



## Our Vision

To build a vibrant multicultural learning environment founded on value based academic principles, wherein all involved shall contribute effectively, efficiently and responsibly to the nation and global community.

## NIT Hamirpur Ranks 20<sup>th</sup>

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## Message From The Director



Prof. I. K. Bhat, Director

As we stand on the threshold of another year with renewed hope of success, prosperity and peace, it brings a sense of pleasure and satisfaction to present before you the latest issue of newsletter. The newsletter provides the glimpses of the efforts put in by the faculty, staff and students of NIT-Hamirpur during last 4 months. The events given in this letter yet again show that NIT-Hamirpur is joining the leading institutions of the world in its endeavour to supplement the R&D, faculty development, problems concerning community, development of technical professional with a human touch. We need to craft a strategy and manage change to contribute to remain relevant and useful to our institute and profession.

The faculty and staff are doing what is right for delivering long terms values to all stakeholders of technical education system – students, faculty, alumni, parents, board members and the larger community it serves. It is due to their complete devotion and dedication that NIT-Hamirpur has been rated at 9.00 on a ten point scale by the world bank auditors who visited this institution recently. I congratulate Every NITian for the work done and hope that they will continue to do so in future also. We need to consolidate the good work carried out over two decades and find new innovative ways to work for future. During this period a lot of programmes have been organized viz. short terms courses, training programmes, community development programmes, tribal development programmes, conferences, workshops etc. The feedback from the participants reveals that the quality of delivery in these programmes has been excellent. Though R&D activities have picked up, yet I expect that there will be further boost in this area and more faculty members will have R&D projects to handle in near future. This is expected to increase the number of research papers published. Our commitment is to continually upgrade whatever we are doing by choice, develop new design plans for managing the academic systems which are information driven and adaptive to new trends and this is what will help us in moving forward.

The alumni have also responded positively this time and have started coming together. Three new chapters at Shimla (India), Delhi (India) and California (USA) have started during this period. I am confident that the suggestions received from them will help us to move on the path of excellence.

I take this opportunity to congratulate the editorial board of newsletter for their untiring effort in collecting and compiling the data without which it would have not been possible to place this news letters in your hands.

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## Short Term Courses/Training Programmes Conducted



Prof. IK Bhat, Director NIT Hamirpur lighting the inaugural lamp in STTP-VLSI07



Inaugural ceremony of STC on "Transformer Engineering, Protection and Diagnostics"



Training session during STC on "Transformer Engineering, Protection and Diagnostics"

- Short Term Training Programme (STTP) on "**VLSI Design & Tools-VLSI-07**" under NIT Hamirpur Seminars & SMDP-II Project organized by E&CED, NIT Hamirpur HP, for 5 Days from Dec 4-8, 2007. 30 participants faculty and students of NIT Hamirpur were trained in using SPICE and VLSI EDA Tools. **Dr. Rajeevan Chandel** AP & Head E&CED & **Er. Philemon Daniel**, VLSI Faculty were the coordinators of the training programme. The 5 days Short Term Training Programme on VLSI Design & Tools conducted by Electronics & Comm. Engg Dept. of NIT Hamirpur, was inaugurated on Dec 4<sup>th</sup>, 2007. The Chief Guest was Prof I. K. Bhat Director NIT Hamirpur. He appreciated the efforts of the Department and suggested that such intensive course could be designed as a 1 or 2 Credit Course so that participants attending it get an added advantage. Various design aspects in the emerging area of electronics circuits i.e. VLSI were taught to the participants. Softwares to be used too were taught to them. Dr. Rajeevan took the inaugural Technical session and gave detailed over view of Electronic devices and SPICE software used for designing the electronic circuits. Er. Philemon Daniel delivered two lectures, Mrs. Gargi Khanna, Mrs. K Dutta, Er Pankaj Kamboj, Er Gurvinder Singh and Er. P. Singh delivered an expert lecture each in the STTP.

- TIFAC-CORE (Power Transformer Diagnostics) organized one week short-term course on "**Transformer Engineering, Protection and Diagnostics**" during 3<sup>rd</sup> –6<sup>th</sup> Oct., 07. The course was well attended by engineers (17 Nos.) from Himachal Pradesh State Electricity Board mostly at senior positions, transformer manufacturing industry (2 Nos.) and academic institutions (26 Nos.). The course was inaugurated by Prof I K Bhatt, Director NIT Hamirpur and Prof S V Kulkarni, IIT Bombay & Dr M M Goswami, Additional General Manager, PGCIL Gurgaon were the Guest of honour. During the course expert lectures were delivered by Prof S V Kulkarni (IIT Bombay), Dr M M Goswami (PGCIL, Gurgaon), Er N M Bhangre (CGIL Bombay), Dr V Srinet (ERDA Vadodra), Mrs Aradhdhna Ray (Doble India), Er Vibhay Kumar (PGCIL Gurgaon) and Dr S R Kannan (Chairman, RMC) on the design, installation, protection, diagnostics and condition monitoring of Power Transformer. Contents delivery was supplemented by field test at ANU Substation to give hand-on experience to participants. Prof S R Kannan, Chairman RMC was the Chief Guest of the valedictory function. The course was coordinated by **Prof Sushil Chauhan** and **Prof R N Sharma**.

- A two Days Programme on "**AUTOCAD**" under TEQIP for the faculty and the technical staff was organized by the Deptt. of Architecture of NIT Hamirpur (HP) from 22<sup>nd</sup> – 23<sup>rd</sup> November, 2007. The Course was very well attended by the faculty namely Dr. Rakesh Sehgal, Mr. Varun, Dr. Y.R Sood, Dr. R.K Jarial, Dr. Veena Sharma, Sh. O.P Rahi, Dr. R.S Banshtu, Dr. R.K Dutta, Er. S.S Katoch, Dr. Saroj Thakur, Dr. Subhash Chand, Ar. Amitava Sarkar, Ar. Sandeep Sharma, Er. Sant Ram Chauhan, Sh Sidharth Chauhan, Sh. Amar Patnaik, Dr. Rajiv Sharma, Er. Saroj Pradhan, Sh. Parminder Singh and the technicians Sh. Suresh Dhiman and Sh. Dinesh Kumar The Course was coordinated by **Ar. I.P Singh** Head Architecture **Prof. Minakshi Jain** and **Ar. Vandna Sharma**.

