी.आर.ओ. ऑफिस
- 2—श्री ब्रह्म चन्द, अधीक्षक, मिनिस्ट्रीयल
- 3—श्री जे. बी. राणा, वरिष्ठ फोरमैन, एम.आई.ई.डी.
- 4—श्री जगपाल सिंह, वरिष्ठ सुरक्षागार्ड, पी.आर.ओ. ऑफिस
- 5—श्री एस. सी. शर्मा, अधीक्षक (आशुलिपिक), मिनिस्ट्रीयल

JOINT SECRETARY, MNRE VISITED IITR

Mrs. Gauri Singh, Joint Secretary, Ministry of New & Renewable Energy, Govt. of India visited Alternate Hydro Energy Centre on Jan. 07, 2009 to see the facilities, expertise, and programmes being offered. During her visit she addressed the participants drawn from NGO and village community from hilly areas attending the Short Term Training Course on Renewable Energy Systems. She interacted with the faculty and students of AHEC, and was happy with the placement status of M.Tech. (AHES) students.



Mrs. Gauri Singh with students and faculty members



Honours and Awards

Dr. A. K. Saxena, Prof., Deptt. of Electronic & Computer Engg. has been elected Fellow of Institute of Engg. & Tech (IET), UK (formerly IEE).

Dr. Anand Joshi, Asstt. Prof., Deptt. of Earth Sciences received the best paper award in oral presentation category of the 2nd International Conference on Geoinformation Technology for Natural Disaster Management, held during Jan. 30-31, 2009 at Asian Institute of Technology, Bangkok, Thailand.

Dr. R. Balasubramanian, Asstt. Prof., Deptt. of Mathematics, has been awarded the prestigious BOYSCAST Fellowship 2008-09 by the Deptt. of Science and Technology, Govt. of India for conducting advanced research in the area of Mathematical Sciences/ Computational aspects of Geometry and Algebra for a duration of three months at the University of Windsor, Ontario, Canada.

Dr. Ankush Mittal, Assoc. Prof. and Dr. Durga Toshniwal, Asstt. Prof., Deptt. of Electronics and Computer Engg. have received the prestigious IBM Faculty Awards-2008. The awards include citations and grants of US \$10000 each.

Dr. Satyendra Mittal, Assoc. Prof., Deptt. of Civil Engg. has been nominated as member of Technical Committee of DRDO.

Dr. Praveen Kumar, Prof., Deptt. of Civil Engg. visited Ghaziabad on Feb 21, 2009 as a part of the Assessment Committee for the Excellence Award of Best Engineering College of Uttar Pradesh, instituted by Uttar Pradesh Technical University.

Dr. V. K. Tewari, Prof., Metallurgical & Materials Engg. Deptt. has been conferred the honour of Officer of the Order of Academic Palms by the Prime Minister of the French Republic France, for rendering important services to French National Education and contribute to the intellectual, scientific and artistic influence of France in the World on December 4, 2008 at French Embassy, New Delhi.

Dr. B. R. Gurjar, Prof., Deptt. of Civil Engineering, has been entitled by The International Panel on Climate Change in Cities (IPC3) to serve as an expert reviewer for the Climate Risk chapter of the IPC3's First Assessment Report. As a complementary activity to the Intergovernmental Panel on Climate Change (IPCC), the IPC3 is an initiative of the Urban Climate Change Research Network (UCCRN) and supported by the World Bank's Global Facility for Disaster Reduction and Recovery (GFDRR), the U.S. Geological Survey (USGS), the City University of New York Institute for Sustainable Cities (CISC), Columbia University's Center for Energy, Marine Transportation and Public Policy (CEMTPP), the Columbia Center for Climate Systems Research (CCSR), and the NASA Goddard Institute for Space Studies.

Prof. D. K. Paul, Earthquake Department has been nominated as the Member of the Governing Council (GC) of Central Soil and Material Research Station, New Delhi constituted by Ministry of Water Resources, Government of India, (Aug. 2008 Aug. 2011).

Prof. D. K. Paul, Earthquake Department chaired the meeting of National Steering Committee for Seismic Microzonation of Selected Cities in India at Mahasagar Bhawan, MoES, New Delhi on Jan. 7, 2009

Dr. Praveen Kumar, Prof., Department of Civil Engineering has been nominated as Member (Civil Engineering) in Board of Studies of Harcourt Butler Technological Institute (HBTI), Kanpur, Uttar Pradesh for two years.

