



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 20th

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From the Director's Desk

I am pleased to present the first issue of Newsletter of the New Year, 2008. The beginning of the year 2008 was made more satisfying by the fact that all the UG programmes were accredited for five years by the NBA team. This stands as a testimony of the quality of these programmes being offered at NIT Hamirpur. It also brings forth the result of the sustained efforts put in by one and all towards quality teaching-learning process, Research and Development work and administrative reform implementation.

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 newsletter 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. The date of release of present issue of newsletter, which also coincides with the closure of another financial year i.e., March 31st, marks the remarkable utilization of the allocated funds. In the previous financial year NIT Hamirpur has made tremendous strides in the areas of curriculum development, laboratory and infrastructure development and research.

If mass production characterized the industrial revolution, individual creativity and brilliance marks the technological revolution of this century. Development is no longer symbolized by imposing plants and machinery; instead knowledge is now universally recognized as the true strength of a nation. Using technology we now have the ability to tap information sources in our environment and manipulate it for the growth and development of mankind. NIT Hamirpur has been aiming to prepare a knowledge workforce comparable to the best in the world through instruction in the cutting edge technology. NIT Hamirpur also lays emphasis on individual and group projects, so that our students and faculty learn to be co-operative and productive team members. Exposure to different spheres provides these budding professionals the opportunity to work on current industry problems and to learn to thrive in the conducive work environment.

The future prospects of NIT Hamirpur are tremendous. We are establishing collaborations with industry and foreign and Indian universities. The collaborations with the British (Sheffield Hallam University) and Australian (University of Technology Sydney) Universities have already been established. These are exciting times for the NITH community and we welcome participation of all concerned in our endeavors.

In the series of our efforts to strengthen the Global Alumni Network, previous quarter witnessed the opening of Delhi, Shimla and USA Chapter. In last quarter Singapore, Dubai and local Hamirpur chapters have been opened to maintain this chain. Alumni association is in the process of integrating the activities of the various chapters in the country and abroad, and has been receiving generous support from the various chapters, individual alumni and friends. The Alumni have graciously come forward and supported many events with Technical festival like NIMBUS. I am sure you will appreciate the efforts that faculty, staff and students have made during last 3 months and strengthened NIT-H Brand.



Prof. I. K. Bhat, Director

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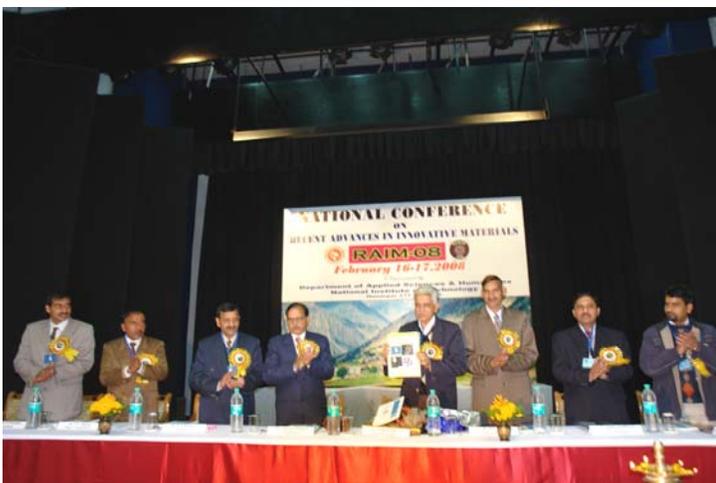
Conferences/Workshops Conducted



Proceeding release of "National Conference on quality, reliability and maintainability aspects in engineering systems "



Inauguration ceremony of National Conference on Recent Advances in Innovative Materials



Proceeding inauguration on " National Conference on Recent Advances in Innovative Materials"

National Conference on Quality, Reliability and Maintainability Aspects in Engineering Systems (QRMAES-2007)

A National Conference on "Quality, Reliability and Maintainability Aspects in Engineering Systems" was organised by Prof. Sunand kumar, Conference Chairman and Dr. Rajiv Kumar Sharma, Conference Convener, Department of Mechanical Engineering, National Institute of Technology Hamirpur (HP) from December 27-28, 2008. Professor Y. V. Rao, Director, National Institute of Technology, Warangal was the Chief Guest of the Inaugural function and released the Conference Proceedings and Souvenir. Key note addresses were delivered by Professor Y.V.Rao, Dr. Vinay Kumar, Former Advisor, Ministry of Science & Technology, GOI New Delhi, Professor Dinesh Kumar, Indian Institute of Technology Roorkee and Professor Anuj Jain, Motilal Nehru National Institute of Technology Allahabad during inaugural session.

National Conference on Recent Advances in Innovative Materials (RAIM-08)

Department of Applied Sciences & Humanities organized a National Conference on "Recent Advances in Innovative Materials" (RAIM-08) on February 16-17, 2008. Dr. A. S. Singha, and Dr. Subhash Chand were the Coordinators and Dr. Kuldeep Kumar Sharma and Dr. S. K. S. Parashar were the Organizing Secretaries.

Renowned Scientist Dr. Chandra Prakash, Additional Director, DRDO Delhi, was the Chief Guest and the eminent scientist Dr. S.M.D Rao IOP, Taiwan was the guest of honor of the inaugural function. During the inaugural function the Dr. Chandra Prakash delivered the keynote address on "Novel Processing of ferroelectrics" and Dr. S.M.D Rao emphasized the need of indigenously making very costly equipments like SEM, AFM & TEM etc. in order to achieve excellence in Nano-Science & Technology Research and eradicate poverty in the country.

Dr. Chandra Prakash, Additional Director, DRDO Delhi, Dr. S.M.D Rao IOP, Academia Sinica, Taiwan, Dr. Sanjeev .Bhargava, Director IIITDM Jabalpur, Dr. J. Govindarajan, IPR Gandhinagar, Dr. S. K. Nema, IPR Gandhinagar, Dr. Ravi Kumar, IUAC Delhi, Dr. P.K. Ahluwalia, HPU Shimla, Dr. R.C.Verma, Punjabi University Patiala, Dr. B.P. Singh, IIT Bombay, Dr. T. Kundu, IIT Bombay and Dr. Subhasish B. Majumder, IIT Kharagpur delivered the invited talks during the conference.

There were 16 oral presentation and 40 Poster presentations. The conference Souvenir was released on the inaugural function, which include 114 abstracts of research papers. After peer review process 74-papers were published in the conference proceeding.

Administrative Responsibilities

Deans / TPO / FIP	Name
Dean (Planning and Development)	Prof. A.S. Singha
Dean (Academic)	Prof. J.N. Sharma
Dean (Industrial Research, Development and Consultancy)	Prof. R.K. Sharma
Dean (Students and Alumni Affairs)	Prof. Lalit Awasthi
Training & Placement Officer	Prof. Sushil Chauhan
Faculty Incharge, Institute Purchase	Dr. Rajesh Sharma
Coordinators	Name
Security	Sh. A. L. Sharma, Registrar
Campus Development and Renovations	Dr. Pardeep Kumar,
Transport	Sh. Prashant Kumar
Community Development Initiative	Sh. Umesh Kumar Pandey
Campus Wide Networking, Institute Automation and Website Maintenance	Sh. Kumar Sambhav Pandey
Institutional and inter NIT Networking	Prof. Sunand Kumar
Communication Systems and Video-Conferencing	Mrs. Kamlesh Dutta
ST/SC/OBC Activities and NCC	Dr. Piar Chand
Medical Facilities	Dr. Arvind Kumar
Institute Newsletter	Dr. S.K. Pradhan
Chief Editor: Srijan	Sh. Amit Kaul
Guest House	Dr. S.S. Katoch
Chairman, SUGC and Industry Institute Interaction	Prof. Rakesh Sehgal
Chairman, SPGC	Dr. R. K. Dutta
Admission Committee	Dr. Y.D. Sharma
Registration, Result Preparation and Convocation	Dr. Sunil
Time Table, Class Room Infrastructure and Management	Sh. Himant Ku. Vinayak
Library and Students Counseling	Prof. A.D. Bhatt
Continuing Education Centre	Prof. Y.R. Sood
Energy Centre	Dr. N.S. Thakur
Material Science Centre	Sh. Amar Patnaik
Bio-Technology Centre	Dr. Pamita Awasthi
TIFAC CORE	Prof. R. N. Sharma
ISTE and all Technical Festivals for Students	Sh. Manoranjan Bharti
President: Student Activities	Dr. Vijay Shankar Dogra
Sports and CSS	Sh. Himesh Handa
Cultural Club	Sh. Sidharth
Alumni Affairs	Sh. Chandra Prakash
Chief Warden	Prof. Vinod Kapoor
Departmental Equipment and Institute Purchase	Sh. Ashok Kumar & Sh. Rajeev Kumar,
Library, Furniture, Medicine Purchase, etc.	Dr. Pawan Kr. Sharma