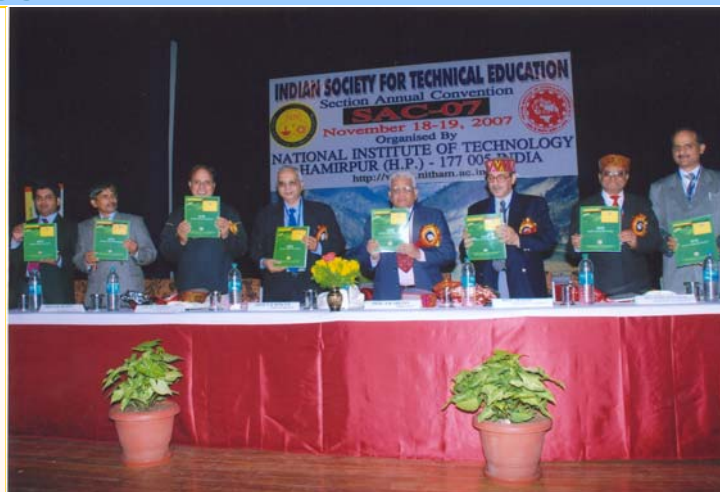


## Conferences/Workshops Conducted

• NIT Hamirpur organized ISTE Section Annual Convention on 18<sup>th</sup>-19<sup>th</sup> November, 2007. The Theme of the Convention was “**Quality Assurance in Technical Education**”. The Convention Started with Inaugural Function on 18<sup>th</sup> November 2007 morning. The Chief Guest of the function was Prof. N.R. Shetty- President ISTE, Prof. C.K. Kokate, Vice Chancellor of KLE University, Karnataka was the guest of honour. On the opening day Prof. C.K. Kokate delivered the Keynote Address on “Research & Development in Technical Education”. There after Prof. Kokate chaired a technical Session. In the Post lunch session Prof. Harvansh Chaturvedi, Director Birla Institute of Management & Technology, G. Noida delivered the Keynote address on Brand Building of an institution. On the next day Prof. I.K. Bhat delivered the Keynote address on “Stress Management, in which Prof. Bhat highlighted the type of stress & their effects on the human both psychological & physiological. Then Prof. Bhat Chaired a technical Session. In Post Lunch Session, Prof. S.M. Charterjee, former Vice Chancellor of Bengal Technical University delivered his keynote address on “Continuing Education Program”. In which Prof. Charterjee stressed that Governing bodies should contribute more for highlighting the importance of continuing education. The Section Annual Convention Comes out with recommendations Like: Development of entrepreneurship, Quality research & Innovation, P3: Patent-Publish-Prosperous, Need of Education Management, Promotion of Continuing Education, Institution Specialization is to be identified, Teachers Training Programmes, Team Work should be emphasized.

• One week short term course on “**Current Inclinations in Biotechnology**” was organized by Department of Applied sciences and Humanities from 11-15 December 07. Prof. Tej Pratap Vice Chancellor Kirishi Vishavvidyalya Palampur was the chief guest of the inaugural function. Prof I.K. Bhat Director NIT Hamirpur and Dr. Kamlesh Asotra Biomedical Research Administrators University of California Office of President, USA were the guests of honor. Thirty six participants from various technical institutes, universities and research laboratories attended the course. Inaugural Lecture was delivered by Prof. Tej Partap. Dr. Kamlesh Asotra, Dr. Parminder P. Mehta Associate Professor, Department of Biochemistry and Molecular Biology, University of Nebraska Medical Center, Omaha, NE, USA, Dr. Pardeep Bhattacharya, Director, Enhanced Magnetic Resonance Laboratory, Huntington Medical Research Institutes, Pasadena, and Assistant Professor, Keck School of Medicine, University of Southern California, Los Angeles, CA, USA., Dr. Edward Lammer, Children's Hospital Oakland Research Inst. Oakland, CA , USA, Dr. Lara Gundel , Staff Scientist, Lawrence Berkeley National laboratory Berkeley, CA, USA, Dr. Peter Liederman, J.D. Law Offices of Liederman Berkeley, CA, USA , Prof. H.C Trivadi Vice chancellor, Bhavnagar University , Dr. Dhaliwal Department of Biotechnology, IIT Roorkee, Dr. R. Kishore , IMTech, Chandigarh, Prof. S.S. Gosal , Dept of Biotechnology PAU, Ludhiana, Dr. P.K. Khosla (Former Vice Chancellor), SIBBA, Solan H.P, Dr Manju Modgil, Associate Prof Y.S. Parmar University Solan delivered lectures on diverse area of Biotechnology. **Dr. Pamita Awasthi**, was the coordinator of the course, **Dr. Lalit K. Awasthi**, **Dr. A.S.Singha**, and **Dr. P.C.Rahyal**, **Sh Yogesh Gupta** were the co-cordinators and organizing secretaries of the course respectively.

• **Induction Training programme ITP-07** was organized on 24 September 2007 by **Dr. Ashwani Chandel** and **Dr Rajesh Sharma**, in E&CE Department for 40 newly recruited faculty members of NIT Hamirpur HP. Prof. I. K. Bhat Director NIT Hamirpur, Prof Anoop Kumar, Prof. Sushil Chauhan, Prof. Vinod Kapoor, Dr. Piar Chand, Dr. Ashwani Chandel and Dr. Rajeevan Chandel were the experts for ITP-07.



Inaugural ceremony of SAC-07



Inaugural ceremony of STC on “Current Inclinations in Biotechnology”



Dr. Ashwani Chandel addressing the experts & the participants of ITP-07



- One day National Symposium on **Nanomaterials Design: Bridging Nanolength Scale (NSNMD-07)** was held on November 17, 2007 organized by Advanced Materials Science Research Centre, NIT Hamirpur. Prof. B. S. Murty, Department of Metallurgical and Materials Engineering, IIT Madras, who has been awarded Shanti Swarup Bhatnagar Award (in Engineering) for the year 2007 inaugurated the Symposium by lighting a lamp. Prof. B. S. Murty and Prof. A. R. Kulkarni Department of Metallurgical and Materials Engineering, IIT Bombay were the experts. The Symposium was attended by 800 students and faculty of NIT Hamirpur and other Engineering Institutes from nearby States. Prof. Murty and Prof. Kulkarni covered various aspects of nanotechnology, like, nanomaterials synthesis, carbon nanotube, polymer carbon nanotube, nanocomposites, nanotribology, nano drug delivery systems, nanoapplications, nanofunctional materials and their applications etc. **Dr. S. K. S. Parashar** and **Prof. A. S. Singha** were the organizing Secretary and Convener of the symposium (NSNMD-07).

- National Conference on **"Recent Trends in Library & Information Science"** RTLIS-07 was held on 15-16 November, 2007. Ninty participants and delegates from NIT's/Universities from all over India besides invited guests attended the conference. Dr. Tej Partap Vice-Chancellor of CSKHP Krishi Vishav Vidyalaya inaugurated the conference. Dr. Sewa Singh was Guest of Honour at Inaugural function and Prof M. P. Saitja and Dr V. K. Anand were guests of honour during Valedictory function.

- The Entrepreneurship-cell N.I.T. Hamirpur (E-cell NITH) has conducted its inaugural event on entrepreneurship as **E-workshop 2007**. The Entrepreneurship workshop '07 was an initiative to motivate students and expose them to what is entrepreneurship. The two day workshop was inaugurated by Dr. D. R. Vij on 20<sup>th</sup> Oct., 2007. In the afternoon session Dr. Daleep K. Parimoo shared his experience about entrepreneurship. The second day started with Prof. I. K. Bhat, s Lecture on qualities of leadership Dr. D. D. Sharma also spoke about entrepreneurship from his experience. Prof. R. L. Sharma, Prof. Vinod Kapoor, Dr. Ashwini Chandel, Sh. Rajeev Kumar and S. K. Pradhan, coordinated the course.

