

# संवाद

भारतीय प्रौद्योगिकी संस्थान रुड़की

# Samvaad

Indian Institute of Technology Roorkee

निर्गम 52 (अंक 7) दिसम्बर 2007

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## New Year's Greetings

On behalf of Mrs. Indra Prabha Saxena and on my own behalf, I wish to convey our hearty greetings to all sections of the Institute community-the students, the teachers, the employees and their families for a Happy and Prosperous New Year.

Roorkee  
31st December, 2007

  
(S.C. Saxena)  
Director

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## ANNUAL CONVOCATION 2007



Standing on Dias L to R Sri K.C. Khanna, Sri J.P. Gaur, Sri B.S. Mehta and Prof. S.C. Saxena

The 7<sup>th</sup> Annual Convocation of the Institute was celebrated on November 17, 2007 in which a total of 1128 students received their B.Tech., B.Arch., M.Tech., M.Arch., M.Sc., M.B.A., M.C.A. and Ph.D. degrees. The Chief Guest of the convocation was the past President of Institute of Chartered Accountants of India, Sri Bansidhar Sunderlal Mehta. Shri Metha is one of the most well known professionals in the country, a practicing Chartered Accountant for nearly five decades, specializing in taxation and financial management.



Sri B.S. Mehta receiving the Degree of Doctor of Arts (Honoris Causa)

His name figured in the 2001-02 edition of International Who's Who of professionals. In his convocation address he said that "learning is a process that has no finite terminus and the true aim of the education is to enrich the character and education is only a means to achieve a higher goal WISDOM". Shri Mehta was conferred with the Degree of Doctor of Arts (Honoris Causa). Shri Kanhaya Charan Khanna, former Chairman, Steel Authority of India was conferred with the Degree of Doctor of Science (Honoris Causa). The Institute is proud of its new alumni.



The convocation function was chaired by Hon'ble Shri Jaiprakash Gaur Ji, Chairman JAYPEE Group of Industries and Chairman, Board of Governors, IIT Roorkee. In his address Shri Gaur said that under the onslaught of new technology and culture, we have to protect the human values such as tolerance, co-existence, brotherhood etc. in the institutions of higher learning, more attention should be given to the teaching of culture, languages, science and philosophy. Shri Gaur expressed the hope that in the knowledge driven society, our institute will play a major role and will become a pillar of strength. He also gave the degree recipients some tips about the essence of real life.

The Director Prof. S. C. Saxena presented the Annual Report for the period of November 2006 to November 2007 giving the details about the academic activities and new initiatives taken by the institute in various spheres such as International collaboration, new teaching programs, placement statistics, innovation in research and teaching and honors/awards won by faculty members.

On this occasion the Institute honored four of its distinguished alumni namely Prof. Jagdish Narain, former Vice-Chancellor of University of Roorkee and former Secretary, Association of Indian Universities; Prof. Digvijay Singh, former Vice-Chancellor of University of Roorkee and first Director of IIT Roorkee and presently the Chairman of the DST Program Advisory Committee on Technology Systems and the Chairman of the FAUP Technical Advisory Committee; Shri Desh Raj Singh, an eminent engineer and Shri Ashok Soota, former Chairman & Managing Director of Mind Tree Consulting Ltd. The Institute is proud of these alumni who have brought laurels to the Institute and the University of Roorkee through their deeds and contributions to the national endeavour of development. The prestigious Khosla National Award for Life Time Achievement in the field of Engineering was presented to Prof. Prem Chand Pandey, Emeritus Professor at IIT Kharagpur; A. S. Arya IITR Disaster Prevention Award for Outstanding Contribution in the area of Disaster Prevention/Mitigation was presented to Prof. D. K. Paul, Department of Earthquake Engineering, I.I.T. Roorkee and the V. N. M. M. award for Innovative and Creative Work in the Field of Engineering in India was given to Sri RakeshGoel, S. K. Dynamics Pvt. Ltd., Roorkee.

### **Chairman BoG Donated Rs. Five Crore**

During the Annual Convocation-2007, Hon'ble Shri Jai Parkash Gaur Ji, Chairman BOG mooted the idea of creating a corpus fund of Rs. 10.00 crore in the institute. Main objective of this corpus fund is to use interest accrued on it to meet such emergent expenditures in the institute for which the Government grants are not available. In order to build the fund, he himself has donated Rs. 5.00 crore.