Services to Community and Tribal Development Programme

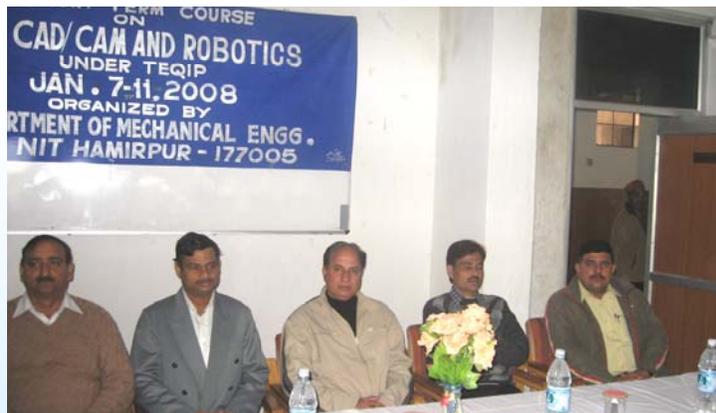
- Short term awareness training programme on “Electrical Wiring and Repair of Electrical Appliances” under TEQIP Services to Community Programme was organized by EED, NIT Hamirpur HP from 7th to 11th January 2008, for class-D employees of NIT Hamirpur. Course coordinators: **Dr. Yog Raj Sood, Dr. R. K. Jarial, and Dr. Zakir Husain.**

Accreditation of the Institute

- Accreditation team consisting of 11 members under the chairmanship of Prof. L.M. Patnaik, IISc Bangalore visited NIT, Hamirpur for accreditation for B.Tech. programme of Mechanical, Electrical, Civil, Electronics and Communication and Computer science and Engineering departments during 26th to 28th, 2007. All the five branches of engineering have been accredited for five years from January 22, 2008 onwards by National Board of Accreditation (NBA).

Short Term Courses/Training Programmes Conducted

- One week short term course on “**CAD/CAM and Robotics**” was organized by Department of Mechanical Engineering from 07-11 January 08 under TEQIP. Course received overwhelming response for participation as the organizer received thirty-one registration forms and finally twenty-eight participants from various technical institutes and universities attended the course. **Sh. Sant Ram Chauhan, Sh. Prashant Kumar, Prof. Anoop Kumar and Sh S. K. Pradhan** were the joint coordinators of the course. Dr. P.M.Pathak and Dr. Inderdeep Singh of IIT, Roorkee delivered expert lectures on current development in the field of Robotics.
- Computer Science and Engineering Department organized a one-day workshop on “**High Performance Computing**” on 7th November 2007. **Mr. Sudhir Dhawan** IBM distinguished Engineer was resource person for the Workshop.
- Computer Science and Engineering Department organized a one-credit course on “**Mobile Database**” to CSE M.Tech. and B.Tech. Final Year students on 3rd and 4th January 2008. **Professor Vijay Kumar**, Missouri City, USA was the resource person for the course.
- Computer Science and Engineering Department organized a one day workshop on “**Specification, Simulation and Synthesis with SystemC**” on 14 March 2008. **Mr. Kumar Sambhav Pandey** was resource person for the Workshop.
- The 11th "Healing Breath Workshop" (Art of Living Course part-1) has been organised in the NIT Campus from 26-02-2008 to 02-03-2008. **Dr. Sunil** was the co-ordinator of this course. 55 students benefited from this course.



Inauguration ceremony of TEQIP sponsored STC on “CAD/CAM and Robotics”



Students of NIT Hamirpur during “Healing Breath Workshop”

Student Activity

NIMBUS 2008

“*Experience is what you come across unexpected and end up learning something new*” said Prof Mukul Gupta from MDI Gurgaon, one of our guests of NIMBUS2008. To ease the onus of smoothly running this Mega event, preparations had started in November 2007. In spite of early beginning with careful planning, circumspection and steady vision, the actual NIMBUS2008 from 13th to 16th March was a lot different from the organizing team’s imagination. The events shaped up very beautifully without technical flaws drawing an overwhelming participation at every event. The guest list of eminent professors, engineers, architects, scientists and industrialists added to the rich educating process during this NIMBUS2008.

The campus was reverberating with the buzz, activities and actions of the departmental teams this beautiful spring. The Electrical and Electronics Engineering Department organised highly successful events like e-quest, transformer exhibition and stripping, MATLAB-special Distortion Dignified, circuit design contests, traffic light control using microcontroller, Vertical Windmill Design contest and a seminar on black line follower beam robotics by an expert from Appin Solutions.

The “mech-merising” Mechanical Engineering Department had a host of quality events like ‘Mindz n Machines’, Skyacht- the glider design contest, MechQuiz, Joule Effect- insulation design contest, Contraptions & Robowars besides an auto show of Maruti Suzuki SX4 and Hyundai’s Getz and i10 which was attended with huge fan-following and participation.

The Computer Science and Engineering Department had a successful line of events such as workshop on System C, Debugging Contest, Programming contest, Microprocessor programming contest and of course, the Virtual game arena of CounterStrike and NFS.

The Electronics and Communication Engineering Department had very beautifully organised and well attended events like TV stripping, online quiz & Design contest, Three – storey circuit house, workshop on SPICE, DSP workshop by Prof. P.K Bora, HOD(ECE) at IIT-Guwahati, an expert lecture on Optical Communication by Assistant Professor Dr. Y.N Singh from IIT-Kanpur and also a paper presentation contest .

The Architecture Department added more buzz and pumped in tremendous energy with fun filled events like Kite flying, Paparazzo, 3 Rupees in 3 hours, Wild Goose Chase- treasure hunt besides Design competitions, expert lecture by Dr. P.K. Jain from SLIET, documentary on Extreme Engineering and visit by Mr Vijay Uppal, Chief Architect, H.P.

The Best Department Award went to the Civil Engineering Department. It had beautifully structured events, demonstrations, best management and a whopping participation in all their events like Sanrakshan- filter design contest, Saastraarth -the quiz, SURVEYKSHAN-treasure hunt based on surveying skills, expert lecture by Mr R.Koundal, SWE Dharamshala and SAMBHAV- a bridge made of newspapers and strings only on which the Director, Prof I.K Bhat walked across.

Besides this, we also had science and math Olympiad, Entrepreneurship workshop, Bizwiz and guest lectures on various fields by Prof Moin Uddin Director NIT Jalandhar, Dr Pawan Kapur Director CSIO, Prof Mukul Gupta MDI Gurgaon, Dr M.N Bandhopadhyay Director NIT Kurukshetra, Dr V.N Vaidya Head Fuel Chemistry Division BARC, Mr Daleep Parimoo Expert HRM, Mr B.N Kashyap MD Dateline Publications, Dr R.L Chauhan Chairman BOG, NIT Hamirpur.