- One week training programme on **"Capacity Building of Engineers in Earthquake Resistant Design and Construction"** was organized by Civil Engineering Department during 8<sup>th</sup> Oct. – 12<sup>th</sup> Oct.2007. Twenty Two engineers of various departments of Hamirpur district attended the programme. The resource persons were: Dr. R. L. Sharma, Dr. R. K. Sharma, Dr. R. K. Dutta, Dr. Pardeep Kumar, and Sh. Umesh Kumar Pandey of Civil Engineering Department and Mrs. Sarita of Architecture Department (NIT Hamirpur). Coordinators: Dr. R. L. Sharma, Dr. R. K. Sharma, Dr. Pardeep Kumar and Dr. Vijay Shanker Dogra.

- Computer Science and Engineering Department of NIT, Hamirpur imparted training on C-Sharp, Advanced Java, VB .Net, ASP .Net to faculties of Punjab Technical University from 16th-18th December 2007.



Lamp lighting Ceremony during National Symposium on "Nanomaterials Design: Bridging Nanolength Scale" (NSNMD-07).



Proceeding inauguration on "Recent Trends in Library & Information Science" RTLIS-07



Inaugural ceremony of "E-Workshop - 2007 "



Inaugural ceremony of "National programme for capacity building of engineers in earthquake risk management"

## Expert Lectures

- **Prof. Yew Chaye Loo**, Foundation Chair of Civil Engineering, Director Designate, Internationalisation and Professional Partnerships, Science, Environment, Engineering and Technology Group of Griffith University, Australia delivered expert lecture on “Advances in Serviceability and Strength of Normal and High Strength Concrete Structures” on 6<sup>th</sup> Dec. 2007.
- **Dr Dominic Dowling**, University of Technology, Sydney has delivered lecture on Retrofitting of Mud Houses on 29/9/2007
- **Er. Suhas Gupta**, Design Engineer-ST Microelectronics, NOIDA delivered an expert lecture on “Opportunities & Current Trends in Semiconductor Industry” on 12-10-2007 at E&CED, NIT, Hamirpur.
- **Sh. Vijay Uppal**, Chief Architect, HPPWD, US Club, Shimla (HP) has delivered expert lecture on the subject of Architectural Design-IX on 17/08/2007
- **Ar Jit Kumar Gupta**, Director, I.E.T.Bhaddal (Punjab) has delivered lecture on Sustainable Development and Hill Architecture on 19/9/2007
- **Ar Surendra Bahga**, Associates of Saakar Foundation, Chandigarh (PB) has delivered lecture on “Chandigarh after 50 years” and “Contemporary Capital Cities of the world” on 3<sup>rd</sup> and 4<sup>th</sup> November, 2007 respectively.
- **Mrs Archana Chaudhary**, Architect, Haryana Housing Board, Panchkula has delivered lecture on Housing Scenario and Environmental Planning on 3<sup>rd</sup> and 4<sup>th</sup> November, 2007 respectively.
- **Dr. Sudhir Dhawan**, IBM engineer, delivered ExpertGuest Lecture on "High Performance Computing" on 7<sup>th</sup> November, 2007 in CSED seminar hall.
- **Mr. R. K. Bhardwaj**, Scientist DRDO Dehradun has delivered Expert Lectures on Composite Materials and Rapid Prototyping in Mechanical Engineering Department on 6<sup>th</sup> Nov. 2007.

## Lectures Delivered

- **Dr. Ashwani Kumar Chandel**, delivered by an expert Lecture was on “Use of GA in Engineering Problems”, in Seminar on Information & Communication Technology ICT-2007 on 26<sup>th</sup> August 2007 organized by IETE Centre at Shimla HP.
- **Dr. I.K.Bhat** delivered a lecture on "Leadership" at NIT-Hamirpur on the occasion of Registrar meet on 19th Oct, 2007.
- **Dr. I.K.Bhat** delivered a lecture on "Future of Nanotechnology" at NIT-Srinagar, 8th Sept. 2007.
- **Dr. J.N.Sharma** delivered lecture on "Guided Waves and their Applications" at SVIET, Chandigarh on 19th Nov, 2007.
- **Dr. J.N.Sharma** delivered lecture on "Wave Propagation and Application in Heat Conducting Materials" at GNDEC, Ludhiana on 30th Nov, 2007.
- **Dr. Lalit k. Awasthi**, expert talk on “Parallel Processing”, in HPU, Nov 2007
- **Dr. Narottam Chand**, expert talk on “Fundamentals of Computing” in a Short Term Training Program on Practice Librarianship, NITH Hamirpur, Dec 10-14, 2007.
- **Dr. Pardeep Kumar** delivered a lecture on "Brand Building in Higher Education" at NIT-Hamirpur on the occasion of Registrar meet on 19th Oct, 2007.
- **Dr. Rajeevan Chandel** delivered by an expert Lecture was on “Recent Trends in Communication and VLSI Technology”, in Seminar on Information & Communication Technology ICT-2007 on 26<sup>th</sup> August 2007 organized by IETE Centre at Shimla HP.
- **Dr. Rajeevan Chandel** delivered an expert Lecture on “Domestic Home Appliances” in STC by EED, organized by EED NIT Hamirpur from 3-7 Dec 2007
- **Dr. Rajeevan Chandel** delivered an Expert lecture on “Self Improvements Techniques-A Must”, in Induction Training Programme ITP-07, under Institute Networking, NIT Hamirpur HP, Sep 22-23, 2007.
- **Dr. Rajeevan Chandel** delivered three expert Lectures on “MOSFET Fundamentals; SPICE and CMOS Digital VLSI Design”, in STC on VLSI Design & Tools under SMDP-II & NIT Hamirpur, organized by E&CED NIT Hamirpur from 4-8 Dec 2007.
- **Dr. Rajeevan Chandel** delivered two expert Lectures on “Fundamentals of Electronic Devices”, “Use of Computer Softwares & Internet” in STC on Use of Multimedia and Electronic Equipments under TEQIP, E&CED NIT Hamirpur 27 Sep 2007- 1 Oct 2007.
- **Dr. Rajeevan Chandel** delivered Two Expert Lectures on “Fundamentals of Electronic Equipments-Theory and Application” in STC on How to Carry out Hobby Projects in Electronics & Communication, Under TEQIP Services to Community, E&CED NIT Hamirpur HP, on 17<sup>th</sup> -21<sup>st</sup> Sep 2007
- **Dr. Vijay Shankar** delivered an expert lecture on "River Bank Filtration and Urban Water Management" in Short Term Faculty Development Program on 'Urban Water Management', October 12-16, 2007 at NIT Jaipur.
- **Dr. Vijay Shankar** delivered an expert lectures on "Introduction to Finite Difference Method" and 'Applications of Finite Difference Method to Hydrogeological Problems" in Short Term Faculty Development Program on 'Computational Techniques in Engineering', October 16th-20th, 2007 at NIT Jaipur.
- **Dr. Vinod Kapoor** delivered a lecture on "Motivation" at NIT-Hamirpur on the occasion of Registrar meet on 19th Oct, 2007.
- **Dr. Yog Raj Sood** delivered lecture on “Energy Conservation” in short term training programme under Community Development Programme of TEQIP on “Electrical Wiring and Repair of Electronics Appliances”, December 3-7, 2007, at NIT Hamirpur.
- **Mrs. Kamlesh Dutta** delivered an expert talk on “E- Resources” in a Short Term Training Programme on “Practice Librarianship”, NIT Hamirpur on Dec10-14, 2007.
- **Mrs. Kamlesh Dutta** delivered an expert talk on “Introduction to VHDL” in a Short Term Training Program on “VLSI Design & Tools”, NIT Hamirpur, Dec 4-8, 2007.
- **Sh. G.R.Bharti** delivered lecture on "Ethics and Work Culture" at NIT Hamirpur on the occasion of Registrar meet on 19th Oct, 2007.
- **Sh. O.P.Rahi**, delivered lecture on “Electrical Energy Conservation” in short Term Course organized under TEQIP on “Electrical Wiring & Repair of Electrical and Electronics Instruments,” for Group D Employees of NIT Hamirpur” w.e.f. 3<sup>rd</sup> to 7<sup>th</sup> December, 2007.



