

National Institute of Technology Hamirpur-177005(H.P) Newsletter



VOL.4 No.2 pp 1-8

August, 2009



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.

CONTENTS

1. From the Director's desk
2. Conferences Conducted
3. STTP Conducted
4. Workshops Conducted
5. Faculty Development
6. Research Publications
Journals, Conferences
7. Courses, Seminars, Workshops
and Training Programmes
Attended
8. New Departments/Centres of
Excellence
9. New Programs/PG courses
Started
10. Expert Lectures Organized
11. Expert Lectures/Keynote
talks Delivered
12. Rewards and Recognition
13. Campus Highlights
14. Student Activities
15. Recruitments/Promotions
16. Forthcoming programs
17. From Chief Editor's Desk

From the Director's Desk



Dear Readers,

It gives me immense pleasure to know that next issue of the newsletter of NIT Hamirpur is coming shortly. It is an opportunity to look back and see the steps taken on a bigger voyage to achieve our dreams. It is also an opportunity to share our success stories with all other stakeholders and well wishers. This period of over 4 months has been quite busy and rewarding as well. In our effort of capacity building there is a requirement of building huge infrastructure, be it classrooms, laboratories, hostels etc several measures have been taken. A modern lecture hall complex has been constructed and is in use despite still being under construction. Similarly, new Hostel with a capacity of 450 students is likely to be ready in a few months from now. Several initiatives have been taken towards improving employability of our students and several programmes have been organized, which has resulted in improved skills and competency among them. I request all faculty to use NPTEL teaching material which is of very good quality.

Our faculty has been also busy in organizing various short term courses and training programmes which has resulted in up gradation of faculty of other institutions in the country. This process of training the trainers is going to bring systematic improvement in the years to come. Such initiatives help in creating domain knowledge and follow best practices. During this period the Institute has witnessed the creation of 04 academic departments i.e. Mathematics, Physics, Chemistry, and Management & Social Sciences. Besides this, Two Centers of Excellence i.e. Centre of Energy and Environment and Centre of Material Science and Engineering have been created. These departments are going to make a marked contribution in very near future. Many faculty members have joined in the departments and centers and I welcome them all and expect that they meet the challenges and contribute effectively in the development of institute and brand building of Institution.

Let me thank student volunteers associated with PRAYAS. It is because of their efforts one unprivileged boy qualified AIEEE-09 and is presently studying at NIT Bhopal. I wish them all the best in their endeavours of helping those who could not have afforded it.

This institution is taking initiatives to have collaboration with some of American and European Universities for providing international exposure to faculty members and students. Such initiatives are expected to promote universal and equitable access to education and develop student's intellectual capabilities, gain confidence and hone up skills to become *life long learner* and an innovator in the competitive global market. Such initiatives are expected to make NIT –Hamirpur the preferred choice of destination from all across the globe.

I thank Dr. Rajiv Kumar Sharma, Coordinator Newsletter and his team for their untiring effort for bringing this issue of Newsletter in our hands

Jai Hind

Prof. I. K. Bhat
DIRECTOR

**NIT Hamirpur achieved 18th
Rank in Top 50 Engineering
Institutions in the Country**

[Source: CSR-GHRDC Engineering
College Survey]

Contact Details

National Institute of Technology Hamirpur
Hamirpur – 177 005 (H.P.)

Phone: 01972-254001, Fax: 01972-223834, Email: rksfme@nitham.ac.in
Web Site: <http://www.nitham.ac.in>

Conferences Conducted



Lamp lighting ceremony during RACMP-2009

Two day National Conference on “Recent Advances in Condensed Matter Physics (RACMP-09) “ was organized by Department of Applied Sciences and Humanities, N I T Hamirpur (HP) during May 23-24, 2009. The chief guest, Professor K K Raina, School of Physics and Materials Science, TIET Patiala emphasized on the need of collaborative research among different disciplines. In the inaugural lecture NIT Director, Professor I.K. Bhat advised the participating research scholars and faculties to work sincerely and honestly to do the quality research in laboratories to deliver useful output to the community and peoples of the country. Professor S. C. Kashyap, Department of Physics, IIT Delhi, Professor Shyam Kumar, Department of Physics Kurukshetra University, Dr. Gurmel Singh, Professor, Department of Physics, Punjabi University, Patiala, Dr. O. P. Pandey and Dr. Kulveer Singh, School of Physics and Materials Science, TIET Patiala, Dr. S. K. Tripathi, Department of Physics, P.U. Chandigarh, and Dr. S.K.S. Parashar, KIST Bhubneshwar, were present in the conference. Coordinators, Dr. Subhash Chand and Dr. Arvind Kumar.