The Co-sponsors RELAINCE MOBILE, TULIP HAVA HARDWARE, Event sponsors AAR VEE CONTROLS, SJVNL, TechPro, HIPA, HIMURJA, BULL’s EYE, ADVANCE TECHNOLOGY, New India Assurance & media partners MH1, Dainik Bhaskar, My FM were also of tremendous help, support and a synergistic guidance. NIT Hamirpur’s NIMBUS2008 has definitely come a long way and made its name among the top tech-fests of North India and the message is spread far & wide as we had participants from Lovely Professional University Phagwara, Hooghly Engg & Technology College, Kolkata, IESIPS Indore, JNGEC Sundernagar among many others.



NIMBUS 2008 Activities during March 13 – 16.

ROBOTICS WORKSHOP

- ISTE student chapter of NIT Hamirpur in collaboration with Nex-Robotics Mumbai organized a three-day workshop on Intelligent Robotics and Image Processing in the campus of NIT Hamirpur from 11th to 13th January 2008. The workshop was attended by 60 students. During the workshop participants were given exposure for making autonomous Robots. The highlights of the workshop were White Line Following, and Wall Hugging. The workshop concluded with a lecture on Image Processing.

SPEC Fest-2008 E&CED NIT Hamirpur

- Electronics & Communication Engineering Department has organized SPEC Fest-2008 from 22nd to 24th February 2008. The fest was a joint venture of SPEC (Society for Promotion of Electronic Culture) and Electronics and Communication Department, NIT Hamirpur. The fest was sparked with numerous enticing and competitive workshops and events viz. Photoshop contest, Circuit Design Contest, PCB making were held on 23 Feb 08. The technical paper contest was chaired by Dr. Rajeevan Chandel HOD E&CED on 24th Feb 2008.
- Mr. Balgopal Singh, Mr. Sharwan Joshi, Mr. Dipanjan Mazumdar and Mr. David L Buongpui of third year Mechanical Engineering Department have been selected for solar innovation programme under the supervision of CIIE - IIM, Ahmedabad. During the training period each will get fellowship of Rs. 8000/- per month. Web : http://www.ciieindia.org/?page_id=91.
- Mr. Balgopal Singh of third year Mechanical Engineering Department has been selected for the internship as project trainee at Mercedes Benz research and Development, India. During training period he will get fellowship of Rs. 12,000/- per month.
- Mr. Yennampelli Nataraj 06906 and Mr. Rajan S. 06908 of M.Tech. VLSI Design E&CED have been selected for the Internship as Project Trainees at M/s ST Microelectronics Ltd. (w.e.f. Feb., 2008 to July 2008) during 4th semester.
- Hamirpur NIT Institute of Engineers Students' Chapter (Electrical) with the financial help of TEQIP organized an Expert lecture delivered by Dr. R Jha, Prof. and Head (Instrumentation and control Engineering Department.), NIT Jalandhar on "Controllability, Observability and stability of non-linear system using Liapunov Popov method" in the Electrical Engg. Department, NIT Hamirpur.
- A group activity was conducted by the students registered in Community Service Scheme (CSS) on 27th March, 2008. CSS has been started to inculcate the habit of social service & Environment awareness among the students.
- NIT Hamirpur celebrated Saraswati Puja at the premises of the Kailash Boys' Hostel, NIT, Hamirpur from 16-17 February, 2008. Faculties with their families and students from all the years were present during the Puja. The entire faculty and administrative staff members were present to take the blessings of the Goddess.
- A student delegation of 40 students went to MNIT, Bhopal to attend the annual NASA (National Association of Students of Architecture) convention 2008 held from 28th December to 31st December, 2007. There were around 60 formal and informal events that took place in the convention. The students participated in around 40 events and won prizes in 9 of them.
- A survey trip of 4th year Architecture students to Chandigarh under Ms Sarita Sood was conducted to making them understand the current trends in Interior Design from 29th Feb to 2nd March, 2008.



Students working for PCB making during SPEC Fest-2008



Students involved in cleanliness drive under the CSS activity.



Saraswati Puja celebrated at the premises of the Kailash Boys' Hostel

An autonomous robot fabricated by the students of NIT Hamirpur

Sports Activities

With the Inter Engineering Deemed University Volleyball/Basketball Tournament on March 30th-31st, 2008, one more Sports Calendar unique in being one of the finest, the most happening and the busiest of all with a variety of events, came to an end. The sports committee again proved that sports are an integral part of any institute and very important for an all round development of personality. A number of new events were organized this year to maintain the interest of the students in sports and to sustain Sports Culture in the institute. Billiard/Snooker room was added as a new facility, henceforth a Billiard club has been formed in the institute. To enhance the participation in the sports activities, students took an initiative and started NITH Premier League (NPL) and NITH cricket league (NCL). In both these leagues a number of teams beyond the boundaries of branch and year were encouraged to participate, which definitely increased the participation.

The sports activities were held throughout the year.

The sports calendar kicked off with the Inter Branch Tournaments for boys and girls in Cricket, Football, Basketball, Volleyball, Badminton, Table Tennis, Carrom, Chess etc. In inter branch competitions (BOYS) the CIVIL ENGINEERING and COMPUTER SCIENCE DEPARTMENT emerged as overall champions whereas for GIRLS competitions ARCHITECTURE department was the overall champion. Inter Year Tournaments were held in even semester, wherein HOCKEY "the national game" was also in the list. In BOYS section FINAL YEAR stood as overall champion and SECOND YEAR made a mark as overall champion in GIRLS section. LALKAAR-08 the 21st Annual Athletic Meet was organized to its full scale on March 7th-8th, 2008. A number of athletic events were held in this two day function. A cultural evening was also organized in Lalkaar-08, which was highly appreciated, enjoyed by all. Mr. Kamalkant Singh of Third year Electrical Engineering and Miss Sneha Thakur of First year Civil Engineering were adjudged as best athletes among boys and girls respectively. In the tug of war between faculty and students, students proved their might and won the event. Sh. Asif Jalal, Superintendent of Police, Hamirpur was the chief guest on the prize distribution ceremony of LALKAAR-08.

Our teams also participated in the tournaments held in other institutes as well. The football team participated in Inter Engineering Deemed University football tournament held at TIET Patiala. In MNIT Jaipur sports tournament, institute football, basketball and table tennis teams performed very well. Our girls' basketball team, which participated first time in this competition, won second position and brought laurels to the institute. The boys basketball team also reached the semifinals among 12 teams from all over India.

Inter Engineering Deemed University

The Sports Department also organized the Inter Engineering Deemed University Volleyball/Basketball Tournament from March 30th-31st, 2008. Apart from hosts, teams from NIT Jalandhar, NIT Kurukshetra, PEC Chandigarh, SLIET Longowal and TIET Patiala participated in this tournament. It was first time that six teams from different institutes participated in such tournament. Teams from TIET Patiala stood top in both the games, however all the matches were closely fought. The tournament was a great success, as a number of matches were organized smoothly. Prof. I.K. Bhat has been the chief guest of opening and closing ceremony of the tournament. Also we had international Volleyball player and coach, Sh. Jagir Singh Ji, as our Guest of Honour for the closing ceremony. Guest teams highly appreciated the sports facilities at NIT Hamirpur. Prof. I.K. Bhat stressed on the role of sports in personality development, while Sh. Jagir Singh also gave several valuable suggestions on this occasion.



Inaugural ceremony of Billiard Hall



Winners of Boys and Girls sports events during "LALKAAR-08"



Winners of Volley Ball / Basket Ball (TIET Patiala) during Inter Engineering Deemed University Tournament →

International Collaboration with Sheffield Hallam University, UK

Professor Graham Button and Professor Bob Harris from Sheffield Hallam University UK along with Mr. Joy J Nandi from New Delhi visited National Institute of Technology Hamirpur during February 24-26, 2008 in connection with technical collaboration between SHU UK & NIT Hamirpur, India. The visiting team was very much impressed with the standard of B.Tech./M.Tech. programmes, running at NIT-Hamirpur. They appreciated the facilities created and developments taking place all around the campus. A Memorandum of Understanding (MoU) was signed between Sheffield Hallam University UK and National Institute of Technology Hamirpur (Himachal Pradesh) on February 25, 2008 to have technical collaboration that includes Establishment of Centre of Excellence in Material Sciences & Bio Technology, joint PG/Ph.D Programmes, Joint Research programmes, Organization of joint conferences / short term programmes / Expert lectures and students exchange programmes being the main issues of collaboration.