## Student Activity

• The annual cultural festival, **Hill'ffair 2007** was celebrated from 2<sup>nd</sup> to 4<sup>th</sup> November 2007. Sh. Ashwani Kumar, Director General of Police, (HP), was the chief guest of the Inaugural Function. Over and above students from NIT Hamirpur, students from other professional Institutions also attended the festival. The total number of delegates from six outside Institutions was about 100. The festival was co-sponsored by AIRTEL. Other supporters for the programmes were the builders and construction agencies. On the first evening a musical night was presented by the Music club in which many songs were performed by the students of NIT. The Dance Club organized competitions of folk dance, western dance. The dramatics club organized events of play, skits, choreography, spoof etc. The fine arts club held many events of painting, sketching, rock painting, face painting. Debates, group discussions, Kavi sammelan, quiz and such competitive events were organized by English and Hindi Club. A professional rock band "Hellbound" from Delhi performed on the second night. This was first occasion when a professional group performed in our cultural festival and it was greatly appreciated and enjoyed by the audience. Mr. Abhinav Pradhan and Miss Itika Gupta were selected as the Mr. and Miss Hill'ffair 2007 respectively. The Director NIT Hamirpur, Prof. I.K.Bhat, was the Chief Guest of the concluding evening and distributed the prizes. Our alumnus, Sh. Om Prakash Minhas, Director Vigilance, DOT, Shimla was the guest of honour on this occasion. Mr. Shishir Goel, Student secretary Cultural Club and his team members' efforts in successfully organizing the festival was greatly appreciated.

• **GLUG-NITH** has celebrated "**Software Freedom Day 07**" in NIT Hamirpur on 15<sup>th</sup> September, 2007. Software Freedom Day is a global, grassroots effort to educate the public about the importance of software freedom and the virtues and availability of Free and Open Source Software. Local teams from all over the world organize events on the third Saturday in September. The most recent event involved over 200 teams from all over the world. The GLUG-NITH team consisting of 12 students conducted two workshops in Python and GCC and followed it up with programming contests in the same. An introductory session to working in Linux preceded this for the benefit of the newcomers. "**a.out**" was another programming event that was held in the month of October. It was sponsored entirely by Glug members of the 2003-2006 batch.

• **SPEC, E&CED** organized a soldering workshop for students of NIT Hamirpur on 16-17 Oct 2007.

• A two days Workshop on **Model Making** was organized by the Deptt. of Architecture on 23<sup>rd</sup> -24<sup>th</sup> Sept. 2007. Ar Harmander Singh, Practising Architect and a professional model maker from Chandigarh was invited as an expert. The students made the various models of the ongoing building projects.

• A Joint studio exchange programme in the subject of **Building Construction and Architectural design** for the first year students was conducted w.e.f. 16<sup>th</sup>-20<sup>th</sup> October, 2007 in the Deptt. of Architecture at NIT, Hamirpur. In this programme about 40 students from Vastukala Academy, New Delhi participated. The faculty accompanied with the students was Prof. Anurag Roy Dean Vastu Kala Academy. The joint venture was coordinated by Ar. I. P Singh and Ar. Minakshi Jain at NIT Hamirpur.

• An industrial visit to Rail coach factory, Kapurthala for the third year Mechanical Engineering students was organized in the month of October 2007. **Sh. Varun** and **Sh. Sidhartha** accompanied the students for the visit.

• NIT Hamirpur Celebrated the **Ganesh Chaturthi** on September 20<sup>th</sup> to 23<sup>rd</sup> 2007. Director, Registrar, Faculty members with their families and Students from all the year were present for the Ganesh Pooja which was held in Dhauladhar Boys Hostel.

• All the Departments of Institute organized **Freshers Day** to welcome first year students of 2007 batch. This event was organized by the technical societies of the various Departments.

• **Rajiv Gandhi Akshay Urja Diwas** was celebrated in NIT Hamirpur on 26<sup>th</sup> August, 2007. Quiz and debate competition organized on this occasion and prizes are distributed to the winners.