Short Term Courses Conducted



Inauguration of STC sponsored program under AICTE/MHRD on Mobile Computing (MC-09)

Department of Computer Science and Engineering , NIT Hamirpur Organized AICTE/MHRD sponsored Faculty Development Programme of one week on Mobile Computing (MC-09) from 22/06/2009 to 26/06/2009. Expert talks were delivered on various aspects of Mobile Computing and its applications in various areas. About 27 participants from various engineering institutes across the country participated in the course. Coordinators. Prof Lalit K Awasthi, Er Siddarth Chauhan, and Er Naveen Chauhan.

Deptt of E&CE, NIT Hamirpur organized AICTE/ MHRD sponsored Summer School on VLSI Design & Optimization Techniques (VDOT-09) from 6-10 July, 2009. The main purpose to conduct this course was to make the faculty of various technical Institutes aware about the recent trends and design techniques in very large scale integration (VLSI). Participants were exposed to TANNER Tools, Or CAD and Soft MEMS. Participants were demonstrated and given hands-on-training in using SPICE. 41 participants from UP, Noida, Kanpur, Haryana, Punjab and HP benefited from the course. Coordinators. Dr. Rajeevan Chandel, Dr. Ashwani Kumar Chandel and Er. Gargi Khanna.

Department of Electronics & Communication Engineering
National Institute of Technology Hamirpur H.P
 MHRD/AICTE Summer School on VLSI Design & Optimization Techniques (VDOT '09)
 (July 6-10-2009)



Hon'ble Director with participants of STC on VDOT'09

An AICTE/MHRD sponsored Short term course of one week titled “Advanced Signal Processing with Applications in MATLAB” was organized by Electrical Engineering Department NIT Hamirpur from 13th July-17th July 2009. The course was inaugurated by Prof I K Bhatt, Director NIT, Hamirpur. About 33 participants from different organizations participated in the course. Faculty from NIT Hamirpur delivered expert lectures on various aspects of Advanced Signal processing, and its applications in various areas. Course Coordinators Dr. Ravinder Nath, Er. Himesh Handa and Er. Amit Kaul.



Proceedings of AICTE/MHRD sponsored summer School EDAT-09 being released

2nd AICTE/ MHRD Summer School on Engineering Applications of EDA Tools using Verilog & SPICE (EDAT-09) from 13-17 July, 2009 was conducted by E&CE Dept.. Prof. IK Bhat was the Chief Guest and a Resource person of the summer school. About 30 participants participated in the course. The main contents covered include ASIC & FPGA Design Flows, Verilog–Hardware Description Language, SPICE Fundamentals and Simulation, Engineering Applications of SPICE. EDA Tools viz. ModelSim, Xilinx, Tanner and Or CAD were demonstrated. Coordinators Dr. Rajeevan Chandel, Er. Gagnesh Kumar and Er. Philemon Daniel

3rd Summer School cum Training program on “EDA Tools-Verilog & SPICE (ETVS-09)” was organized by E&CE Dept. from 20-24 July 2009, for students, staff, faculty of NIT Hamirpur and a few students from other technical institutes, under SMDP-II project. Students were demonstrated and trained in ModelSim, Xilinx, Tanner and Mentor Graphics EDA Tools through practical hands-on-sessions and expert lectures. 28 students and faculty benefited from the summer school.

Workshops Conducted / Faculty Development



Lighting of Lamp at inauguration workshop on "Planning and Management of Digital Libraries"

The central library organized a two days workshop on "Planning and Management of Digital Libraries" on 24-25 April, 2009. In the workshop there were deliberations on various issues related with management and planning of resources, e-learning, e-journals, increasing readership and other vital issues related with digitization of libraries. Professor R.L. Sharma, Director, NIT, Hamirpur inaugurated the workshop. About 35 participants from Himachal Pradesh, Punjab and Chandigarh attended the workshop. Valedictory address was given by Dr. A.S. Singha Registrar & Dean (P&D) of the Institute. In his address he stressed upon proper management of library resources, and importance of digitizations of libraries. Coordinator Sh D.S. Jaswal, Prof A.D Bhat.