### **Prof. Prem Krishna elected Vice-President of INAE**

Professor Prem Krishna, an alumnus and former faculty member of the Institute has been elected Vice-President of the Indian National Academy of Engineering (INAE) for a 3-year term. The Council of this prestigious engineering body, established about 20 years ago has been served earlier by three of our former Vice-Chancellors Prof. Jai Krishna as Founder President (1987-1991), Prof. N.C. Nigam as Hony. Secretary (1991-1995) and Vice-President (1995-1998) and Prof. D.V. Singh as Hony. Secretary (1997-2000) and Vice President (2001-2004). The Academy has at present about 560 fellows drawn from amongst all disciplines of engineering in academics, research, industry and governance.

Prof. Prem Krishna, graduated in Civil Engineering from the University of Roorkee in 1959 and received his Masters Degree in Structural Engineering in 1961. He obtained his doctoral degree from the University of London in 1964 and joined the faculty of the University of Roorkee shortly later. He retired in 1998. He was Head of Civil Engineering (1984-987), Dean R&IL (1987-1990) and Chairman of Sesquicentennial Celebrations Committee (SQCC) (1995-1997).

Prof. Krishna specializes in the area of long span steel construction where he has contributed in terms of books and research and design papers. His book entitled Cable Suspended Roofs published in 1978 by McGraw-Hill, New York, was the first on the subject. He has been actively engaged in the design of a number of cable stayed bridges in the country. His other major interest is in the area of Wind Engineering. He established a large Boundary Layer Wind Tunnel (the first of its type in India) at University of Roorkee, 25 years ago. He was instrumental in setting up the Indian Society for Wind Engineering in 1993 and was its first president (1993-2000). Prof. Prem Krishna was President of the International Association for Wind Engineering (1991-1995).

Prof. Prem Krishna held the professorial chair in Bridge Engineering set up by the Indian Railways at the Indian Institute of Technology Roorkee (2000-2003) and was till recently an Honorary Visiting Professor (2005-2007).

### **International Research Collaboration**

A research team of scientists from IIT Roorkee, India; Birzeit University, Palestine; HRI, Cairo, Egypt; and IHE, Delft, The Netherlands led by Dr. Himanshu Joshi, Deptt. of Hydrology has been assigned the task to develop a collaborative research proposal on "Techno-economic assessment of Constructed Wetlands for wastewater treatment and reuse" under the UNESCO IHE Partnership for Water Education and Research.



## Visit of Director to RMIT, Victoria University and NUS



*Dr. Madeleine Reeve and Prof. S. C. Saxena signing MoU at RMIT*



*Prof. Saxena concluding the session, chaired by him at RMIT University*

Prof. S. C. Saxena visited the RMIT University, Melbourne, Australia during 27<sup>th</sup> Nov. 07 to 1<sup>st</sup> Dec. 07. The Dean of Students' Welfare Prof. V. K. Gupta also accompanied the Director and had discussions with the faculty of Applied Chemistry for a possible collaboration between the two institutes. During this period, he chaired a session on 28<sup>th</sup> Nov. 07 in the World Conference Group at RMIT University. A dinner was hosted by the Vice Chancellor of RMIT University, in the evening on 28<sup>th</sup> Nov. 07.

On 29<sup>th</sup> Nov. 07 he visited Victoria University, Melbourne and discussed



*Prof. V. K. Gupta and Prof. S. C. Saxena with IIT Roorkee students at NUS*



*Prof. Saxena in discussion with officials at Victoria University*

the ongoing collaboration with Victoria University and explored the possibility for future active collaboration. In the afternoon on 29<sup>th</sup> Nov. 07, he had long discussions with the International Division of RMIT University, signed a MoU with Dr. Madeleine Reeve, PVC (International and Development). On 30<sup>th</sup> Nov. 07 he had a meeting with the active researchers of RMIT University, their PVC, Dean of International Division and it was decided that for an active collaboration an Australian Delegation will visit IIT Roorkee sometime in Feb. 08 possibly in a one/two day workshop to find out the areas of mutual interest.