Ms. Anjali Sardana, Research Scholar, Deptt. of Electronics and Computer Engg. has received the prestigious Google India Women in Engineering Awards 2009 for her academic excellence and contribution to computing and technology.

Mr. Sunny Shekhar and Mr. Shankaranand Mishra, B.Tech. (Civil) III year students, received FIRST prize (certificate and cash prize of Rs. 3000/-) in the event, "IDEAZ", organized in Civil Engg. Deptt. during Cognizance '09.

E-QUEST

Entrepreneurship Development Cell under the aegis of STEP, IIT Roorkee organized E-Quest from Feb.20 -22, 2009. The event comprised of a Business Quiz, and Case Study Competition. A workshop on "How to write a B Plan" was also conducted where Dr. D. K. Nauriyal of HSS Deptt., IIT Roorkee gave the talk. The event saw enthusiastic response from the students. The Case Study was judged by Dr. A. J. Mishra of HSS Deptt., IIT Roorkee. Students were awarded certificates for winning the competitions.

Courses Organised

- A one week course for National Hydro Power Corporation (NHPC) Engineers on **Earthquake Resistant Design of Embankment and Concrete Gravity Dams** was organized by Deptt. of Earthquake Engg. & Continuing Education Centre from Feb. 9-14, 2009. Twenty three NHPC Engineers from various project sites in the country attended the course.
- Prof. Praveen Kumar, Prof. G. L. Asawa, Prof. M. K. Mittal, Dr. P. K. Gupta and Dr. Anupam Chakravarty, Civil Engg. Deptt., delivered lectures at a Training Course for NABARD Officials at Lucknow on Feb. 3 -11, 2009.

Visitors to the Institute

- Prof. Suresh Bhargava from RMIT University, Australia visited the Department on 18th Nov. 2008 and delivered a talk entitled "From Molecules to Nano Particles".
- Prof. M. S. Manhas of Steven's Institute of Technology, USA visited Chemistry Department on Jan. 30, 2009 and delivered a lecture on "The Wonderful Domain of Microwave Chemistry."

सूचना

मानव संसाधन विकास मंत्रालय (उच्च शिक्षा विभाग) की संयुक्त सचिव सुश्री अनिता भटनागर जैन के हस्ताक्षर से जारी अधिसूचना संख्या 11011-7/2005 -रा.भा.ए. दिनांक 29 दिसम्बर 2008 के अनुसार, केन्द्रीय सरकार द्वारा, राजभाषा (संघ के शासकीय प्रयोजनों के लिये प्रयोग) नियम, 1976 के नियम 10 के उप-नियम (4) के अनुसरण में मानव संसाधन विकास मंत्रालय (उच्चतर शिक्षा विभाग) के अन्तर्गत भारतीय प्रौद्योगिकी संस्थान रुड़की को, जिनके 80 प्रतिशत से अधिक कर्मचारियों ने हिन्दी का कार्यसाधक ज्ञान प्राप्त कर लिया है, अधिसूचित किया गया है।

Forthcoming Events

Event	Organized by	Period
Indo-UK Workshop on Water Resource Management under Climate and Environment Change	Civil Engineering Department	Sep. 12-13, 2009
Two Day Research Conference Disaster Mitigation in Housing in India: an Agenda for Future	Centre for Excellence in Disaster Mitigation and Management	Nov. 21-22, 2009
Annual Review Meeting 2009 of Integrated Agro-Advisory Service	WRD&M Department	Dec. 10-12, 2009
National Meet for Research Scholars in Mathematical Sciences	Mathematics Department	Dec. 19-23, 2009
4 th International Conference on "Computer Applications in Electrical Engineering Recent Advances (CERA)"	Electrical Engineering Department	Jan. 31 - Feb. 03 2010