The Department of Applied Sciences & Humanities, NIT, Hamirpur and Plasma Science Society of India (PSSI) organized a “National Workshop on Plasma Surface-Interactions and Processing (NWPSIP-09)” at NIT, Hamirpur during May 25-27, 2009. During this workshop eminent scientists and distinguished academicians like Dr. A K Das from BARC, Dr. S Mukherjee, Prof. A K Ganguly, IIT, Delhi and faculty from Institute for Plasma Research – Gandhinagar (Gujrat) visited the Institute to deliver expert talks on plasma related issues. Conveners: Dr. Kuldeep Sharma, Dr. Rajesh Sharma.

The USAID in association with NIT Hamirpur has organized ECO III's workshop on Educational Curriculum Enhancement Programme (Building Energy Simulation software installation and Awareness Workshop) on 31st August, 09 at Seminar Hall of Auditorium Block, NIT, Hamirpur. Coordinators Prof Meenakshi Jain.

Faculty Development

A two day Orientation Workshop for newly joined faculty of NIT Hamirpur during 25th and 26th July, 2009 was organized. Coordinators Prof Lalit Awasthi, Prof. Ravi Kumar Sharma and Prof. Vinod Kapoor



Inauguration of workshop on Plasma Surface-Interactions and Processing (NWPSIP-09)

Research Publications

JOURNALS

- **A.S. Singha** and Thakur Vijay K “Physical, Chemical and Mechanical Properties of Hibiscus Sabdariffa Fiber/ Polymer Composites” International Journal of polymeric material, 58(4), 217-228,(2009).
- **A.S. Singha** and Thakur Vijay K “Morphological, Thermal and Physico- Chemical Characterizations of Surface Modified Pinus Fibers” International Journal of Polymer Analysis and Characterization Vol. 14 (3), 271-289, 2009
- Venkatappa Rao, G., Balan, K and **Dutta, R. K.** (2009), "Characterisation of Natural Geotextiles", International Journal of Geotechnical Engineering, Vol. 3, No. 2, pp. 261-270.
- Ankur Gupta, **Lalit Kumar Awasthi** “Security Issues in Cross-Organizational Peer-to-Peer Applications and Some Solutions”, Communications in Computer and Information Science, CCIS 40, pp. 422–433, Aug. 2009 (Springer-Verlag).
- **R.K.Sharma** and R.K.Pandey, 2009, “Experimental studies of pressure distributions in finite slider bearing with single continuous surface profiles on the pads,” Volume 42, Issue 7, July 2009, Pages 1040-1045.
- **Amar Patnaik**, Alok Satapathy, Sandhyarani Biswas, (2009), Effect of Different Filler Materials on the Abrasive Wear Behavior of Glass Fiber Reinforced Polymer Matrix Composites, Materials Science: An Indian Journal, vol.5(3), pp.175-183.
- Sandhyarani Biswas, Subhrajit Ray, Alok Satapathy, **Amar Patnaik**, (2009), Erosion wear behavior of TiO₂ filled glass fiber reinforced epoxy composites, Materials Science: An Indian Journal vol.5(3), pp. 258-266.
- **Amar Patnaik**, Md Abdulla, Alok Satapathy and Sandhyarani Biswas, (2009), A Study on Possible Correlation between Thermal Conductivity and Wear Resistance of Particulate Filled Polymer Composites, Materials and Design (In Press)
- Nandan Dadkar, Bharat S. Tomar, Bhabani K. Satapathy, **Amar Patnaik**, (2009), Performance assessment of hybrid composite friction materials based on flyash-rock fibre combination, Materials and Design (In Press)
- **Amar Patnaik**, Alok S, Navin C, N.M. Barkoula and Sandhyarani B, (2009), Solid particle erosion wear characteristics of fiber and particulate filled polymer composites: a review, Wear, 10.1016/j.wear.2009.07.021.
- **J.N Sharma**, Grover, Body wave propagation in rotating thermo elastic media, Mechanics Research Communications Elsevier Sc Vol 36,pp 715-721, 2009.
- **Kamlesh Dutta**, Nupur P, Saroj K, “Application of Pronominal Divergence and Anaphora Resolution in English-Hindi Machine Translation”, Research journal "POLIBITS" Comp Sc and Comp Engg Applications, Issue 39 pp. 55-58.