Hill'ffair -2007



Students at work during the Studio Exchange Programme



Sri Sri Ganesh Puja celebrated in NIT Hamirpur



Urja Diwas celebrated in NIT Hamirpur

## Courses, Seminars and Training Programmes Attended

- **Prof I.K. Bhat** attended National Conference on Development of Technical Education in India on 17-18 Nov, 2007 at New Delhi
- **Dr. Rajeevan Chandel** and **Mrs. K. Dutta**, visited IIT Guwahati on 21-22 June, 2007, for RC-PI meet under SMDP-II Project.
- **Sh. Ashwani Kumar** attended a National Conference on Trends in VLSI and embedded System” at PEC Chandigarh w.e.f. 17-18, Aug. 2007
- **Sh. Manoranjan R. Bharti**, attended a STC on “VLSI Signal Processing” w.e.f. 29<sup>th</sup> Nov. to 4<sup>th</sup> Dec., 2007 at Kharagpur.
- **Sh. Gagnesh Kumar**, attended a STC on “Analog Interfacing/System Design & TIDC-2007” during 29-30 Nov., 2007 at TI Bangalore.
- **Sh. Tilak Raj, Mess Attendant & Sh. Chain Singh**, attended Short Term Training Programme under TEQIP on “Electric Wiring and Repair of Electric and electronic Appliances” w.e.f. 3<sup>rd</sup> to 7<sup>th</sup> Dec., 2007 at NIT, Hamirpur.
- **Sh. Parminder Singh**, attended a Short Term Course on “Synthesis of Digital Systems” w.e.f. 10<sup>th</sup> to 21<sup>st</sup> Dec., 2007 at IIT Kanpur.
- **Dr. Kuldeep Kumar Sharma**, attended “ISTE Section Annual Convention, held at NIT-Hamirpur, w.e.f. November 18-19, 2007”.
- **Dr. Kuldeep Kumar Sharma**, and **Dr. Rajesh Kumar Sharma** attended 22<sup>nd</sup> “National Symposium on Plasma Science and Technology” organized by Institute of Plasma Research (IPR) Bhat, Gandhinagar, & Plasma Science Society (PSS, at Ahmedabad (Gujarat) w.e.f. December 6-10, 2007” under TEQIP .
- **Dr. Sunand Kumar**, Prof and Head, Department of Mechanical Engineering has attended 16<sup>th</sup> International Conference on Applied Simulation and Modelling during August 29 – 31, 2007 at Palma De Mallorca, Spain.
- **Sh. Rajesh Sharma**, Faculty, Mechanical Engineering Department participated in e-procurement Strategic Partnership Program between NIT’s at NIT Warangal.
- **Sh. O.P. Rahi**, attended a National Seminar on “Performance Monitoring and Energy Conservation through Renovation and Modernization of Power Plants and Process Industries”, organized by CPRI at Nagpur (Maharashtra) on 12<sup>th</sup> October, 2007.
- **Sh. O.P. Rahi**, Sr. Lecturer Electrical Engineering Department has attended a National Conference on Recent Trends in Library & Information Science, (RTLIS-2007), NIT Hamirpur (HP) on November 15-16, 2007, pp 197-202
- **Dr. Sushil Chauhan, Dr. R. N. Sharma** and **Dr. Ravinder Nath** attended a short term course on “Transformer Erection and Testing” organized by BHEL, Bhopal during September 25-28, 2007.
- **Dr. Veena Sharma**, Assistant prof., EED has attended four days TIFAC-CORE sponsored short-term training programme on Transformer Engineering, Protection and Diagnostics, from 03 -06 October, 2007 organized by EE Dept. at NIT Hamirpur.
- **Prof A.S. Singha** has attended International Conference on "Polymeric Materials in Power Engineering" (ICPMPE-2007) held on October 04-06, 2007 at Central Power Research Institute, Bangalore, India.
- **Dr. Subhash Chand** attended an International Conference on Advanced Materials (ICAM 2007) organised by MRSI, IISc and JNCASR, at Bangalore during October 8-13, 2007.
- **Sh. Amitava Sarkar, S.K. Pradhan, Mr. Sidhartha, Mr. Varun and Mr. Amar Patnaik** attended “Induction Training Program (ITP-2007)” during 22-23 September, 2007 at NIT-Hamirpur (HP).
- **Dr. Anoop Kumar** and **Sh. Varun** attended two day seminar on A discussion on Renewable Energy applications in academic and other institutions, Administrative Staff College of India, Hyderabad, 1-2 september, 2007.
- **Dr. Anoop Kumar** visited Thapar University for evaluation of M.Tech. Thesis in Mechanical Engg. on 12th October 2007.
- Prof. R. L. Sharma, Prof. Lalit Awasthi, Dr. S.K. Jain, Dr. Narottam Chand, Sh. Naveen Chauhan, Sh. Pradeep Singh, Dr. Ashwani Chandel, Dr. Rajeevan Chandel, Dr. Vinod Kapoor, Sh. S. K. Soni, Mrs. Gargi Khanna, Sh. Ashwani Kumar Rana, Sh. Krishan Kumar, Dr. Y. D. Sharma, Sh. Yogesh Gupta, Dr. K. K. Sharma, Dr. Rajesh Sharma, Dr. Sandeep Sharma, Dr. R. K. Sharma, Dr. Ramna Parti, Dr. R. K. Dutta, Dr. Pardeep Kumar, Dr. R. S. Banshtu, Sh. S. S. Katoch, Dr. Vijay Shanker Dogra, Sh. Chander Prakash, Sh. Umesh Kumar Pandey and Sh. Prashant Kumar attended a Programme on “Store Management & Financial Administration” at HIPA Shimla w.e.f. 3<sup>rd</sup> to 6<sup>th</sup> Oct., 2007. The participants are exposed to Inventory and store management, tendering process and processing purchases, physical verification and disposal of stores, role of audit in fiscal and stores management, budgetary process, role of DDO in financial management etc. Sh. Ajay Mittal, Sh. H.K Sharma, SH M. L. Chauhan, Sh. R. P. Singh and Sh. J R Sharma of HIPA , Sh. Kulwant Singh, Director, NAAA Shimla were the resource persons. The course was inaugurated by Sri Ajay Mittal, IAS, Director HIPA, Shimla.



Group Photograph during Training Programme on Store Management & Financial Administration



## Services to Community and Tribal Development Programme

- STC under Community service on “**How to Carry out Hobby Projects in Electronics & Communication, Hobby-07**”, was organized by E&CED from 17-21 September 2007. Forty students from it is, GDC and schools benefited from the course. **Sh. Surender Soni & Sh Ashok Kumar** were the Coordinators of the course.
- Short Term Course on “**Use of Multimedia and Electronic Equipments, MMED07**” under TEQIP Services to Community was organized by E&CED, NIT Hamirpur HP for 1 Week from 27 Sep 07 to 1 Oct 2007. **Forty-two** participants from the Office of SDM, SP, DFO, CMO, HPSEB, and faculty from Polytechnic, GDC Hamirpur etc. attended and benefited from the STC. **Dr. Rajeevan Chandel, Er Gargi Khanna & Er. Meenakshi Sood** were the Coordinators of the course.
- A one week short term course on “**Managing Architectural Data in Computers**” under Community Services Programme of TEQIP was organized by the Deptt. of Architecture w.e.f 10<sup>th</sup> – 14<sup>th</sup> December, 2007. About thirty unemployed youth were benefitted with the programme. The Course was coordinated by **Ar. I.P Singh** Head Architecture, **Prof. Minakshi Jain, Ar. Sarita Sood and Ar. Sandeep Sharma**.
- STTP on “**Conventional and Advanced Machining Processes**” w.e.f. December 03-07, 2007 for unemployed youth and students from various vocational institutions of Hamirpur district was conducted in Workshop, NIT, Hamirpur. **Prof. Rakesh Sehgal, Sh. Suresh Dhiman, Foreman and Sh. P.K. Sood**, Workshop Suptd. Central Workshop were the co-coordinators of the course.
- STTP on “**Advances in Manufacturing Technology**” held in the department of Mechanical Engineering from 10-14 December 07. The course coordinators were Er. S R Chauhan, Er. Prashant Kr., Dr. Anoop Kumar.
- STTP on “**Maintenance of Refrigeration and Air-Conditioning Equipments**” held in the department of Mechanical Engineering from 17-21 December 07. The course coordinators were Dr. N.S. Thakur, Er. Prashant Kr., Dr. Anoop Kumar.



Dr. R Chandel HOD E&CED & Prof. V. Kapoor lighting the Inaugural Lamp in the STC - Hobby07



Inaugural ceremony of the Short Term Course on “Managing Architectural Data in Computers”



Prof. IK Bhat, Director NIT Hamirpur inaugurating the STC on Conventional and Advanced Machining Processes



Prof. IK Bhat, Director NIT Hamirpur addressing the participants of STC MMEE07



- Short term course under Community service on **“Operation and application of Power operating Tools”** was organized by workshop from 3<sup>rd</sup> to 15<sup>th</sup> December 2007. **Prof R.K.Sharma, Sri P.K.Sood and Sri Rajesh Sharma** were the Coordinators of the course.

- A short Term Course was organized by Electrical Engineering Department under TEQIP on **“Electrical Wiring & Repair of Electrical and Electronics Instruments,”** for Group D Employees of NIT Hamirpur” w.e.f. 3<sup>rd</sup> to 7<sup>th</sup> December, 2007. The course was coordinated by **O. P. Rahi, Dr. Ashwani Chandel and Dr. R.K. Jariyal.**

- Library organised a Short Term Training Programme on **“Practical Librarianship Course”** from 10-14 Dec ,07 for unemployed Library Professionals. Thirty six library professionals attended this course. Dr I. K. Bhat, Director of Institute inaugurated the course. During the course various library function's practical training was given besides expert lectures from internal & external faculty members.