Prof. Saxena and Dr. V. K. Gupta then returned to Singapore on 1<sup>st</sup> Dec. 07 and visited the National University of Singapore (NUS). There, the Director had a meeting with the students working in exchange programme at NUS. He had discussions with the faculty of Engineering for further collaboration.

### AWARDS / HONOURS

- ♦ Dr. Arun K. Saraf, Professor, Department of Earth Sciences, has been nominated as Scientific Board Member of the International Geoscience Programme (IGCP) for a term of four years (2008-2011). IGCP is a co-operative effort of both UNESCO and IUGS (International Union of Geological Sciences). Both organizations have received a large number of nominations from around the world. Decision to nominate Prof. Saraf to the board clearly indicates the recognition of his extraordinary scientific qualifications, in-depth experience and exceptional professional accomplishments by both the international organizations (UNESCO & IUGS).
- ♦ Dr. Himanshu Joshi, Deptt. of Hydrology has been conferred upon the "ENDEAVOUR EXECUTIVE AWARDS 2008" of Govt. of Australia to undertake a Professional Development Program in Australia.
- ♦ Four students of B. Tech (Civil) II Year, Ankush Sharma, Atul Harkut, Deepak Yadav and Himanshu Gupta, presented a paper on Determination of thaw depth for shallow foundation in seasonally frozen area in Geoconcept 07 organized by SGSITS, Indore. They won first prize on their paper.



## NOTIFICATIONS

**No. Estt.(A)/0707/D-63(III) Dated: December 27, 2007**

Director is pleased to extend the tenure of the following officials in DOSW organization w.e.f. 01.01.08 to 31.12.08:-

Sl. No.	Name, Designation & Department	Position	Bhawan
1.	Dr.M.L. Kansal, Assoc. Professor., WRD & M	Chief Warden	Azad Bhawan
2.	Dr. N.P.Padhy, Assoc. Professor, Electrical Engg.	Chief Warden	Jawahar Bhawan
3.	Dr. G.S.Agarwal, Assoc. Professor, Mathematics	Chief Warden	Govind Bhawan
4.	Dr. N.K. Samadhiya, Professor, Civil Engg.	Chief Warden	Ravindra Bhawan
5.	Dr. R.P.Maheshwari, Assoc. Professor, Electrical Engg.	Chief Warden	Rajendra Bhawan
6.	Dr.A.K. Singh, Professor, Chemistry	Chief Warden	Ganga Bhawan
7.	Dr. U.P.Singh, Assoc. Professor, Chemistry	Chief Warden	KIH
8.	Dr. R.P.Saini, Assoc. Professor, AHEC	Chief Warden	Cautley Bhawan
9.	Dr. (Mrs.) Shashi, Asstt. Professor, Chemical Engg.	Chief Warden	Sarojini Bhawan
10.	Dr. Barjeev Tyagi, Asstt. Professor, Elect. Engg.	Warden	Cautley Bhawan
11.	Dr. Y. Singh, Asstt. Professor, Eq. Engg.	Warden	KIH
12.	Dr. Pravindra Kumar, Asstt. Professor, Biotechnology	Warden	Jawahar Bhawan
13.	Dr. (Mrs.) Shailly Tomar, Lecturer, Biotechnology	Warden	Sarojini Bhawan
14.	Dr. Shishir Sinha, Asstt. Professor, Chemical Engg.	Warden	Azad Bhawan
15.	Dr. (Mrs.) Aditi Gangopadhyay, Asstt. Professor, Mathematics	Warden	Kasturba Bhawan
16.	Dr. Nagendra Kumar, Asstt. Professor, Hum. & Soc. Sc.	Warden	Rajendra Bhawan
17.	Dr. Apurbba Kumar Sharma, Asstt. Professor, MIED	Warden	Ravindra Bhawan
18.	Shri Ashish Kumar Pandey, R/S, Chemistry	Asstt. Warden (Residential)	Azad Bhawan
19.	Shri Vishnu Agarwal, R/S, Biotechnology	Asstt. Warden (Residential)	Cautley Bhawan
20.	Shri Ratnesh Kumar, R/S, Earthquake Engg.	Asstt. Warden (Residential)	Jawahar Bhawan
21.	Shri Ram Avatar Sharma, R/S, Chemistry	Asstt. Warden (Residential)	Ravindra Bhawan
22.	Shri Vikas Kumar Pundeer, R/S, Biotechnology	Asstt. Warden (Residential)	Rajendra Bhawan
23.	Sri Bhaskar R. Nikam, R/S, WRD & M	Asstt. Warden (Residential)	Rajendra Bhawan
24.	Shri Virender, R/S, Chemistry	Asstt. Warden (Residential)	Govind Bhawan
25.	Ms. Avalokita Agarwal, R/S, Arch. & Plang.	Asstt. Warden (Residential)	Sarojini Bhawan
26.	Ms. Sanghamitra Chatterjee, R/S, Chemistry	Asstt. Warden (Residential)	Sarojini Bhawan
27.	Ms. Deepmala Sharma, R/S, Mathematics	Asstt. Warden (Residential)	Kasturba Bhawan