Special Lectures Organized

Name of Speaker	Topic	Date	Organizing Deptt./Centre
Dr. Rajesh Mishra, Dortmund Univer. of Technology, Germany	Amyloid Proteins and Diseases	Feb. 6, 2009	Biotechnology Deptt.
Dr. Surendra Soni, Researcher in Consciousness Studies & Applications	Consciousness Strategies for Better Performance with Stress Reliving Methodology	Feb. 6-7, 2009	QIP
Prof. K. Katsonis, Univ. of Paris, France	Transition Probabilities & Excitation Cross-sections of the ArI Atom	Feb. 13, 2009	Physics Deptt.
Dr. Jyoti Rajput, Univ. of Aarhus, Denmark	Lifetimes and Photo-absorption Spectroscopy from SF ₆ to Chromophores	Feb. 17, 2009	Physics Deptt.
Dr. P. K. Sahoo, Bundesanstalt, Braunschweig	Periodic Sub-wavelength Nanostructures for Photonic Applications Fabricated by EUV Interference Lithography (EUV-IL)	Feb. 18, 2009	Physics Deptt.
Dr. Satish R. Shetye, National Institute of Oceanography, Goa	The Indian Summer Monsoon, Arabian Sea and Bay of Bengal	Feb. 26, 2009	Physics Deptt.
Dr. Albrecht Eiber, Univ. of Stuttgart, Germany	Biomechanics of Hearing Engg. Deptt.	March 2, 2009	Mech. & Ind.
Dr. Basant Kumar Patel, Univ. of Illinois, Chicago, USA	Yeast Prions: Replication elements for "Protein-only" genetic inheritance	March 27, 2009	Biotechnology Deptt.
Dr. Sunil Mishra, Consultant Endocrinologist	Technological Advances in Endocrinology	March 27, 2009	QIP
Mr. Neeraj Pandey Biogentek BG (I) Pvt. Ltd.	Fermentors and Bioreactors-Instrumentation, Tools and Techniques-Applikon b.v., Holland	April 9, 2009	Biotechnology Deptt.
Dr. V. M. Datar Bhabha Atomic Research Centre, Mumbai	Some Interesting Problems in Nuclear Physics	April 15, 2009	Physics Deptt.



Consultancy Projects

w.e.f. 26.01.2009 to 25.03.2009 (Above Rs.1.00 Lac or More)

Dr. M. K. Singhal, AHEC, *Preparation of DPR for Nuranang SHP Ph.-III (2 x 1500kW) (Shyaro nallah)*, Department of Hydro Power Development, Lhou, Arunachal Pradesh, Rs. 2.00 lacs. *Detail survey investigation and preparation of DPR of Nigol Gad MHP (2x250 kW) and Hafla Gad MHP (2x250 kW) in Distt. Chamoli, Uttarakhand*, Uttaranchal Renewable Energy Development Agency, Dehradun, Rs. 3.50 lacs.

Dr. R. K. Jain, APD, *Details survey investigation and preparation of DPR of Nigol Gad MHP (2x250 kW) and Hafla Gad MHP (2x250 kW) in Distt. Chamoli, Uttarakhand*, Uttaranchal Renewable Energy Development Agency, Dehradun, Rs. 2.50 lacs. *Office Building for ECCD Haldwani* Executive Engineer, ECCD, Kathgodam, Rs. 3.94 lacs.

Dr. S. Mittal, CED, *Design of Machine Foundation for Impact Hammer*, M/s R.N. Gupta & Co., Ludhiana, Rs. 2.34 lacs. *Soil Tests for PTC in Narendra Nagar*, U.P. Rajkiya Nirman Nigam, Rs. 1.00 lac.

Prof. V. K. Gupta, CED, *Proposed corridor for connecting Tel Bhawan, ONGC Dehradun, with Chakrata Road*, DGM (Civil), ONGC Dehradun, Rs. 1.75 lacs. *Structural Vetting of Proposed Building at Group Housing Plot No. GH-11 Integrated Township (Crossing Republic) NH-24, Village Dundahera, Ghaziabad*, Optimum Design Pvt. Ltd., Ghaziabad, Rs. 1.50 lacs.

Dr. Z. Ahmad, CED, *Hydraulic Design of Siphon Structure to draw 1000 cusecs water from BML to Multipurpose Link Channel*, Supdt. Engineer, Construction Circle Gurgaon, Rs. 4.00 lacs.

Dr. Kamal Jain, CED, *Consultancy Service for Identification of Clay reserve using DIP & GIS for Sankosh Project in Bhutan*, THDC, Rishikesh, Rs. 17.00 lacs.

Dr. A. K. Ahuja, CED, *Vetting of Structural Design/ Drawings of UGR's*, U.P. Jal Nigam, Greater Noida, Rs. 1.20 lacs. *Structural Design of Drains*, U.P. Jal Nigam, Greater Noida, Rs. 3.50 lacs. *Wind Tunnel Study of High Mast Lighting Towers*, Ventura Lighting & Infratech Limited, New Delhi, Rs. 2.65 lacs.