CONFERENCES

- **P.K.Sood** , Rakesh Sehgal , D.K Dwivedi “Study On Chip Formation Mechanism In Machining (Al-Si -1.2 Fe) Hyper Eutectic Aluminum Alloy” , National Conference On Design issues in automotive and allied Industries , July 2009
- **Veena Sharma** and **R.N. Sharma**, “ Grounding Grid Design for Substation” International conference on Emerging & Futuristic System and Technology , organized by Laxmi Devi Institute of Engineering & Technology, Alwar, 09-11,2009.
- **Meenakshi Sood** , **Gargi Khanna**, “Microstrip antenna design using artificial neural networks “ at IEEE International Conference on Innovative Technologies (ICIT-09): p-109 on June 18-19, 2009 Bahadurgarh Haryana.
- **Amar Patnaik**, Alok Satapathy, Investigations on Three-body abrasive wear and mechanical properties of particulate filled glass Epoxy composites, National Symposium for Materials Research Scholars, MR-09, Workshop on Advanced Characterization Techniques, IIT,Mumbai, May 7th-9th, 2009.
- **Amar Patnaik**, Alok S & Sandhyarani Biswas, Effect of particulate fillers on erosion wear of glass polyester composites: A comparative study using optimization technique, 4th Asian Particle Technology Symposium (APT), Delhi, Sept 14-16, 2009.
- Sandhyarani Biswas, Alok Satapathy, **Amar Patnaik**, Solid particle erosion characteristics of sic filled glass fiber reinforced epoxy based hybrid composites, 4th Asian Particle Technology Symposium (APT), Delhi, Sept 14-16, 2009.
- **Pamita Awasthi**, Shilpa Dogra, Lalit K. Awasthi and Ritu Barthwal “Interactions of mitoxantrone and its analogues with DNA tetramer sequences- A Molecular Modeling Study” International Conference on Bioinformatics and Computational Biology (BIOCOMP-09)LV,Naveda,USA13-16,July2009.
- Judhistir M, **Nitin Gupta** ,Rakesh Sambyal, "Energy Efficient Base Station- Assisted Cluster Based Approach to routing in wireless sensor networks using Directional Antenna" ICEMC 2009 Fourth Innovative International Conference on Embedded systems, mobile communication and computing, Bangalore, July 27 – 29, 2009, pg 14-19.
- Ankur Gupta, **Lalit Kumar Awasthi** “PStore: A Scalable Peer-to-Peer Based Data Storage Framework”, Proceedings of the International Conference on Storage Technologies, pp. 1- 9, Dec. 2008, Bangalore, India.
- Ankur Gupta, **Lalit Kumar Awasthi** “NeighborTrust: A Trust-Based Scheme for Countering Distributed Denial-of-Service Attacks in P2P Networks”, IEEE International Conference on Networks, pp. 1-6, Dec. 2008, IIT Roorkee.
- Ankur Gupta, **Lalit Kumar Awasthi** “Peer Enterprises: Enabling Advanced Computing and Collaboration Across Organizations”, Proceedings of the IEEE International Conference on Advanced Computing, pp. 3543-3548, March, 2009, Thapar University, Patiala, India.
- Sunil Gupta and **Narottam Chand**, “Enhancing Security Against Malicious Attack in WSN”, IEEE International Conference on Information Technology (ICIT), pp. 28-33, April 2009.

- Yogesh Kumar, **Naveen Chauhan** and Mrityunjay Singh, "Location Management in Cellular Networks: A Comparative Study", National Conf on Modern Management Practices and Information Technology Trends pp. 408-417, April, 2009.