**No. Estt.(A)/0708/D-63(III) Dated: December 27, 2007**

Director is pleased to approve the following appointments under DOSW organization w.e.f. 01.01.2008 to 31.12.2008.

Sl. No.	Name, Designation & Department	Position	Vice
1.	Dr. Bina Gupta Assoc. Professor, Deptt. of Chemistry	Chief Warden Kasturba Bhawan	-
2.	Dr. R.D. Garg Asstt. Professor, Deptt. of Civil Engg.	Warden Ganga Bhawan	Dr. Ravi Kumar Assoc. Professor, M & IED.
3.	Dr. Rajat Rastogi Asstt. Professor, Deptt. of Civil Engg.	Warden Govind Bhawan	Er. M.K. Singhal Sr. Scientific Officer, A.H.E.C.
4.	Shri H.G. Gundekar Research Scholar, Hydrology	Asstt. Warden (Residential) Ganga Bhawan	Shri P.N. Chandramouli Research Scholar, Civil Engg.



## INDEST - AICTE WORKSHOP



Prof. Prem Vrat, Vice Chancellor, U.P. Technical University lighting the lamp



Central Library of the Institute

The Fifth Annual Meet and Indest-AICTE Workshop on the theme "Academic Libraries in 2020" was organized by the Central Library, IIT Roorkee during December 27-28, 2007. This event was organized for the first time outside Delhi.

The event was inaugurated by Prof. Prem Vrat, (former Director, IIT Roorkee) and now Vice-Chancellor, U.P. Technical University, Lucknow on 27<sup>th</sup> December 2007 by lighting the lamp. Prof. S.C. Saxena, Director, IIT Roorkee presided over the function and welcomed the participants of the workshop and gave detailed description of the importance of the library and library services in IIT Roorkee. Prof. Surendra Kumar, Chairman, Library Advisory Committee, and, Dean, Finance & Planning introduced the chief guest. Prof. Prem Vrat in his speech insisted on the changing role of the libraries and library profession. He emphasized that the library services have become Saakaar to Niraakaar and therefore the attitude and the skill of the library professionals should be changed accordingly. They should now act pro-actively rather than providing services on demand.

Renowned professionals and academicians from all over the country participated in the workshop and prominent amongst them were Dr. Shalini Urs, Director, International School of Information Management, Mysore, Mr. N.V. Sathyanarayana, CMD, Informatics, Bangalore, Dr. Roshan Lal Raina, Director, Lal Bahadur Shastri Institute of Management, New Delhi and many others.

The event concluded on 28<sup>th</sup> December 2007 in which Prof. Surendra Prasad, Director, IIT Delhi was the Chief Guest and Dr. (Mrs.) Kalpna Dasgupta of National Knowledge Commission, New Delhi was the Guest of Honour. In the conclusion a vote of thanks was given by Sri Yogendra Singh, Institute Librarian, and, Organizing Secretary of the event.

About 90 participants attended the annual meet and workshop and enjoyed their stay at IITR campus. Many of the participants also made a trip to take bath in the holy river Ganga. They highly appreciated the arrangements made for them and hospitality extended.