- One week training programme on **“Water Harvesting”** was organized by Civil Engineering Department during 10th Dec – 14th Dec 2007 under TEQIP community development. Twenty four engineers of various departments of Himachal Pradesh attended the programme. The resource persons were: Prof. I K Bhat, Director NIT Hamirpur, Dr. M R. Sharma, Principal MGIET Karsog, Dr. Anoop Kumar, Mechanical Engg. Department, Dr. R. L. Sharma, Dr. Raman Parti, Dr. Vijay Shankar Dogra, Sh. S.S. Katoch of Civil Engineering Department, Sh. Hemant Vinayak of Civil Engineering Department, Sh. Umesh Kumar Pandey of Civil Engineering Department and Dr. I P Singh, Architecture Department. Coordinators: **Dr. R.L. Sharma, Dr. Raman Parti, Dr. Pardeep Kumar and Dr. Vijay Shankar Dogra.**



Prof I.K.Bhat Director NIT Hamirpur lighting the Inaugural Lamp in the STC - Operation and application of Power operating Tools



Professor I K Bhat Director NIT Hamirpur delivering lecture during STC on “Water Harvesting”

## Marathon Race at NIT, Hamirpur

**Mr. Malli Mastan Babu** World's Fastest 7 Summiteer visited NIT Hamirpur on 19-12-07 to run the 14<sup>th</sup> schedule of Marathon Race. Mr. Malli has chosen NIT Hamirpur as venue to run his marathon (42.175 KM) on 20-12-07. On 20-12-2007 the Marathon Race (42.175 KM) was flagged off by Prof. I.K. Bhat, Director, National Institute of Technology, Hamirpur at 05.00 AM from Gate No.1 of NIT, Hamirpur. The route of the Marathon was NIT Gate 1 (Start), NIT Dispensary, NIT Gate 2, Kalanjari devi, Kot, Darogan, Thana, Darkoti, Tauni Devi, Barimandir, Janikhar, Dungi, Nohara, Dimmi, Birdi, Kehervin Chowk, Pandher, Baluet, Lambloo, Lunghan, Bohani, Baroha, Polytechnic Baru, Dosharka, Bhota Chowk, Gandhi Chowk, SDM Chowk, DC Office, Anu Shiv Mandir, Hira Nagar, Pakka Bharo, DAV School (Slasi, Finish Point). Mr. Malli was so fascinated by scenic beauty of this place that he has promised to run MEGA MERATHON here again in the month of February 2008, under his plan to cover all the 29 states in 29 days. The marathon was organized by **Dr. S. K. S. Parashar.**



Prof. I. K. Bhat, Director NIT Hamirpur Flag Off the Marathon being Run by Mr. Malli Mastan Babu on 20-12-07 From NIT Gate 1.

## Papers Published in Journals (International/National)

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- **Amar Patnaik**, Sandhyarani Biswas and S.S. Mahapatra, "An Evolutionary Approach for Parameter Optimization of Submerged Arc Welding in Hard facing Process" *International Journal of Manufacturing Research*, Vol.2, No. 4, pp.462-483, 2007.
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- **Narottam Chand**, R.C. Joshi and Manoj Misra, "Exploiting Caching in Heterogeneous Mobile Environment", *Wireless Communications and Mobile Computing Journal*, Vol. 7, Issue 7, pp. 835-848, September 2007.
- **Rajeevan Chandel**, S. Sarkar and R.P. Agarwal, "Delay and Power Management of Voltage-Scaled Repeaters for Long Interconnects," *International Journal of Modelling & Simulation*, ACTA Press, Canada. Website: <http://www.actapress.com>, paper No. 205-4356, Vol. 27, no 4, 2007.
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- **Anoop Kumar**, S.K.Gupta and S.R.Kale, 'Effects of Drop acceleration and deceleration on particle capture in a cross flow gravity tower at intermediate drop Reynolds numbers' *Journal of Environment Science and Engg.*, vol. 49, No. 2, 157-163, 2007.
- Jashandeep Singh, **Yog Raj Sood**, Piush Verma, "Dissolved Gas Analysis for power transformers", published in *Electrical India*, Vol. 47, No 10, Oct 2007, pp. 72-82.
- Jashandeep Singh, **Yog Raj Sood**, Piush Verma, **R. K. Jarial**, "Novel Technique for Sampling of Transformer Oil", published in *Electrical Review*, Vol. XIV, No.2, 2007 issue, pp. 4-9.
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- **Rajiv Kumar Sharma**, Dinesh Kumar and Pradeep kumar, "Decision Support System for Conducting FMEA" , *Journal of Institution of Engineers (IE)*, 2007, Vol.88 pp 39-44
- **Sunand Kumar**, P.C.Tiwari and **Rajiv Kumar Sharma** "Simulation Availability of CO2 Cooling System in a Urea Fertilizer Plant" *Industrial Engineering Journal*, Vol. XXXVI (10), October 2007, pp. 19-23.
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- **Amar Patnaik** and S.S. Mahapatra, "Optimization of Cutting Parameters in Turning Operations Using Genetic Algorithm" National Seminar on Advances in Soft Computing, 21<sup>st</sup> National Convention of Computer Engineers, BBSR-2007.
- **Amar Patnaik**, S.S.Mahapatra,Alok Satapathy, S.N.Mahendra and R.R.Dash, "Implementation of Taguchi Method for Tribo-Performance of Hybrid Composites" Eighth International Conference on Operations and Quantitative Management (ICOQM-8) October 17-20, 2007,Assumption University, Bangkok, Thailand.
- **Amar Patnaik**, V. Ananda Rao, A. Satapathy, S.S.Mahapatra "Tribo-Performance of Silicon Carbide Filled Glass-Polyester Composites" International Conference on Future Trends in Composite Materials and Processing, IITK, Dec. 12-14, 2007.
- **Anoop Kumar** and **I.K.Bhat**, "Teaching learning process and its evaluation", ISTE Section Annual Convention on Quality Assurance in Technical Education (SAC-07), NIT Hamirpur (HP) 177005 INDIA on November 18-19-2007, pp 194-197.
- **Ashwani Chandel, Rajeevan Chandel** , "Computer Softwares and Internet for E-Learning", National Conference on Recent Trends in Library & Information Science- RTLIS-07, NIT Hamirpur HP, Nov 15-16, 2007.
- **Ashwani Kumar**, presented paper at the National Conference on 11<sup>th</sup> IEEE VLSI Design and Test Symposium held at Saha Institute of Nuclear Physics Convention Centre, Kolkata w.e.f. 8-11 Aug., 2007.
- **Ashwani Kumar, Vinod Kapoor** and **Narottam Chand**, "A New Role for the Teacher of the Future in Technical Education", ISTE Section Annual Convention, Nov 18-19, 2007 pp. 105-108.
- **D.S. Jaswal , Ashwani Kumar**, "Role of Digital Libraries in Technical Institutions", ISTE Section Annual Convention, Nov18-19, 2007, pp 91-93.
- Harpreet Kaur, **Pardeep Singh**, Anil Kumar, Lalit Kumar, "Just in Time Teaching (JiTT)", ISTE Section Annual Convention, Nov18-19, 2007, pp147-148.
- **I.K. Bhat, Rajeevan Chandel, Ashwani Chandel**, "Research Avenues in Electronics and Communication Engineering-A Case Study", ISTE Section Annual Convention SAC-07, Nov 18-19, 2007 pp. 203-209.
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- Jashandeep, **Y.R.Sood**, Piush Verma, **R.K.Jarial**, 'Earthling of High Voltage Laboratory - A Case study' proceedings of International Conference on Power Systems (ICPS – 2007), 12-14 Dec, 07.
- **Kamlesh dutta**, "text mining in digital library application", in RTLIS07 at NIT Hamirpur, Nov15-16, 2007.
- **Lalit K. Awasthi**, "New Research Directions in Computer and Communication Technology", ISTE Section Annual Convention, pp 1-4, Nov18-19, 2007.
- **Lalit K. Awasthi**, "Use of IT Tools for Enhancing Quality of Teaching and Learning", ISTE Section Annual Convention,pp 155-157, Nov18-19, 2007.
- **Minakshi Jain, I.P. Singh** "Architectural Education in India" in the ISTE Section Annual Convention-07, Nov-18<sup>th</sup>-19<sup>th</sup> 2007.
- **Minakshi Jain, I.P. Singh** "Trends in Architecture" ISTE Section Annual Convention-07, Nov-18<sup>th</sup>-19<sup>th</sup> 2007.
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- **Nitin Gupta, Pardeep Singh, Rajeev Kumar** , "Educational assessment of Students: Grading system", ISTE Section Annual Convention,pp 109-112, Nov18-19, 2007.
- **O.P.Rahi, A.K. Chandel**, "Relevance of Industry Institute Interaction in Technical Education", - ISTE Section Annual Convention on Quality Assurance in Technical Education (SAC-07), NIT Hamirpur (HP) 177005 INDIA on November 18-19-2007, pp 63-66.
- **O.P.Rahi, P.P.Sharma, D.S. Jaswal**, "INDEST-AICTE Consortium: An Effective E-Resource", - National Conference on Recent Trends in Library & Information Science, (RTLIS-2007), NIT Hamirpur (HP) 177005 INDIA on November 15-16,2007, pp 197-202.