Courses, Seminars, Workshops and Training Programmes Attended

- Dr Sushil Chauhan attended a short term course on 'Modern Electric Energy Systems' at Mysore during 6-10 July,09. The course was organized by 'Indo US Collaboration for Engineering Education (IUCEE-09)'. Prof S S Venkata, Professor, University of Washington delivered expert lectures during the course.
- Dr. Rajiv Kumar Sharma and Dr Kuldeep Kumar Sharma attended STC on "Orientation Program for Technical Teachers" from 29/06/2009 to 03/07/2009 at NIT Hamirpur.
- Dr. Umesh Kumar Pandey attended a workshop on "National Capacity Building on National Earthquake Risk Mitigation Project" at New Delhi on 20th May 2009. Attended a workshop on "IS 800:2007, Indian Standard General Construction in Steel- Code of Practice (Third Revision)" organized at New Delhi between 22nd to 23rd April 2009.
- Sh.D.S.Jaswal, Librarian, attended the "National Seminar on Information Access Initiatives and rural India" at GNDU Amritsar held on 25-26 June, 2009.
- Sh. D.S.Jaswal Librarian and Dinesh Kumar Library Assistant attended the libsys connect-2009 held on 17.7.09 at Chandigarh
- Yogesh Gupta attended short term course entitled, "Research Methodology & Quantitative Techniques with Software Applications" w.e.f. 08-06-2009 to 12-06-2009, org by Humanities & Social Sciences Deptt, IIT, Roorkee-247667
- Dr. Rajesh Sharma attended course on "Strength of Material Course at Infosys Mysore" on 30-07-09 from IUCEE
- Dr. Rajesh Sharma attended Summer School on Tribology at IIPM Gurgaon w.e.f. 10-13 June 09
- Dr R. N. Sharma attended a Short Term Course titled "Teaching with MATLAB and Simulink" organized on June 22-26, 2009 under "Indo US Collaboration for Engineering Education (IUCEE)" at Infosys Centre Mysore
- Dr Veena Sharma attended a short-term course on "Advance Signal processing with Applications on MATLAB (ASPAM)" w.e. f. July 13-17, 2009 organized by EED at NIT Hamirpur.
- Dr R.K Jarial attended a Curriculum development Workshop on "Power Electronics Education" sponsored by National Mission on Power Electronics Technology (NAMPET) Organised by SVNIT, Surat w.e.f. 7-8 May, 2009.
- Sh Surender Soni attended group study exchange programme in Kentucky USA sponsored by Rotary Organization w.e.f. April 18, 2009 to June 4, 2009.
- Dr. Pamita Awasthi, attended International Conference on Bioinformatics and Computational Biology (BIOCOMP-09) at LV, Naveda, USA 13-16 July 2009
- Dr. RK Jarial, Er. MR Bharti, Er. Gagnesh, Er. Vinod Sharma, Er. P. Daniel and Er. Rakesh Kumar attended Summer School VDOT-09, organized by E&CED NIT Hamirpur HP 6-10 July 2009.
- Dr. Ashwani K. Chandel, Dr. RK Jarial, Er. Gargi Khanna, Er. Krishan Kumar and Er. Rakesh Kumar attended Summer School EDAT-09, organized by E&CED NIT Hamirpur HP, 13-17 July 2009.
- Sh. Siddhartha Chauhan, Sh Naveen Chauhan, Sh Rajeev Kumar and Smt Kamlesh Datta attended STTP on "Advanced Signal Processing with Applications in Matlab" July 13-17, 2009, organized by Electrical Engineering Department, NIT, Hamirpur.
- Sh Rajeev Kumar and Sh Pradeep Singh attended STTP on "Mobile Computing" during June 22-26, 2009, Organized by Comp Sc Department, NIT, Hamirpur.
- Dr Mrs Kamlesh Datta has attended National Conference on "Methodology for Implementation of National Programme on Technology Enhanced Learning in the Universities" held on 31st August, 2009 at New Delhi
- Prof J.N Sharma and V. Walia attended 8th Int. Conf. on Thermal stresses held at Univ of Illinois at Urbana Champaign USA from 31, May-4, June 2009 and presented paper on reflection of thermo elastic waves from stresses free electrode boundary of a half space.

New Departments / Centres of Excellence

- 04 New Academic Departments i.e. Department of Mathematics, Department of Physics, Department of Chemistry, and Department of Management & Social Sciences have started functioning independently.
- Two Centres of Excellence i.e. Centre of Energy and Environment and Centre of Material Science and Engineering have started functioning from current Academic Session.

New Programs /PG Courses Started

- Two Year Master of Business Administration - MBA program has been started w.e.f this academic session by the Department of Management & Social Sciences.
- M.Tech Program in Communication Systems and Networks in Electronics and Communication Engineering Department.
- M.Tech Program in Condition Monitoring, Protection and Control of Electrical Apparatus in Electrical Engineering Department

Expert Lectures Organized by TIFAC-CORE and Industry-Institute Interaction Cell

- Mr William (Bill) Fernihough, Consultant with DOBLE USA delivered series of expert lectures on “Condition Assessment of Power Apparatus with Insulation Analyzer” on 19-06-2009
- Prof Joy Thomas , IISc Bangalore delivered lecture titled “Research Activities in High Voltage Engineering” on 09-08-2009
- Prof S. R. Kannan, Vice President (Retd) Crompton Greaves delivered a series of lectures titled “Role of Technologists in a Resurgent India” and “Insulation Systems of Power Apparatus: An Overview” on 9th and 10th of August, 2009.
- Mr Satish Dubey, Head of Process Excellence Group for Govt. ISU, Tata Consultancy Services, delivered an expert lecture to the B.Tech Final year students on “Quality Assurance, Management and Costing of Software” on 31st July, 09 under the aegis of Industry-Institute Interaction at NIT Hamirpur..
- Dr. Dheeraj Kumar Khatod, Alternate Hydro Energy Centre (AHEC), IIT Roorkee delivered expert lectures for faculty and M.Tech. students on i) Modeling and Simulation of Small Hydro Power Plants ii) Real Time Digital Simulator for SHP, on 23rd August, 2009 under Continuing Education at NIT Hamirpur..