### Sponsored Research Projects

w.e.f. 1.12.2007 to 31.12.2007 (above Rs. 5.00 lacs or more)

- **Dr. Sandeep Bansal**, PI of DST Project, Met & Mat. Engg. Deptt., ***The determination of resistance to stable crack extension of ductile material and their weld using specimens of low constraint by measurement of stretched zone width formed during fracture***, DST, Rs. 10.74 lacs.
- **Dr. B. K. Maheshwari**, Asstt. Prof. Earthquake Engg. Deptt., ***Dynamic Properties and Liquefaction Resistance of Soil Using Cyclic Triaxial Test***, DST, Rs. 64.66 lacs.
- **Dr. P. K. Garg**, Prof., Civil Engg. Department, ***Development of A Critical Infrastructure Information System in GIS Environment for Maintenance of Bridges on National & State Highways***, Central Road Research Institute, New Delhi, Rs. 7.97 lacs.
- **Dr. Ritu Barthwal**, Prof., Biotechnology Deptt., ***Search for therapeutic agents of herbal origin to target diabetes and cancer***, G.B. Pant Institute of Himalayan Environment and Development (GBPIHED), Almora, Uttarakhand, Rs. 7.93 lacs.
- **Dr. U. P. Singh**, Assoc. Professor, Chemistry Deptt., ***Zn (II) and Cd (II) Hydroxo Complexes with Tris (Pyrazoly) Borate (N3) and Tris (Thioimidazoly) Borate (S3) Ligands for Ester Hydrolysis***, CSIR, Rs. 10.96 lacs.



## Consultancy Projects

w.e.f. 1.12.2007 to 31.12.2007 (above Rs. 1.00 lac or more)

- **Dr. J. D. Sharma**, AHEC, *Tariff Proposal for Electricity Generated by BHPC to BSEB*, Bihar Hydropower Corporation Ltd., Patna, Rs. 2.62 lacs.
- **Shri Arun Kumar**, AHEC, *Chapter on SHP to Promoting Renewable Energy Technology for Industrial Applications*, TERI, Darbari Seth Block, Lodhi Road, New Delhi, Rs. 1.78 lacs.
- **Dr. M. P. Sharma**, AHEC, *Water Quality Monitoring of Mansi Lake Restoration work*, UP Jal Nigam, Mathura, Rs. 9.41 lacs.
- **Dr. M. N. Viladkar**, CED, *Studies Related to Stability of Reservoir Rim Karcham Wangtoo H.E. Project (HP)*, Jaypee Ventures Pvt. Ltd., New Delhi, Rs. 8.63 lacs.
- **Dr. Vipul Prakash**, CED, *Structural Design of 300 m Long R.C.C. Bridge on River Solani*, Executive Engineer, Constr. Div, P.W.D. Roorkee, Rs. 19.50 lacs.
- **Dr. Indu Mehrotra**, CED, *Rapid Environmental Impact Assessment (Report Preparations etc.)*, Rs. 2.20 lacs.
  - *Rapid Environmental Impact Assessment (Laboratory Analysis)*, Member Secretary, Andaman & Nicobar Administration, Pollution Control Committee, Port Blair, Andaman & Nicobar, Rs. 3.10 lacs.
- **Dr. A. K. Jain**, CED, *Design of Tower Foundation*, Ex. Engr., Power Transmission Corp., Dehradun, Rs. 1.15 lacs.
- **Dr. N. K. Samadhiya**, CED, *Stress Strain Analysis of Major Underground Caverns for Vishnugad Pipalkoti HE Project*, General Manager, Design (Civil & HM), THDC Ltd, Rishikesh, Rs. 18.00 lacs.
  - *Soil Investigation for Welt Foundations for 132 KV Kashipur, Bazpur Line*, The DGM (Project Civil Const.), PTCUL, Srinagar, Rs. 3.60 lacs.
  - *Soil Investigation for 400 KV Switchyard of Koteswar Hydro Electric Project*, The AGM (QC), Koteswar Hydro Electric Project, Koteswar Puram, Rs. 3.50 lacs.
- **Dr. S. Mittal**, CED, *Soil Test for Solani Bridge*, PWD, Roorkee, Rs. 1.36 lacs. *Soil Tests for New Industrial Sheds*, BHEL, Haridwar, Rs. 1.00 lacs.
- **Dr. S. S. Jain**, CED, *Expansion & Strengthening of Apron & Construction of New Taxi Way at Lucknow Airport*, Senior Manager (Engg-C), Airport Authority of India (AAI), Amousi, Lucknow, Rs. 1.36 lacs.
- **Dr. Satish Chandra**, CED, *Post Construction tests on different roads in Rishikesh*, Temporary Division, PWD, Rishikesh, Rs. 3.06 lacs.
- **Dr. N. M. Bhandari**, CED, *NDT on Outlet work at Nainital Lake*, Nainital Lake main area Vikas Pradhikaran, Nainital, Rs. 1.25 lacs.
- **Prof. V. K. Gupta**, CED, *Testing of Materials*, Nagar Palika Parishad, Pithoragarh, Rs. 1.40 lacs.
- **Dr. Mahendra Singh**, CED, *Soil testing and recommendations for foundation design of Yojna Bhawan*, Executive Engineer, Construction Division, PWD, Dehradun, Rs. 2.50 lacs.
- **Dr. S. S. Jain**, CTS, *Traffic Management of Dehradun City*, Uttarakhand Police Deptt. Garhwal Range, Dehradun, Rs. 8.80 lacs.
- **Dr. D. K. Paul**, EQD, *Site Specific Design Earthquake Parameters for Rampur Hydro Electric Project*, Satluj Jal Vidyut Nigam Limited, Shimla-9, Rs. 4.00 lacs.
  - *Site Specific Study of Shahpur 2x600 MW Thermal Power Project*, Reliance Energy Limited, 2<sup>nd</sup> Floor, Reliance Energy Centre, Santa Cruz (E), Mumbai, Rs. 5.00 lacs.
- **Dr. M. Israil**, ESD, *Electrical resistivity survey at Dam Site of Jangi Thopan-Powari Hydroelectric Project, H.P.*, M/s Brakel Kinnaur Power Private Limited, Shimla Himachal Pradesh. Rs. 1.52 lacs.
- **Dr. V. K. Goel**, MIED, *Design Development of Fixture for Road Transport*, Rs. 9.10 lacs.
  - *Design Vetting of Erection Bases for 800 MW Rotor*, BHEL, Ranipur Hardwar, Rs. 5.60 lacs.
- **Prof. D. Das**, WRD & M, *DPR for Desang SHP*, Assam Power Projects Development Co. Pvt. Ltd., Hotel Brahmputra Ashok, MG Road, Pan Bazaar, Guwahati, Rs. 12.50 lacs.