Memorandum of Understanding (MoU) was signed between Sheffield Hallam University UK and National Institute of Technology, Hamirpur on 25th February, 2008.

2nd Convocation - 2008

NIT, Hamirpur, organized 2nd Convocation on 05th January, 2008. On the occasion of 2nd Convocation, Prof. R. Natarajan, Former Chairman AICTE & Former Director, IIT Madras, and Justice M. L. Varma, Former Hon'ble Justice of Delhi High Court, were the Chief Guest and Guest of Honour, respectively. Besides these dignitaries, Chairman BoG, Director, Members of BoG, Senate Members, Faculty members and Staff of NIT, Hamirpur, and Granddaunts of the Year 2006 & 2007 & their Parents were present in the convocation. All the Graduates qualified in the year 2006, 2007 and Post Graduates for the Year 2007 were conferred with the Degrees. In this convocation degrees were conferred to 428 graduates of B.Tech. and B.Arch. of 2006 and 2007 batch. 26 Postgraduate students in Mechanical, Electrical and Civil Engineering were awarded M. Tech. degree. The degrees were conferred by Director NIT Hamirpur.

Director's Medal for the year 2006 were given to Mr. Praveen Singh Jaswal (Civil), Miss Ruby Manchanda (Electrical), Mr. Rahul Sharma (Mechanical), Mr. Souvik Kumar Chakravarty (E&C), Md. Intekhab (CSE) and Miss Neha Bhagra (Architecture) for obtaining highest marks in their respective disciplines. Miss Sapna Katoch (Civil), Miss Payal Gupta (Electrical), Mr. Pawan Deep Jamta (Mechanical), Mr. Rasik Banta (E&C), Mr. Amit Ahuja (CSE) and Mr. Sachin Sharma (Architecture) received Director's medal for the year 2007. These medals were presented by the Chairman BoG, NIT, Hamirpur. Hon'ble Chief Guest presented Best Student Award for the year 2006 to Md. Intekhab, (CS&E) and Mr. Varun Rajput, (CS&E). For the year 2007 Mr. Kumar Ashutosh, (E&C) received best student award. Overall topper of 2006 batch Md. Intekhab administered oath to all Degree recipients.

For the first time in the history of NIT, Hamirpur, Director announced the best faculty and staff awards for their exemplary contribution towards brand building of the Institution. Six faculty members, eight technical staff members (Group - C), five ministerial staff members (Group - C) and four (Group - D) members were recognized for their contributions. The Guest of Honour gave these awards.



Second Convocation-08

Courses, Seminars and Training Programmes Attended

- **Dr. (Mrs.) Rajeevan Chandel** AP & Head E&CED and **Er. Kamlesh Dutta** CSE Department attended a ZOPP-08 Workshop of SMDP-II Project at IIT Kanpur from 11-13 Feb., 2008.
- **Dr. Kuldeep Kumar Sharma** attended the “Workshop on Emerging Technologies in Nano-Science” organized by the Department of Physics, Punjabi University, Patiala on Feb. 20, 2008.
- **Dr. Kuldeep Kumar Sharma** attended the Short Term Course on “CAD/CAM and Robotics” organized by the Department of Mechanical Engineering, NIT-Hamirpur (HP) from January 7-11, 2008.
- **Dr. Pardeep Kumar** attended Short Term Course on “Creative Teaching of Structural Analysis” JNTU Hyderabad, Dec. 17-22, 2007.
- **Dr. Rajeevan Chandel, Dr. Ashwani Chandel** and **Mrs. Gargi Khanna** attended National Conference on Quality, Reliability, Maintainability Aspects of Engg. Systems QRMAES-07, NIT Hamirpur HP, Dec 27-28, 2007
- **Dr. Rajeevan Chandel, Er. Gargi Khanna** and **Er. Gagnesh Kumar** attended a National Conference on “Recent Advances in Innovative Materials” on. 16-17 Feb., 2008 at NIT, Hamirpur HP.
- **Dr. Rajeevan Chandel, Sh. SK Soni** attended TEQIP STC on Current Inclinations in Biotechnology, NIT Hamirpur HP, Dec 11- 15, 2007.
- **Er. Ashwani Kumar**, Sr. Lect. attended Short Term Course on “Nanostructured Materials-Research and Development Status” w.e.f. Feb. 18-22, 2008 at IIT Roorkee.
- **Er. Manoranjan Rai Bharti**, Lect. E&CE attended a Short Term Course on “VLSI Signal Processing at Kharagpur from 29 Nov to 4 Dec, 2007 at IIT Kharagpur.
- **Miss. Amanjeet Kaur** attended Five day QIP course held in School of Planning and Architecture, JNTU Campus, Hyderabad on Impact of ICT on Urban Development from 7th to 11th January, 2008.
- **Mr. Umesh Kumar Pandey** and **Mr Hemant Kumar Vinayak** attended the National Workshop on "Health Monitoring, Non-Destructive Evaluation and Retrofitting of Structures" IIT, Delhi on 7-8th March 2008.
- **Ms K Dutta** and **Sh. D S Jaswal** Librarian attended the Annual INDEST Workshop and meet held at IIT roorkee, on 26-27 December 2008.
- **Prof. A.S. Singha** attended 6th International Symposium On fuels and Lubricants held at New Delhi w.e.f. March 9-12, 2008.
- **Prof. A.S. Singha** attended International Conference on Advances In Polymer Science &Engineering, New Delhi January 28-31,2008.
- **Prof. Lalit K. Awasthi** and Prof Vinod Kapoor, Visited Chandigarh on 8/03/2008 for representing NIT Hamirpur at HCL event on HCL’s academic initiative.
- **Prof. Lalit K. Awasthi** and Prof. Vinod Kapoor, attended CII National Conference on “Industry Technical Education Convergence” at IETE Baddi and delivered a talk on, “Divergence in Industry Institute Interactions” 5th February, 2008.
- **Prof. Lalit K. Awasthi** attended ISEA National workshop on 19-20 December 2007 at IIT Chennai.
- **Prof. Lalit K. Awasthi**, attended AICTE sponsored SDP on “Trends in Teaching Skills in Technical Education”, 23rd February 2008 at MBS College of Engineering & Technology, Jammu.
- **Prof. Sunand Kumar, Dr. N.S. Thakur, Dr. Rajesh Sharma, Mr. Sidharth, Mr. Varun** and **Mr. Amar Patnaik** attended one week Short Term Course on CAD/CAM and Robotics from January 7-11, 2008 organised by the Department of Mechanical Engineering, at National Institute of Technology, Hamirpur (HP)–177 005.
- **Sh. O.P. Rahi** attended a Short Term Course on “Performance Testing & Evaluation of Small Hydro Power Stations”, sponsored by Ministry of New & Renewable Energy (GOI) at IIT Roorkee, during March, 11-15 2008.
- **Sh. O.P. Rahi** attended an AICTE sponsored Short Term Course on “Recent Advances in Testing & Design of Electrical Insulation”, at IIT Kanpur w.e.f. December 17-23, 2007.

Industry Institute Interaction

Lectures Delivered

- **Er. Rajesh Sharma**, GM T-Mobile USA & an Alumni of E&CE Deptt delivered an expert lecture on “Wireless Communication Technology” at E&CED, NIT, Hamirpur on 18th March, 2008.
- **Dr. Pawan Kapur**, Director, CSIO Chandigarh delivered an expert talk on “Development Competency in Instrumentation Design and Fabrication” at NIT, Hamirpur on 13th March, 2008.
- **Dr. V.N. Vaidya**, BARC delivered an expert talk on “Atomic Energy” at NIT, Hamirpur on 15th March 2008.
- **Sh. B.N. Kashyap**, MD, Dateline Publications, Mehatpur delivered an expert talk on “Entrepreneurship” at NIT, Hamirpur on 15th March 2008.