Dr. Anupam Chakrabarti, CED, *Vetting of Design of a Multistorey Storage Accomodation*, M.E.S., Chief Engineer Siliguri Zone Jalpaiguri (W.B.), Rs. 1.50 lacs.

Dr. U. C. Kothyari, CED, *Hydraulic Design and Protection Works for Gola Bridge*, S.E., PWD, Haldwani (UK), Rs. 4.00 lacs.

Dr. A. Kazmi, CED, *Vetting of Design & Cost Estimates of 80 cusecs Gangajal Water Supply Scheme*, Uttar Pradesh Rajkiya Nirman Nigam, Lucknow, Rs. 6.00 lacs. *Testing & Recommendation on Water Samples for Water Quality Modeling*, Consulting Engineering Services, 57, Nehru Place, New Delhi, Rs. 1.00 lac. *Third Party Quality Check Work under Yamuna Action Plan-Phase-II*, Project Manager, Yamuna Pollution Control Unit, Agra, Rs. 3.50 lacs.

Dr. G. Ramasamy, CED, *Design of Well Foundations Bareilly*, U.P. Power Transmission Corpn. Ltd., Bareilly, Rs. 1.75 lacs.

Dr. P. K. Gupta, CED, *Core Cutting and Finding its Compressive Strength*, Assistant Engineer II, Construction Division, PWD, Roorkee, Rs. 1.00 lacs.

Dr. Bhupinder Singh, CED, *Design Mix*, Shree Cement Ltd., Bangur Nagar, Beawar (Rajastan), Rs. 1.47 lacs.

Dr. N. K. Samadhiya, CED, *Soil Testing for Administrative Building at BSNL Plot near Vidhan Sabha at Dehradun*, Executive Engineer, BSNL Civil Division, Dehradun, Rs. 2.40 lacs.

Dr. Satish Chandra, CED, *Core Cutting of CC Roads and Design of Mixes*, 1. PWD, Roorkee 2. PWD, Delhi, Rs. 1.20 lacs. *Evaluation of Asphalt Modifier with Different types of Aggregates*, M/s Shell Bitumen India Pvt. Ltd., Gurgaon, Rs. 4.50 lacs.

Dr. D. Das, WRD&M, *Monitoring of Tanga SHP*, M/s Himalaya Hydro Pvt. Ltd., Hyderabad, Rs. 1.00 lac.

Dr. S. S. Jain, CED, *Design of Job Formula and Quality Assurance*, 1. Asstt. Engineer, G.D.A., Ghaziabad 2. Executive Engineer, Nagar Nigam, Ghaziabad 3. Exe. Engr. P.W.D., Delhi 4. Exe. Engr. PWD, Ghaziabad 5. Exe. Engr. PWD, Baghpat 6. Exe. Engr. PWD, Moradabad, Rs. 1.92 lacs.

Development of State Highways in the State of Bihar Design of Job Formula, Executive Engineer, RSVY Project Division, CPWD, Gaya, Rs. 4.92 lacs. *Design of Job Formula for Development of State Highways in Bihar*, 1. Ex. Engr., CPWD, RSVY, Project Division, A.P. Colony, Gaya (Bihar) 2. Ex. Engr., CPWD, RSVY Project Division, Kachahari Chowk, Bhagalpur 3. Asstt. Exe. Engr., CPWD, Patna, Rs. 3.21 lacs. *Quality Assurance of Bituminous layers*, 1. Executive Engineer, PWD, Rudrapur 2. Asstt. Engineer, GDA, Ghaziabad, Rs. 4.26 lacs. *Evaluation of Road Condition of Barakhamba Road (Delhi)*, Dy. Chief Engineer, Delhi Metro Rail Corporation Ltd., New Delhi, Rs. 2.50 lacs. *Design for Strengthening of DSC Road of Greater Noida*, Executive Engineer, GNIDA, Greater Noida, Rs. 1.50 lacs.

Dr. M. P. S. Chauhan, CED, *Design of Job Formula and Quality Assurance of Road Work*, 1. Executive Engineer, PWD, Haridwar 2. Executive Engineer, PWD, Roorkee, Rs. 1.61 lacs.

Dr. Pramod Agarwal, EED, *Design of Education Kits on Power Converters*, M/s Record Tech Electronics, Roorkee, Rs. 1.50 lacs.