- **Pamita Awasthi**, "Course Design: its Preparation and Revision", proceeding of SAC -07, Nov. 18-19 2007 organised by National Institute of Technology, Hamirpur
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- **Piar Chand & Yogesh Gupta**, "Total Quality Management in Technical Education" pp-98-100, ISTE Section Annual Convention (SAC-07), Nov.18- 19,2007, organised by National Institute of Technology, Hamirpur (H.P.)- 177005.
- **Piar Chand, Yogesh Gupta** and Sanjeev Kumar," Historical Perspectives of Digital Libraries and Some Concerned Issues" National Conference on Recent Trends in Library and Information Science (RTLIS-07), pp 75-81, Nov.16- 17,2007., National Institute of Technology, Hamirpur (H.P.)-177005.
- **Piar Chand, Yogesh Gupta**, Meenakshi Sooden and Sanjeev Kumar," India & China: Asian Giants in the Globalized World Market Economy", Conception of Justice in India, Third International Congress, Asian Political & International Studies Association (APISA), Nov.23-25,2007, organised by Developing Countries Research Centre, University of Delhi, Delhi.
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- **Veena Sharma**, "Feedback neural network optimizer based hydro-generation scheduling" International conference ENERGEX /2007 from 27-30 November, 2007 held at Suntec centre Singapore
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## Local Chapters of Alumni Association

The activities of the Alumni Association of NIT Hamirpur have been on the rise since the first Alumni Meet organized at Hamirpur in the month of May, 2007. The first local chapter of Alumni Association of NIT Hamirpur was started at Shimla on 6th of October, 2007. The meet of Shimla chapter was organized at hotel Holiday Home and attended by about 60 alumni from various batches. The local chapter meeting was attended by Dr. Anoop Kumar, Dean of Students and Alumni Affairs, Dr. Pardeep Kumar, President Alumni Association, faculty members, Sh. Yogesh Gupta, Dr. Narottam Chand, Dr. Vijay Shankar Dogra and Surinder Soni and Ashwani Rana. An executive body was formed to coordinate activities at Shimla. Sh. Om Prakash Minhaas (1990 batch), Sh. Jaswant Kapoor (1994 batch) were unanimously elected as the Convener and secretary of the Local Chapter at Shimla.

Enthusied by the launch of first local chapter at Shimla our Alumni at Delhi were galvanized into action. The second local chapter was started at Delhi on 20th of October, 2007. Delhi has many of our Alumni in different organizations. More than seventy alumni and their family members gathered at the Inaugural Meet of Delhi chapter. Prof. A.S.Singha, Dean Planning and Development, Prof. Anoop Kumar, Dean of Students and Alumni Affairs, Dr. Pardeep Kumar, President Alumni Association, and Dr. Y.D.Sharma attended the Meet. Their presence charged the atmosphere and the interaction continued for hours and no one was willing to disperse from the venue. Sh. Sandeep Jindal (1990 batch) and Sh. Sanjay Bhardwaj (1993 batch) were unanimously elected as the Convener and secretary of the Local Chapter at Delhi.

The alumni of NIT Hamirpur have been excelling in their professional lives and many of them have taken up job in all the parts of the globe. The first International Chapter at US in Bay Area, California was started on 1st December where about 40 alumni and their family members assembled. Though no one from NIT Hamirpur could attend the meet, messages on the occasion were sent by the Director, Prof. I.K.Bhat, Prof. Anoop Kumar, Dean of Students and Alumni Affairs, and Dr. Pardeep Kumar, President Alumni Association. The meet was marked by great bonhomie and cultural programmes were also organized. Sh. Neeraj Ahuja (1992 batch), Rajesh Sharma (1994 batch) and Ms Kanika Vohra (1995 batch) were unanimously elected as the President, Vice President and General Secretary of the Local Chapter at Bay Area. In all these chapter meetings it was resolved to enhance the activities of Alumni association was resolved. These bodies have also taken up to support their alma mater in all possible manners.



## International Peace Day

The International Peace Day on 2<sup>nd</sup> October, 2007 was observed by the faculty and staff of NIT, Hamirpur. The UN has declared to observe the birth anniversary of the father of the nation Sh. Mahatma Gandhi as International Peace Day from this year. On this occasion a pledge was taken by all to contribute towards maintaining world peace.



Faculty and staff of NIT Hamirpur taking pledge on International Peace Day

## NIT Registrars Meet

NIT Hamirpur hosted the third meeting of NIT - registrars from 19<sup>th</sup> to 20<sup>th</sup>, 2007. Registrars from 13 NITs (Hamirpur, Rourkela, Warangal, Tiruchirapalli, Kurukshetra, Jaipur, Surat, Allahabad, Jalandhar, Nagpur, Raipur, and Srinagar) participated in this Meet. The section officer TS-III, MHRD of higher education, New Delhi, Sh. R.C. Gildhyal, was also attended the meet. Dr. R.L. Chauhan, Honorable Chairman of Board of Governors NIT, Hamirpur was the Chief Guest of the function. Sh. G.R.Bharti, HAS, Registrar and coordinator of Registrar's meet and Prof. I.K.Bhat, Director, NIT, Hamirpur welcomed the chief guest and the registrars and other participants at the campus and apprised them all the activities being carried out at NIT Hamirpur.