### 43<sup>rd</sup> INTER IIT SPORTS MEET 2007

43<sup>rd</sup> Inter IIT Sports Meet 2007 was held from 14<sup>th</sup> to 21<sup>st</sup> December 2007 at IIT Bombay. IIT Roorkee contingent consisting of 122 students (98 boys + 24 girls) took part in the Sports Meet. Their performance are given below :

- The IIT Roorkee contingent won the March Past Trophy for their excellent performance and discipline during the March Past.
- The following teams have played in the finals & won the medal in team games:
 

(a) Hockey (Boys)	-	Won Silver Medal
(b) Basketball (Girls)	-	Won Silver Medal
(c) Badminton (Girls)	-	Won Silver Medal
- The following students/Athletes have won the medal in various Individuals events.
 

(a) Mr. Ashish Arpit, B.Tech, Met. II	-	Shot put - Bronze Medal & Discus - Silver Medal
(b) Ms. Gargi Singh, B.Tech, Civil III	-	Shot put - Silver Medal
(c) Mr. Devesh Kumar, B.Tech, Civil III	-	Wt. Lifting - Bronze Medal (56 to 62 kg)
(d) Mr. Kaushal Kishore, B.Tech, Civil III	-	Wt. Lifting - Bronze Medal (upto 56 kg)
(e) Mr. Hitler Deshwal, B.Tech, P & P II	-	Body Building/Best Physique Bronze Medal

In the overall position IIT Roorkee stood 6<sup>th</sup> place in the students meet.