Dr. R. Anbalagan, ESD, *Stability Studies in S.S.B. Academy, Gwaldam*, C.P.W.D., Srinagar, Garhwal, Rs. 2.00 lacs. *Advice for DST Project of SASTRA University, T.N.*, SASTRA University, Thanjavur, Tamilnadu, Rs. 1.77 lacs.

Dr. D. S. Arya, Hydrology, *Review of Gomti Nagar (extension) Drainage Design*, Lucknow Development Authority, Lucknow, Rs. 6.00 lacs.

Dr. N. K. Goel, Hydrology, *Reconnaissance Study Around GHIAL*, GMR, Hyderabad International Airport, Rs. 1.00 lac. *Ground Water Study near Shabajpur & along Bagad river*, Jubilant Organosys Ltd. Noida, Rs. 1.00 lac.

Dr. P. K. Ghosh, MMD, *Technical Consultancy Services for Welding Engineering & Training for Fabrication of Equipments*, M/s Escorts Construction Equipment Ltd.(ECEL), Faridabad, Rs. 4.80 lacs.

Dr. Subrata Ray, MMD, *Testing and Evaluation of Gas Turbine Blade Samples Before and After Heat Treatment*, NTPC Limited, EOC NOIDA, NOIDA, UP, Rs. 5.44 lacs.

Dr. Nayan Sharma, WRD&M, *Model Study of Water Conductor & Spillway for Thiroat HEP*, Executive Engineer, Thiroat Constn. Division, HPSEB, Pandoh (H.P.), Rs. 13.00 lacs.

Dr. Arun Kumar, AHEC, *Preparation of DPR for Holi - II SHP in Himachal Pradesh*, M/s Krishna Hydro Project Pvt. Ltd., 467, Khurbura, Dehradun, Rs. 7.50 lacs. *Study regarding restoration of MDDL of Rihand Reservoir*, Chief Engineer, Central Electricity Authority, Ministry of Power, Ramakrishna Puram, New Delhi, Rs. 38.73 lacs.

Dr. R. P. Saini, AHEC, *Performance Testing of Toss Mini Hydel Power Project (5 MW) in Himachal Pradesh*, Advisor, Toss Mini Hydel Power Project, B-226 Okhala Ind. Area, New Delhi, Rs. 6.00 lacs.

Dr. N. M. Bhandari, CED, *Structural Design of Gola Bridge Substructure*, S.E., P.W.D., Haldwani, Uttarakhand, Rs. 4.50 lacs. *Design of 30m Span PSC Girder bridge on Parveen river*, Balaji Builders, Ghaziabad, Rs. 2.50 lacs.

Dr. Pradeep Kumar, CED, *Design of Water Supply and Sewerage System for Power House of Koteswar Hydro Electric Project*, THDC, Rishikesh, Rs. 4.00 lacs. *Design of Water Supply and Sewerage System for Power House of Koteswar Hydro Electric Project - Phase-II*, THDC, Rishikesh, Rs. 2.00 lacs.

Dr. A. K. Jain, CED, *Proof Checking of Structural Design of Stadium CWG-2010*, Project Manager Commonwealth Project CW-19, New Delhi, Rs. 7.50 lacs. *Proof Checking of Design of Foundation of 220m Tall Chimney*, Chief Engr., U.P. Rajya Vidyut Utpadan Nigam Ltd., Lucknow, Rs. 3.80 lacs. *Ultrasonic Testing of T.G. Foundations*, Aravali Power Co. Pvt. Ltd., Jharli HAR, Rs. 4.05 lacs.

Dr. P. K. Garg, CED, *Topographic Survey at Rashtrapati Nivas, Shimla*, C.B.R.I., Roorkee, Rs. 1.33 lacs.

Dr. A. A. Kazmi, CED, *Design Check for Establishment & Commissioning of 50 MLD capacity STP at Salawas in Jodhpur City*, UEM India Limited, D-19, Kalkaji, New Delhi, Rs. 3.00 lacs.

Dr. M. N. Viladkar, CED, *Geotech Investigation for Proposed Cement Grinding unit of Shree Cement Ltd., at Laksar - Evaluation of Report by Cengers Geotechnical Pvt. Ltd.*, M/s Shree Cement Ltd., Bangur Nagar, Beawar (Rajasthan), Rs. 1.25 lacs.