Other Activities

- To strengthen Industry Institute Interaction NIT, Hamirpur applied for membership of CII

Expert Lectures

- **Prof. Bob Harris**, Dean of International Development, Sheffield Hallam University, UK has delivered an expert lecture on “The Design and Development of SHU Formula Student Racing Car” on 25th February, 2008 at NIT, Hamirpur.
- **Prof. S.S. Rajput** ABV-IIITM Gwalior in E&CED delivered an Expert Lecture on “Essentials of Analog Design” at E&CED, NIT, Hamirpur on 07-03-2008.
- **Er. Anjum Sharma** has delivered expert lecture on “Computer Graphics to faculty of Punjab Technical University” on 16th December, 2007 at NIT Hamirpur.

Lectures Delivered

- **Dr. Rajeevan Chandel**, AP & Head E&CE Department delivered an expert lecture on “VLSI Design Issues” and a seminar on “Progress in SMDP-II Project” in E&CED, NIT Hamirpur on 20th February, 2008.
- **Dr. Surjit Singh Katoch**, delivered lecture on the topic "Biomedical Waste Classification and Prevailing Management Strategies" at Seminar Hall, Civil Engineering Department, NIT Hamirpur on 21st January, 2008.
- **Er Hemant Kumar Vinayak** delivered a lecture on "Structural Health Monitoring, Non-destructive Evaluation and Retrofitting of Structures" on 19th March 2008 at NIT Hamirpur.
- **Er. Gagnesh Kumar** in E&CE Dept delivered an expert lecture on “Power Consumption in Analog VLSI” on 25th January, 2008, NIT Hamirpur.
- **Er. Kusumlata Thakur** delivered expert lecture on “Core Java to faculty of Punjab Technical University” on 17th December, 2007 at NIT Hamirpur.
- **Er. Manoranjan Rai Bharti** in E&CE Dept. delivered a lecture on “VLSI Signal Processing” on 23rd January, 2008 in E&CED, NIT Hamirpur.
- **Er. Naveen Chauhan** delivered expert lecture on “C++ to faculty of Training Center of Punjab Technical University” on 16th December, 2007 at NIT Hamirpur.
- **Er. Siddhartha Chauhan** delivered expert lecture on “VB .Net to faculty of Training Center of Punjab Technical University” on 17th December, 2007 at NIT Hamirpur.
- **Er. Vinod Kumar** in E&CE Deptt delivered a talk on “Educational Tour to Delhi” on 25th January, 2008.
- **Mr. Parminder Singh**, VLSI Faculty in E&CE Department delivered a talk on “Synthesis of Digital System” on 9th January, 2008.
- **Prof. I. K. Bhat** delivered an expert lecture on “Role of a teacher” at AICTE sponsored SDP on Trends in Teaching Skills in Technical Education, on 23rd February 2008 at MBS College of Engineering & Technology, Jammu.
- **Prof. I. K. Bhat** delivered a talk on “AICTE –NBA Accreditation” at MIET, Jammu, 24th February 2008
- **Prof. J. N. Sharma** delivered lecture on the topic “Wave Propagation in Piezo Materials” in 1st National Conference on Applied Mathematics from 1st December, 2007 organized by Guru Nanak Dev Engineering College Ludhiana (Punjab).
- **Prof. L.K. Awasthi** delivered expert lecture on “Advance Java to faculty of Training Center of Punjab Technical University” on 18th December, 2007 at NIT Hamirpur.
- **Prof. Lalit K. Awasthi**, delivered a talk on “NBA Accreditation” at MIET, Jammu, 24th February 2008.
- **Prof. Lalit K. Awasthi**, delivered an expert talk on “Use of IT Tools for Teaching Learning Process” at AICTE sponsored SDP on “Trends in Teaching Skills in Technical Education”, 23rd February 2008 at MBS College of Engineering & Technology, Jammu.
- **Prof. Yog Raj Sood** delivered lecture on “Earthling of High Voltage Laboratory-A Case Study” in Electrical Engg. Department of NIT Hamirpur on 20th February 2008.
- **Prof. Yog Raj Sood** delivered lecture on “Energy Conservation in Routine Use of Energy”, during short-term awareness training programme under Services to Community Programme of TEQIP on, “Electrical Wiring and Repair of Electrical Appliances” on 7th January 2008 at NIT Hamirpur.
- **Prof. Yog Raj Sood** delivered lecture on “Restructuring and Deregulation of Power Sector”, during National Conference on, “Advances in Power Systems and Energy Management”, 2nd March 2008 at Chitkara Institute of Engineering and Technology, Village Jansla, Tehsil Rajpura, Distt. Patiala.
- **Prof. Yog Raj Sood** delivered lecture on “Working of Electrical Appliances” during short term awareness training programme under Services to Community Programme of TEQIP on, “Electrical Wiring and Repair of Electrical Appliances” 11th January 2008, at NIT Hamirpur.

Papers Published in Journals (International/National)