## Participation in Conferences / Symposiums / Workshops / Meetings

- Prof. S. C. Saxena, Director, I.I.T. Roorkee, attended the AICTE National Conference on "Development of Technical Education in India" on 17<sup>th</sup> and 18<sup>th</sup> December, 2007 at New Delhi. He was a distinguished speaker in the Conference and addressed the eminent gathering of the Directors/Vice-Chancellors on the "Role of AICTE in the Changing Environment and Global Competitiveness".
- Dr. R. N. Goyal, Professor, Department of Chemistry, attended the National Conference on Greener Aspects of Electrochemistry held at School of Studies in Chemistry at Jiwaji University, Gwalior during December 07-09, 2007. Professor Goyal was the Chief Guest at the Inaugural function and he also delivered a Keynote address on, "Nanomaterials in Electrochemistry Why?" The conference was dedicated to late Professor Wahid U. Malik, Former Head of the Chemistry Department, IIT Roorkee (erstwhile University of Roorkee), who initiated electrochemical studies in the country and was one of the pioneer workers of electrochemistry.
- Dr. Rajendra Prasad, Associate Professor, Department of Electrical Engineering presented a paper entitled 'Pade Approximants for Linear Multivariable Systems using Stability Equation Method' at National Systems Conference (NSC-2007) held in the Department of Instrumentation & Control Engineering at MANIPAL INSTITUTE OF TECHNOLOGY, Manipal, Karnataka, during Dec. 14-15, 2007. He also chaired one technical session of the conference.
- Dr. Rajendra Prasad, Associate Professor Department of Electrical Engineering delivered an invited lecture on 'Reduction of Multi input Multioutput Systems' in the Short term training Programme on 'Robust Control and Applications' held at the Deptt. of Electrical Engineering, NIT Kurukshetra during Dec. 17-21, 2007.
- Ms. Nahid Habib, A Research Scholar in the Department of Electrical Engineering, presented a paper entitled, 'Fuzzy Gain Scheduling of PID Controller with Perturbation' at the National Systems Conference (NSC-2007) held in the Department of Instrumentation & Control Engineering at MANIPAL INSTITUTE TECHNOLOGY, Manipal during Dec. 14-15, 2007.
- Dr. R. P. Maheshwari, Associate Professor in the Department of Electrical Engineering visited NIT Rourkela on 30<sup>th</sup> November 2007 and delivered an expert lecture on "Issues and Challenges of Protective Relaying". He also visited "Siksha 'O' Anusandhan University" at Bhubaneswar and delivered a talk on "High Speed Protection of Traction OHEA State of Art Approach". Both of his talks were highly appreciated by the large audience present there.
- Dr. Daya Shanker, Assistant Professor, Department of Earthquake Engineering, attended "Twenty Third National Convention of Civil Engineering & National Seminar on Seismic Response: Design and Strengthening of Buildings & Structures, organized by Civil Engineering Division of Institution of Engineers (I) Kolkata and hosted by Institution of Engineers (India) Jabalpur Local Centre, Jabalpur from 27<sup>th</sup> to 28<sup>th</sup> October 2007. Dr. Shanker presented his research paper entitled "Testing time-predictable earthquake recurrence model A successful Prediction of October 08, 2005 Kashmir Earthquake". He also chaired a Technical Session in the Convention.
- Centre of Excellence in Wind Engineering, Tokyo Polytechnic University Japan has organized a series of International Workshops on Regional Harmonization of Wind Loading and Wind Environmental Specifications in Asia-Pacific Economies (APEC-WW) in Japan 2004, Hong Kong 2005, India 2006. Dr. Gairola was invited to participate in them and recently Dr. Gairola visited Tongji University, Shanghai, China 2007 to participate in the above meeting during November 18-22, 2007.

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### Director's Visit to CPRI and IIT Mumbai

- Prof. S. C. Saxena visited Central Power Research Institute (CPRI), Bangalore on 12<sup>th</sup> December 2007 and was the Chief Guest in the inaugural session of the International Conference on "Power Systems". He also reviewed the activities being undertaken under MoU between IIT Roorkee and CPRI. Prof. Saxena visited facilities in Power System Division, High Voltage Laboratory and High Power Laboratory at CPRI.
- Prof. Saxena attended the Directors Meet and also the combined Meeting of the Chairmen and Directors of IITs at IIT Mumbai on 16<sup>th</sup> December, 2007.



## Appointments

Director is pleased to appoint the following for a period of one year w.e.f. 01.01.2008 to 31.12.2008.