Dr. S. Mittal, CED, *Third Party Quality Checking of Construction Projects*, U.P. Rajkiya Nirman Nigam, Pauri, Rs. 9.00 lacs. *Design & Recommendations of OHT Foundation*, Uttarakhand Peyjal Sansadhan Vikas Evam Nirman Nigam Ltd., Dehradun, Rs. 1.15 lacs. *Recommendations & Design of Foundations for OHT*, Uttarakhand Peyjal Nigam, Dehradun, Rs. 1.15 lacs.

Dr. G. L. Asawa, CED, *Proposal for the analysis of the breached Palemvagu Earth Dam*, M/s United India Insurance Co. Ltd., Whites Road, Chennai, Rs. 1.00 lac.

Dr. Praveen Kumar, CED, *Design Parameters for PMGSY Roads of Moradabad PMGSY Roads*, Executive Engineer, Rural Engineering Services, Moradabad, Rs. 2.00 lacs.

Dr. Satish Chandra, CED, *Design of Overlay and Bituminus Mixes*, 1. PWD, Muzaffarnagar 2. PWD, Ghaziabad 3. Awarvali Power Company, NTPC, Ghaziabad 4. PWD, Hardoi, Rs. 1.40 lacs.

Dr. S. S. Jain, CED, *Quality Assurance of Service Road No. 57 in Delhi*, Executive Engineer, CRMD, M-211, Delhi, Rs. 1.49 lacs. *Roughness Evolution Studies on a Portion of NH-87 and Lab Studies*, Executive Engineer, NH Division, PWD, Almora (Uttarakhand), Rs. 1.17 lacs.

Dr. I. M. Mishra, CHD, *VOC Emission and control in Kochi Refinery*, ARW Engineers (India) Pvt. Ltd., Mumbai, Rs. 5.00 lacs.

Dr. D. K. Paul, DMC, *Design of the India Pavilion at Shanghai EXPO 2010*, Shri D.R. Naidu, Design C, Enkay Centre Block-A, Udyog Vihar, Phase-V, Gurgaon, Rs. 1.50 lacs. *MASW Profiling for Phuentsholing City, Bhutan*, Norwegian Geotechnical Institute, PO Box 3930, Ullevel Stadium, NO 0808 Oslo, Norway, Rs. 9.90 lacs.

Shear Wave Velocity Determination for Shongtong-Karchham HEP, Himachal Pradesh, Himachal Pradesh Power Corporation Limited, Kinnaur (H.P.), Rs. 5.00 lacs.

Dr. R. N. Dubey, EQD, *DPR of Rae Chatkeshwar Lake Pithoragarh (Structural Design and Cost Estimation of Acquurtenances)*, Uttarakhand Tourism Development Board Dehradun, Rs. 6.00 lacs.

Dr. Ashwani Kumar, EQD, *Site Specific design earthquake parameters study for Chhatru Hydroelectric Project*, DCM Shriram Infrastructure Ltd., New Shimla (H.P.), Rs. 5.00 lacs. *Site Specific design earthquake parameters study for Malari Jalam & Jalam Tamak HEP, UK*, Tehri Hydro Development Corporation Ltd., Bhagirathipuram, Tehri Garhwal, Rs. 7.50 lacs.

Dr. Himanshu Joshi, Hydrology, *Impact Assessment of Pilkhani Distillery*, Pilkhani Distillery & Chemical Works, Saharanpur, Rs. 1.78 lacs.

Dr. P. K. Ghosh, MMED, *Evaluation of dual pulse MIG Welding Machine Qineo Pulse from Cloos, Germany*, Mr. G.L. Mukhopadhyay, Director, Cloos India Welding Technology (P) Ltd., Greater Kailas-II, New Delhi, Rs. 6.20 lacs.

Bhawan Day Celebrations - 2009

Event	Organized by	Date
CROSS ROADS	Rajendra Bhawan	Feb. 20, 2009
ॐ DIPT	Cautley Bhawan	Feb. 24, 2009
VERVE	Ravindra Bhawan	Feb. 28, 2009
Auspice	Sarojini Bhawan	March 3, 2009
Crescendo	Govind Bhawan	March 17, 2009
Srijan	Ganga Bhawan Day	March 26, 2009
Jai ho	Azad Bhawan	March 28, 2009
Tarang	Jawahar Bhawan	April 18, 2009
Manas	Malviya Bhawan	April 25, 2009