Dr. R. L. Chauhan, Honorable Chairman of Board of Governors NIT, Hamirpur in his opening remarks and speech emphasized on the challenges faced by the technical education system and confided the vital roles of Directors, Registrars of the NITs in the changed scenario in running the system to produce quality man power for the whole globe. He also informed about the status of the NIT Act wherein vital role and more duties and responsibilities have been assigned to the Registrar.

The agenda items discussed and recommended are Restructuring of non-teaching staffs and implementation of NIT Act -2007.



Inaugural ceremony of 3<sup>rd</sup> "Registrar Meet"



Director discussing with Accreditation team

## Accreditation Team Visit

Accreditation team consisting of 11 members under the chairmanship of Prof. L.M. Patnaik, IISc Bangalore visited NIT, Hamirpur for accreditation of Mechanical, Electrical, Civil, Electronics and communication and Computer science and Engineering departments during 26<sup>th</sup> to 28<sup>th</sup>, 2007.

## Recognition and Awards

- **Vijay Shankar Dogra**, Faculty in the Department of Civil Engineering received Ph.D Degree from IIT Roorkee in 17<sup>th</sup> Annual Convocation Held on 17, Nov, 2007 at IIT Roorkee, Uttranchal on topic "Modelling of Moisture Uptake by Plants".
- **Rajiv Kumar Sharma**, Faculty in the Mechanical Engineering Department received Ph.D Degree from IIT Roorkee in 17<sup>th</sup> Annual Convocation Held on 17, Nov, 2007 at IIT Roorkee, Uttranchal.
- **Yog Raj Sood** is honored with "Decree of excellence in Education" by The Director General, International Biographical Centre (IBC), Cambridge, England.
- **Yog Raj Sood** is a member National Advisory Committee, National Conference Current Trends in Electrical Engineering (CTEE-08), at Giani Zail Singh College of Engineering and Technology, Bhatinda.
- **Yog Raj Sood** is a member Advisory Committee, National Conference on "Advances in Power Systems and Energy Management" at Chitkara Institute of Engineering & Technology, Jansla, Patiala.
- **Dr. Sunil** guided one Ph.D. thesis entitled "Some Convection Problems in Ferromagnetic Fluids" of Mrs. Anupama Sharma, from H.P.U Shimla.
- **Rajesh Sharma**, Faculty, Mechanical Engineering Department is a member of Mock Drill exercise for Accreditation of Govt. Polytechnic Ambala.
- **Dr. R.K. Dutta**, Assistant Professor, CED, received IRC Bihar PWD Medal for the Paper entitled "Coir geotextiles in rural roads", Published in Highway Research Bulletin, No. 74, pp. 9-15.

## New Faculty in NIT Family

- **Dr. A.D. Bhatt** joined as Professor in Mechanical Engineering Department.
- **Dr. Arvind Kumar** joined as Assistant Professor in the Department of Physics.
- **Sh. Hemant Vinayak, Sh. Umesh Pandey and Sh. Rajesh Roshan Dass** joined as Lecturers in Civil Engineering Department.



## Placement and Industry Institute Interaction

Placement till 20<sup>th</sup> December 2007

### B. Tech.

S.No.	Discipline	Total students in final year	Total students placed through Placement Cell	Percentage of placement
1.	Electronics & Communication Engineering	47	39	82.98
2.	Computer Science & Engineering	31	27	87.10
3.	Electrical Engineering	39	35+5*	89.74
4.	Mechanical Engineering	45	41	91.11
5.	Civil Engineering	29	28	96.55
6.	B.Arch.	22	01	4.55
<b>Total</b>		<b>213</b>	<b>171+5*</b>	<b>80.28</b>

\*Students have got two jobs

### M. Tech.

S.No.	Discipline	Total students in final year	Total students placed through Placement Cell	Percentage of placement
1.	Mechanical Engineering	8	1	12.5
2.	Electrical Engineering	9	0	0
3.	VLSI Design (E&CE)	17	8	42.05
<b>Total</b>		<b>34</b>	<b>9</b>	<b>26.47</b>

## Foreign Visits

- **Dr. Sunand Kumar**, Prof and Head, Department of Mechanical Engineering has visited to Palma De Mallorca, Spain to present his research paper "Performance Modeling and Simulation of Gasification and Carbon Recovery Unit of Urea Plant" in the 16<sup>th</sup> International Conference on Applied Simulation and Modelling during August 29 – 31, 2007.
- **Dr R. N. Sharma** visited Singapore from 25<sup>th</sup> November to 30<sup>th</sup> November for participation and presentation of research paper in International Conference ENERGEX-07.
- **Mr. Amar Patnaik** visited Bangkok to present a research paper in the International Conference on Operations and Quantitative Management from 17<sup>th</sup> to 20<sup>th</sup> October, 2007.

## Sponsored Research and Consultancy Projects

- NIT Hamirpur has been granted a consultancy project amounting to Rs 9.60 Lacs on "Development of Software Package for Hydro Operation Scheduling & Optimization" by BHEL Electronics Division Bangalore vide Purchase Order Number 4400007077 dated 17-08-2007. A team consisting of **Dr R. N. Sharma** (EED), **Dr Narottam Chand** (CSED), **Mr Jagdish Verma** (Computer Programmer) and **Dr Veena Sharma** (EED) is working for the execution of this project.
- **Dr Rajiv Kumar Sharma**, Faculty member in Mechanical Engineering Department received a UGC sponsored Project entitled "Analysis of Reliability and Maintainability Aspects in Process Industries" vide letter No F.No32-93/2006(SR).

## Forthcoming Programmes

- 2<sup>nd</sup> **Convocation** of NIT Hamirpur is scheduled to be held on 5<sup>th</sup> January, 2008.
- **STC on Operation & Repair of Electronics & Electrical Gadgets** under UPA Project is scheduled to be organized by E&CE Department NIT Hamirpur HP in Jan 2008.
- National Conference on "**Recent Advances in Innovative Materials (RAIM-08)**" is scheduled to be organized by the Deptt. of Applied Sciences & Humanities, NIT-Hamirpur, w.e.f. Feb. 16-17, 2008. Organising Committee Coordinators: **Prof. A. S. Singha & Dr. Subhash Chand**; Organizing Secretaries: **Dr. Kuldeep Kumar Sharma & Dr. S. K. S. Parashar**.
- **MEGA MARATHON** will be held on 26<sup>th</sup> February 2008.
- National Conference on "**Quality, Reliability & Maintainability Aspects in Engineering Systems**" is scheduled to be organized on 27<sup>th</sup> – 28<sup>th</sup> December in Mechanical Engineering Department.
- A number of **Short Term Courses and Conferences** on different technical topics for the calendar year 2008 will be finalized and displayed on NIT Hamirpur website.
- **STC on CAD/CAM and Robotics** is scheduled to be organized by Mechanical Engineering Department NIT Hamirpur HP in Jan 7–11, 2008.





Events of 2007 in NIT Hamirpur

*Editorial Board  
wishes  
A Happy  
&  
Prosperous  
New Year 2008*



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