A. Deans:		
1.	Dean, Undergraduate Studies	Prof. G. S. Srivastava
2.	Dean, Postgraduate Studies & Research	Prof. H. O. Gupta
3.	Dean, SRIC	Prof. S. Ray
4.	Dean, Faculty Affairs	Prof. D. K. Paul
5.	Dean, Administration	Prof. S. C. Jain
6.	Dean of Students Welfare	Prof. V. K. Gupta
7.	Dean, Saharanpur Campus	Prof. R. P. Agarwal
8.	Dean, Finance & Planning	Prof. Surendra Kumar
9.	Dean, Alumni Affairs	Prof. H. Sinval
10.	Associate Dean, Faculty Affairs	Prof. S.C. Sharma
11.	Associate Dean Academic	Prof. Pramod Agarwal
12.	Associate Dean (SRIC)	Prof. B. K. Mishra
13.	Associate Dean (Mess)	Prof. S. Mukherjee
14.	Associate Dean (Discipline)	Shri R. K. Jain
15.	Associate Dean (Foreign Students)	Dr. Deepak Khare
16.	Faculty Advisor (SC/ST Students)	Dr. Vikas Pruthi
B. Head of Departments		
1.	Architecture & Planning	Prof. S. Y. Kulkarni
2.	Bio-technology	Prof. B.M.J. Pereira
3.	Civil Engineering	Prof. G. L. Asawa
4.	Chemical Engineering	Prof. Shri Chand
5.	Chemistry	Prof. Kamaluddin
6.	E. & C. Engg.	Prof. D. K. Mehra
7.	Electrical Engg.	Prof. S. P. Gupta
8.	Earthquake Engg.	Prof. Ashwani Kumar
9.	Earth Sciences	Prof. R. P. Gupta
10.	Hum. & Social Sciences	Prof. (Mrs.) Renu Rastogi
11.	Hydrology	Prof. N. K. Goel
12.	Mathematics	Prof. S. P. Sharma

## Retirements

(December 2007)

- 1- Sri Masoom Ali, Tele. Lineman, Tele. Exchange
- 2- Smt. Hafiza Begum, Peon Gr. II, EED
- 3- Sri Kashi Ram II, Sr. Attdt., C.E.D.
- 4- Sri Subodh Prakash, Lab Supdt., Earth Sciences
- 5- Sri R. K. Sharma, Jr. Supdt., E&CE
- 6- Sri H. S. Varma, Nursing Sister, Hospital
- 7- Sri Mange Ram Pal, Jr. Supdt., General Section

## Forthcoming Events

- ♦ Conference on "Power Electronics, Drives and Energy Systems for Industrial Growth", January 13-16, 2009  
Electrical Engg. Department

13.	Mechanical & Industrial Engg.	Prof. Pradeep Kumar
14.	Met. & Mat. Engineering	Prof. S. K. Nath
15.	Management Studies	Prof. V. K. Nangia
16.	Physics	Prof. B. D. Indu
17.	Paper Technology	Prof. J. S. Upadhyay
18.	Water Resource Dev. & Management	Prof. Ram Pal Singh
Head of Academic Centres		
1.	AHEC	Shri Arun Kumar
Head of Centre of Excellence		
1.	Centre for Transportation System	Prof. S. S. Jain
2.	Disaster Mitigation & Management Centre	Prof. D. K. Paul
3.	Centre of Nanotechnology	Prof. Anil Kumar
Head of Academic Service Centres		
1.	Continuing Education Centre	Prof. Vinod Kumar
2.	Institute Computer Centre	Prof. Padam Kumar
3.	Information Superhighway Centre	Prof. Padam Kumar
4.	Institute Instrumentation Centre	Prof. A. K. Chaudhary
C. Professor in Charges		
1.	Security	Prof. Ranvir Singh
2.	Training & Placement	Prof. P. K. Jain
3.	Communications	Prof. S. N. Sinha
4.	Guest House	Prof. R. P. Singh
D. Chairmen		
1.	Library Advisory Committee	Prof. Surendra Kumar
2.	Hospital Advisory Committee	Prof. D. K. Nauriyal
3.	A. C. C.	Prof. S. K. Verma
4.	E. & W.	Prof. V. K. Gupta
E. Coordinators		
1.	Quality Improvement Programme	Prof. Vinod Kumar
2.	Educational Technology Cell	Prof. Bikash Mohanty
3.	I. P. R. Cell	Prof. P. K. Ghosh
F. Officer-in-Charge, Transportation		
		Dr. Sandeep Singh

**सबके प्रति समान स्नेह रखने से आप धैर्य का जीवन जी सकते हैं।**

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