International

- **A. S. Singha**, Anjali Shama and B.N. Misra, "Pressure Induced Graft Co- polymerisation of Binary Vinyl Monomer Mixtures onto Saccharum Cilliare Fiber and Evaluation of Some Physical, Chemical and Thermal Properties", *Journal of Polymer Material*, Vol. 25 (1) pp. 91-99,2008.
- **A.S. Singha**, Anjali Shama and Vijay K Thakur. "Pressure Induced Graft Co- polymerisation of Acrylonitrile onto Saccharum Cilliare Fiber and Evaluation of Some Properties of Grafted fibres", *Bulletin of Material Science*, Vol. 31(1), pp. 01-07, 2008.
- **Amar Patnaik**, Alok Satapathy, S.S. Mahapatra and R.R.Dash, "Erosive Wear Assesment of Glass Reinforced Polyester-Flyash Composites using Taguchi Method", *International Polymer Processing*, DOI 10.3139/217.2113, 2008
- **Amar Patnaik**, Alok Satapathy, S.S. Mahapatra and R.R.Dash, 2007 "A Modeling Approach for Prediction of Erosion Behavior of Glass Fiber- Polyester Composites", *Journal of Polymer Research*, DOI 10.1007/s10965-007-9154-2, 2008
- **Amar Patnaik**, Alok Satapathy, S.S. Mahapatra and R.R.Dash., "A Taguchi Approach for Investigation of Erosion of Glass Fiber-Polyester Composites", *Journal of Reinforced Plastics and Composites*, doi:10.1177/0731684407085728, 2008.
- **Amar Patnaik**, Alok Satapathy, S.S. Mahapatra and R.R.Dash., "Parametric Optimization of Erosion Wear of Polyester-GF-Alumina Hybrid Composites using Taguchi Method" *Journal of Reinforced Plastics and Composites*, doi:10.1177/0731684407086867, 2008.
- B.S. Kaith, **A.S.Singha** , Sanjeev Kumar and Susheel Kalia " Mercerization of Flax Fiber Improves the Mechanical Properties of Fiber Reinforced Composites" *International Journal of Polymeric Materials*" Vol. 57(1), pp. 54-72 , 2008.
- D.S. Pathania, **J.N. Sharma** and R. Kumar, "Propagation of Rayleigh-Lamb waves in Thermo-Microstretch elastic plates", *International Journal of Applied Mechanics and Engineering*, Vol. 12, pp. 1147-1163, 2008.
- **J .N. Sharma** and V. Walia, "Effect of rotation and thermal relaxation on Rayleigh waves in piezothermoelastic half-space", *International Journal of Mechanical Sciences*, Vol. 40, pp. 433-444, 2008.
- **J .N. Sharma** and V. Walia, "Reflection of piezothermoelastic waves from the charge and stress free boundary of a transversely isotropic half-space", *International Journal of Engineering Science*, Vol. 46, pp. 131-146, 2008.
- **J.N. Sharma**, Satish Kumar and **Y.D. Sharma**, "Propagation of Rayleigh surface waves in microstretch thermoelastic continua under inviscid fluid loadings", *Journal of Thermal Stresses*, Vol. 31, pp. 18-39, 2008.
- **Rajeevan Chandel**, S. Sarkar, and **Ashwani Chandel**, "Investigations on Short-Circuit Power Dissipation in Repeater Loaded VLSI Interconnects", *Journal of Low Power Electronics*, Vol. 3(3), pp. 337-344, 2007.
- **Rajesh Roshan Dasha**, Chandrajit Balomajumder and Arvind Kumar, "Treatment of metal cyanide bearing wastewater by simultaneous adsorption and biodegradation", *Journal of Hazardous Materials*, Vol. 152, pp. 387-396, 2008.
- S. Angra, **Rakesh Sehgal** and Z. Noori, "Cellular manufacturing- A time based analysis to layout problem, International Journal of Production Economics", Vol. 112, pp. 427-438, 2008.
- S.S. Mahapatra, **Amar Patnaik**, Alok Satapathy, and R.R.Dash. 2007, "Taguchi Method Applied to Parametric Appraisal of Erosion Behavior of GF-Reinforced Polyester Composites", *Wear*, doi:10.1016/j.wear.2007.10.001.
- Singal SK, **Varun** and Singh RP, "Rural electrification of a remote island with renewable energy sources, *Renewable Energy*, Vol. 32 (15), pp. 2491-2501, 2007.
- **Sunil** and Amit Mahajan, "A nonlinear stability analysis for rotating magnetized ferrofluid heated from below saturating a porous medium" *ZAMP (Netherland)*, 2008.
- **Suresh Dhiman**, S.K. Sharma, **Rakesh Sehgal** and Vishal Sharma, "Influence of approaching angle and cutting parameters on cutting forces, tool tip temperature and surface roughness during turning of adamite", *International Journal for Manufacturing Science & Production (IJMSP)*, Vol.8(4), pp. 76 - 85, 2008.
- **Varun** and **I. K. Bhat** and Ravi Prakash, "Life cycle assessment: an overview", *The Environ Monitor Journal of Environmental Sciences Technologies and Engineering*, Aug-Sep, 2007.
- **Varun**, Saini RP and Singal SK, "Investigation of thermal performance of solar air heater having roughness elements as a combination of inclined and transverse ribs on the absorber plate", *Renewable Energy*, Vol. 33 (6), pp. 1398-1405, 2008.
- Vishal S. Sharma, **Suresh Dhiman**, **Rakesh Sehgal** and S.K. Sharma, "Assessment and optimization of cutting parameters while turning AISI 52100 steel", *International Journal of Precision and manufacturing*, Vol. 5(9), pp. 1-10, 2008.

National

- **Amanjeet Kaur** and **Neetu Kapoor**, "Judge's Court-Pragpur Heritage Village", *Time, Space and People*, March, 2008.
- **Amanjeet Kaur** and **Neetu Kapoor**, Ashwani Kumar, "Cracks in Buildings", *Construction Journal of India*, January, 2008.
- **Rajeevan Chandel**, "Design Techniques for VLSI and Communication DTVC-2007", *VSI Vision*, <http://vlsi-india.org>, Vol. 3(2), pp. 25, August 2007.
- Randhir Singh and **Yog Raj Sood**, "Renewable Energy in the Power Sector", *Electrical India*, Vol. 48(2), pp. 94-102, 2008.
- **Vandana Sharma** and Aniket Sharma, "Vernacular Architecture of Himachal" *Time, Space and People*, January 2008.
- **Y. R. Sood** and Jashan Deep Singh, "Energy Management from Wastes", *Electrical India*, Vol. 48(1), pp. 160-167, January 2008.

Papers Published in Conferences (International/National)

- A. Gupta and **L.K Awasthi**, "Peer Enterprises: Possibilities, Challenges and Some Ideas Towards Their Realization", *OTM 2007 Ws*, Part II, LNCS 4806, pp.1011-1020, 2007.
- **A. S. Singha** and Thakur V.K, " Bio-fuels as Eco-Friendly Renewable Energy Sources" *6th International Symposium On fuels and Lubricant*, New Delhi , March 9-12, 2008.
- **A. S. Singha** and Thakur, V.K, "Synthesis and study of Rice Husk Reinforced Polymer Composites", *APA International Conference on Advances In Polymer Science & Engineering , HPPM-OL-7* , New Delhi, India, January 28-31,2008.
- **A. S. Singha** and Thakur, V.K, "Synthesis and Evaluation of mechanical properties of Saccharam Cilliare Fiber Reinforced Green Composites", *APA International Conference on Advances In Polymer Science &Engineering GPTG-PO-196*, New Delhi January 28-31, 2008.
- **Amar Patnaik, S.K. Pradhan**, and Maheshwar Dwivedi, "Parametric Analysis and Optimization of Cutting Operations based on Taguchi method", *National conference on Recent Advances in Innovative Materials*, at NIT Hamirpur, pp. 268 – 272, Feb. 16-17, 2008.
- **Amba D.Bhatt**, and Ravi M. Warkhedkar, "From CT scan to analytical human anatomy", *International Conference on the Applications of Computerized Tomography "CT 2008"*, pp-1-4, Kanpur, India, February 15-17, 2008.
- Ankur Gupta, and **Lalit K. Awasthi**, "P4P: Ensuring Fault-Tolerance for Cycle-Stealing P2P Applications", *International Conference on Grid Computing and Applications, GCA 07*, pp. 151-155, June. 25-28, Las Vegas, USA, 2007.
- Ankur Gupta, **Lalit K Awasthi**, "Parch: A Peer-to-Peer Based Email Archival Application" *International Conference ICDM*, pp. 622-630, 2008.
- B.S Kaith, **A.S Singha**, D Pathania and Chauhan Ashish " Screening the Effect of 2-Vinyl Pyridine in Binary Monomeric Mixture with Methylacrylate for Graft Co-polymerization onto Waste Hibiscus Sabdariffa Biomass" *APA International Conference on Advances In Polymer Science &Engineering PCHR-PO-88* , New Delhi, January 28-31,2008.
- **Gargi Khanna**, and **Meenakshi Sood**, "Reliability of the Mobile Phone Usability", *National Conference on Quality, Reliability & Maintainability Aspects in Engineering Systems*, at NIT Hamirpur, pp 149-152, 2007.
- **Gargi Khanna**, and **Meenakshi Sood**, "Metamaterials: Periodic Structure Redefining Permeability and Permittivity" *National Conference on Recent advances in Innovative Materials* at NIT Hamirpur, 2008.
- **Gargi Khanna, Rajeevan Chandel**, and **Ashwani Chandel**, "Non-Ideal Effects and VLSI Global Interconnect Reliability", *National Conference on Quality, Reliability & Maintainability Aspects in Engineering Systems*, NIT Hamirpur HP, pp. 153-157, Dec 27-28, 2007.
- **Gargi Khanna, Rajeevan Chandel**, and **Ashwani Kumar** "Solution to Copper Interconnect Problems: Carbon Nanotubes", *National Conference on Recent advances in Innovative Materials*, at NIT Hamirpur, 2008.
- Harpreet Kaur, Amandeep Singh, and **Pardeep Singh**, "Comparison of Variants of BLAST", *International Conference on Bioinformatics 'The 2008 IAEN'* , pp 190-194, Hong Kong,19-21 March,2008.
- **I.K. Bhat, Dr. Ashwani Chandel, Dr. Rajeevan Chandel**, and **OP Rahi**, "Applications of smart materials and devices- An Overview", *National Conference on Recent Advances in Innovative Materials, RAIM-2008*, NIT Hamirpur, 2008.
- **J. N. Sharma**, Vishal Walia and P.K. Sharma, "Effect of rotation on Lamb waves in piezothermoelastic closed circuit plate", *11th Punjab Science Congress*, Thapar University, Patiala, February 7-9, 2008.
- **J.N. Sharma**, Ruchika Sharma and Vishal Walia, "Propagation of Rayleigh waves in a thermoelastic solid in contact with viscous fluid", *19th National & 8th ISHMT-ASME Heat and Mass Transfer Conference*, JNTU Hyderabad, January 3 - 5, 2008.
- Jashan Deep Singh, **Yog Raj Sood**, Piush Verma, and **R. K. Jarial**, "Detection of Mechanical faults within power transformer", *National Conference on current trends in Electrical Engineering (CTEE-08)*, Giani Zail Singh College of Engg. & Technology, Bathinda, 14 February, 2008.
- Jashan Deep Singh, **Yog Raj Sood**, Piush Verma, and R. K. Jarial, "Effect of moisture and temperature on dissipation factor and Resistivity of Transformer insulating oil", *11th Science Congress*, Thapar University, Patiala, 07-09, February, 2008 .
- **Lalit K. Awasthi** "Challenges in Checkpointing Ad hoc Networks", *International Conference on Information Processing (ICIP07)*, pp. 288-297, 2007.
- **O. P. Rahi**, "Condition Monitoring of Transformer Oil using DGA Technique", *International Conference on Power System (ICPS-07)*, CPRI Bangalore, December 14-16, 2007.
- P. K. Sharma, **K. K. Sharma**, V. Walia and A. Kumar, "Forced vibrations of solid thick plate of thermoviscoelastic material", *National. Conference on Recent Advances in Innovative Materials (RAIM-08)*, pp 297-300, NIT-Hamirpur, 2008.

- P.K. Sharma, Vishal Walia and **J. N. Sharma**, “Rotation sensitivity of Lamb waves in piezothermoelastic rotating plate with open circuit surfaces”, *52nd congress of Indian Society of Theoretical and Applied Mechanics ISTAM*, BNM Institute of Technology of Bangalore, December 14- 17, 2007.
- P.K. Sharma, Vishal Walia and **J.N.Sharma**, “Free Vibration in a cylindrical Penal of Heat Conducting Viscoelastic Materials”, *National Conference on Recent Advances in Innovative Materials (RAIM-08)*, NIT, Hamirpur, February 16-17,2008.
- **Pamita Awasthi**, Shilpa Dogra, and R. K. Mahajan, “Synthesis and Structural Studies of N-(2-oxo-3-oxa-4(phenyyl)-butanyl benzenesulphonamide and related compound as Potential Juvenile Hormone Analogues" *National. Conference on Recent Advances in Innovative Materials (RAIM-08)*, pp 170-175, NIT-Hamirpur (HP), 2008.
- **Piar Chand** and Shashi Poonam, "A study of decline sex ratio in Himachal Pradesh: A case study", *National Seminar: Challanges to Indian Society and Solutions for development*, Department of Sociology, Kumaun University, Nainital-263002, Uttarakhand (India), 10-11 March, 2008.
- **Piar Chand, Yogesh Gupta**, Sanjeev Kumar Choudhary and Shashi Punam, "Social Exclusion of Dalits Children in Education: A Historical Perspective and the Role of Government" *National Seminar on development experience of dalits in India: The unresolved issues in democracy, equality and freedom*, Department of Sociology, Himachal Pradesh University, Shimla, 28-29 March,2008.
- Prashant Verma, **Varun** and Singal SK, “Review on mathematical modeling of latent thermal energy storage system using phase change materials”, *Renewable and Sustainable Energy Review,s* 12, pp. 999-1031, 2008.
- **Rajeevan Chandel**, and **Dr. Ashwani Chandel**, “MEMS-Microactuators and Reliability Issues”, *National Conference on Quality, Reliability & Maintainability Aspects in Engineering Systems*, pp. 158-161, Dec 27-28, NIT Hamirpur HP, 2007.
- **Rajesh Roshan Dasha**, Chandrajit Balomajumder and Arvind Kumara "Bio-Removal of Cyanide Compounds from Contaminated Water by Simultaneous Adsorption Biodegradation (SAB)" *8th Specialised Conference on SWWS/ 2nd Specialised Conference on DWWIN*, February 6-9, 2008.
- Randhir Singh and **Yog Raj Sood**, “Importance of Renewable Energy Sources in Indian Power Sector”, *National Conference on Advances in Power Systems and Energy Management*, Chitkara Institute of Engineering and Technology, Village Jansla, Rajpura, Patiala, 1st-2nd March 2008.
- Ravi M. Warkhedkar, and **Amba D. Bhatt**, “Development of CAD in four decades: The State-of-the-Art”, *International Conference on Frontiers in Design and Manufacturing Engineering (ICDM 08)*, pp 72-77, Coimbatore, India, February 1-2, 2008.
- **S. K. Jain**, and Rekha Bhatia "Different Aspects of Semantic Web Mining", *International Conference on Data Management, ICDM 2008*, IMT Ghaziabad, Feb 25-26, 2008.
- **S. K. Jain**, andB. D. Chaudhary, "A Proposal for Designing a Tool to Record Discussion Made among Team Members during Design of Databases of Applications" *International Conference on Data Management, ICDM 2008*, IMT Ghaziabad, Feb 25-26 2008.
- **S. K. Pradhan**, D.R.Parhi, **Amar Patnaik**, and R.K.Behera, “Navigation of Mobile Robots”, *National Conference on QRMAES-2007*, Page no.: 316-325, NIT, Hamirpur, 2007.
- **S. K. S. Parashar**, Kajal Parashar, R. N. P. Choudhary, and B.S. Murty, “Limiting Behaviour of AC Conductivity in Nanoferroelectrics”, *National. Conference on Recent Advances in Innovative Materials (RAIM-08)*, pp 110-113 (2008), NIT-Hamirpur (HP),
- **S.S. Katoch**, and **I.K. Bhat**, “Clean Energy Technology Approaches of Mitigating Greenhouse Gases”, *Indo-Italian Conference on Green and Clean Environment (GCE 2008)*, MAEER'S MIT College of Engineering, Pune, March 20-21, 2008.
- V. Sharma, and **R. Naresh**, “A Performance Study of Fiber Composites” *National Conference National Conference on Recent Advances in Innovative Materials (RAIM-2008)*, NIT, Hamirpur, February 16-17, 2008
- V. Sharma, and **R. Naresh**, “An Application of Generalized Regression Neural Network to Transformer Diagnostics” *National Conference National Conference On Current Trends in Electrical Engineering CTEE – 08*, Giani Zail Singh College of Engineering and Technology, Bathinda, February 14, 2008
- **Vijay Shankar, Pardeep Kumar**, and **R.L. Sharma**, “Role of Lift Irrigation Schemes in Sustaining Agriculture in Hilly Regions”, *National Seminar on Integrated Water Management and Sustainable Water Pricing (IWMSWP-2008)*, Department of Civil Engineering, Rajasthan Technical University, KOTA, February 8th-9th, 2008.
- **Vijay Shankar, Pardeep Kumar, S.S. Katoch**, “Hydrogeological Investigations in Southern Part of Kangra Valley to Ascertain Drinking Water Quality”, *National Seminar on Integrated Water Management and Sustainable Water Pricing (IWMSWP-2008)*, Department of Civil Engineering, Rajasthan Technical University, KOTA, February 8th-9th, 2008.
- **Yog Raj Sood**, S.Thulasi Naik, “Deregulation in China- An Overview” *National Conference on current trends in Electrical Engineering (CTEE-08)*, Giani Zail Singh College of Engineering & Technology, Bathinda, 14th February, 2008.

Recognition and Awards

- **Dr. Narottam Chand** selected for inclusion in 10th Anniversary Edition of Marquis Who's Who in Science and Engineering (08-09).
- **Dr. Narottam Chand** appointed as a member of Recruitment & Assessment Board, DRDO.
- **Dr. Narottam Chand** nominated as a member of Technical Committee, CCB 2008 and one of the Associate Editors of Research Journal of NIT Hamirpur.
- **Dr. Pradeep Kumar** received Best faculty award in Civil Engineering, NIT Hamirpur for the year 2006-07.
- **Dr. Rajeevan Chandel** received Best faculty award in Electronics & Communication Engineering, NIT Hamirpur for the year 2006-07.
- **Prof Lalit K. Awasthi** nominated as one of the Chief Editors of Research Journal of NIT Hamirpur.
- **Prof Lalit K. Awasthi** received Best faculty award in Computer Science and Engineering, NIT Hamirpur for the year 2006-07.
- **Prof Lalit K. Awasthi** evaluated Ph. D. Thesis for PTU on "Some aspects of Performance measures in parallel processing" Jan. 2008.
- **Prof Meenakshi Jain** received Best faculty award in Architecture, NIT Hamirpur for the year 2006-07.
- **Prof Rakesh Sehgal** received Best faculty award in Mechanical Engineering, NIT Hamirpur for the year 2006-07.
- **Prof Ram Naresh Sharma** received Best faculty award in Electrical Engineering, NIT Hamirpur for the year 2006-07.
- **Rajesh Sharma**, Faculty in the Mechanical Engineering Department received Ph. D. Degree from Indian Institute of Technology, Delhi on "Studies of the Hydrodynamic Bearings with Surface Profiling and Entrained Solid Particulate".
- **Saroj Kumar Pradhan** is on editorial board of International Journal of Applied Artificial Intelligence in Engineering System.
- **Saroj Kumar Pradhan** received Sandeep Mohapatra Memorial Award from The Institute of Engineers (India) in January 2008.
- **Saroj Kumar Pradhan**, Faculty in the Mechanical Engineering Department received Ph. D. Degree from National Institute of Technology, Rourkela on "Navigation Techniques for Control of Multiple Mobile Robots".
- **Surjit Singh Katoch**, Faculty in the Civil Engineering Department received Ph.D. degree from Thapar University, Patiala on "Investigations on Common Treatment Technologies for Some Biomedical Wastes"
- Vishal Walia has completed his Ph.D. on the topic entitled as "Some Problems in Wave Propagation in Generalized Piezo-Thermoelastic Materials" from Himachal Pradesh University, Shimla – 2008 under the supervision of **J. N. Sharma**
- **Y. R. Sood** chaired a technical session during 1st -2nd March 2008 at Chitkara Institute of Engineering and Technology, Village Jansla, Tehsil Rajpura, Distt. Patiala.

Sponsored Research and Consultancy Projects Programmes

- Area Development of right bank of river Satluj DT – outlet to Maitri Setu at Koldam Hydro Project for NTPC Koldam at Jamtal, Barmana. Project Incharge : **Minakshi Jain, I.P. Singh & Sarita Sood**.
- Consultancy for Interiors and Accoustics of Multi – Purpose Hall of Community Centre at Jamthal Township of Koldam Hydro Project Distt – BARMANA. Project Incharge : **Minakshi Jain, I.P. Singh & Sarita Sood**.
- R & D project entitled "Nonlinear stability analysis in fluids" funded by CSIR [No. 25(0165)/08/EMR-II dated 17-01-2008], New Delhi has been sanctioned to **Dr. Sunil**, Department of Applied Sciences, NIT Hamirpur.

Placements: 07-08

Placement till 31st March 2008

B. Tech.

S.No.	Discipline	Total students in final year	Total students placed through Placement Cell	Percentage of placement
1.	Elect.& Comm.Engg.	47	46	97.87
2.	Comp.Sc. & Engg.	31	28	90.32
3.	Electrical Engg.	39	36+11*	92.31
4.	Mechanical Engg.	45	41+7*	91.11
5.	Civil Engg.	29	28+9*	96.55
6.	B.Arch.	22	01	4.55
Total		213	180	84.51

* Selected under dream job (Second placement)

M. Tech.

S.No.	Discipline	Total students in final year	Total students placed through Placement Cell	Percentage of placement
1.	Mechanical Engg.	08	02	25
2.	Electrical Engg.	09	04	44.44
3.	E&CE (VLSI Design)	17	12	70.59
Total		34	18	52.94

Campus Close-up

- For the year 2008, 14 International and 68 National Journals in print form subscribed besides on line journals are available through INDEST.
- During January - March 08, 2450 books amounting to Rs 26,58,863.00 are added in the library.
- Construction of one additional floor is going on in Mechanical, Civil, Computer and Electrical Engineering Departments.
- Construction of Lectures Hall Complex started near Vivekanand block.
- Extension work of central library complex is in full swing.
- Construction of new buildings of Architecture department, residential blocks and boys hostel are in full swing.
- New computer centre complex is near completion.
- Several equipments with latest technology for various departments were procured from TEQIP / MHRD fund.
- From the World Book Fair held at New Delhi on 2nd and 3rd, February, 2008, books amounting Rs 8 lakhs were ordered.

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. After opening of Delhi and USA chapters the enthusiastic alumni of Hamirpur and near by areas took a lead under the guidance of President Alumni Association to open Hamirpur Chapter. The first inaugural meeting to formally start the Hamirpur Chapter took place on 15th March 2008 at Hotel Heera Height Hamirpur and attended by Prof. Anoop Kumar (Ex-Dean, Student Alumni affair), Dr. Pradeep Kumar (President Alumni Association), Sh. Chander Prakash Coordinator Alumni Affairs with large number of Alumni.



Forthcoming Programmes

- STC on Safe Use & Maintenance of Electronics & Electrical Gadgets to be held under UPA Project, E&CED, NIT Hamirpur HP from 7-11 April 2008. Coordinators: Dr. Rajeevan Chandel & Sh SK Soni.
- STC on Mechatronics, Coordinators: Dr. S.K.Pradhan, Dr. Rajesh Sharma and Sh. Amar Patnaik
- STC on Condition Monitoring of Machines Coordinators: Dr. Rajesh Sharma, Sh. Amar Patnaik and Dr. S.K.Pradhan
- STC on AUTOCAD, Coordinators: Sh. Amar Patnaik, Dr. S.K.Pradhan and, Dr. Rajesh Sharma
- National Conference on Mechanism Science and Technology from Theory and Application, Coordinators: Dr. S.K.Pradhan, Sh. Amar Patnaik and Dr. Rajesh Sharma NIT, Hamirpur, 13th to 14th November, 2008
- National Conference on Advance in Product Design & Development, Coordinators: Prof. A.D. Bhatt and Sh. Sidharth.
- National confrenece on "Infrastructure Developments in Civil Engineering" IDCE-2008, in Department of Civil Engineering on May 16-17, 2008. Chairman : Prof. Raman Parti, Co-chairman: Dr. R.K.Dutta, Organising Secretary: Dr. Pardeep Kumar, Joint Organising Secretaries: Dr. Vijay Shanker Dogra and Dr. Surjit Singh Katoch.
- STC on creative teaching of structural analysis, Coordinators: Dr. Pardeep Kumar, Dr. Vijay Shanker Dogra
- STC on Earthquake risk management, Coordinators: Dr. Pardeep Kumar, Dr. Vijay Shanker Dogra
- STC on Urban water management, Coordinators: Dr. Pardeep Kumar, Dr. Vijay Shanker Dogra,

Editor's Pen

We thank all the Deans, Heads, Coordinators, Faculty, Non-teaching staffs and students who have been associated with the Institute NEWSLETTER in past and all those who are associated with it in present for their efforts in bringing out the Newsletter in the best possible manner.

Good wishes to all NITHians past, present and regards to all readers,

Editorial Board

Editorial Board

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Dr. Rajesh Sharma

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