Expert Lectures Delivered

- Prof. IK Bhat, delivered expert lectures on “Active Learning” in AICTE Sponsored Summer Schools VDOT-09 and EDAT-09, July 2009, E&CE Dept. NIT Hamirpur HP.
- Dr Sushil Chauhan delivered an expert lecture titled ‘ANN and Fuzzy Systems’ during a STC on ‘Advanced Signal Processing with Applications in MATLAB’ w.e.f 13-17 July, 09 organized by Electrical Engg. Department.
- Sh D.S. Jaswal, Librarian delivered a expert lecture "Library as Information source" on 7th July, 09 at Nalanda College of Education Hamirpur.
- Dr. Rajesh Kumar Sharma delivered lecture on “Purchase procedures” in Orientation Programme for Technical Teachers w.e.f. June 29 to 3 July 2009
- Dr.R. N. Sharma delivered a seminar on “Teaching with Matlab” to faculty and students of NIT Hamirpur on 06-07-2009.
- Dr.R. N. Sharma delivered an expert lecture on “Introduction to Matlab” in Short Term Course on “Signal Processing & Control” with Applications of MATLAB’ Organized by EED NITH on July 13-17, 2009.
- Sh Gagnesh delivered expert Lecture on “VHDL Basics” in EDAT 2009, STC Organized By ECED, NIT Hamirpur.
- Dr. Narottam Chand delivered expert talk on “Internet Technologies” in Orientation Programme for Technical Teachers, June 29-July 3, 2009. NIT Hamirpur.
- Dr. Rajeevan Chandel delivered expert lectures on “MOS Fundamentals, MOS Modelling, VLSI Design Techniques, Physical Design” and demonstrated EDA Tools in AICTE Summer School VDOT-09, 6-10 July 2009, E&CE Dept. NIT Hamirpur HP.
- Dr. Rajeevan Chandel delivered expert lectures on “Introduction to SPICE in VLSI, SPICE programming using OrCAD, Tanner, Circuit Simulation using SPICE, VLSI Design” and demonstrated EDA Tools in AICTE Summer School EDAT-09 and SMDP-II Summer School cum Training ETVS-09, July 2009, E&CE Dept. NIT Hamirpur HP.
- Dr. Kamlesh Dutta delivered an expert lecture on “Introduction to HDL” and “Introduction to Verilog” in AICTE Summer School EDAT-09, July 2009, E&CE Dept. NIT Hamirpur HP.
- Dr. Ashwani Kumar Chandel, delivered expert lectures on “MATLAB Programming, Design Optimization Techniques, NN Tools, in AICTE Summer Schools VDOT-09 and EDAT-09, July 2009, E&CE Dept. NIT Hamirpur HP.
- Er. Gargi Khanna delivered expert lectures on VLSI Interconnects, Low Power VLSI Design Techniques” in AICTE Summer Schools VDOT-09 and EDAT-09, July 2009, E&CE Dept. NIT Hamirpur HP.
- Er. Philemon Daniel delivered expert lectures on “VLSI Design Flow, HDL Fundamentals, Verilog Overview, HDL-Structural Design, RTL & Behavioral Design” in AICTE Summer School EDAT-09 and SMDP-II Summer School cum training ETVS-09, July 2009, E&CE Dept. NIT Hamirpur HP.
- Er. Himanshu delivered an expert lecture on “Mentor Graphics Tools” EDAT-09 and SMDP-II Summer School cum training ETVS-09, July 2009, E&CE Dept. NIT Hamirpur HP
- Dr. Narottam Chand, delivered expert talk on Wireless & Mobile Technologies in Summer School on Computer Programming, June 22-26, 2009.
- Sh. Siddhartha Chauhan delivered expert talk on OMNET++, Smt. Kamlesh Dutta on Agent Technologies, Sh. Naveen Chauhan on Network and Transport Layer Protocol for Wireless Communication in Summer School on Computer Programming, June 22-26, 2009.

Rewards and Recognitions

- The Deptt. of Architecture, NIT Hamirpur was adjudged as the second best Deptt. in a National competition and was awarded IAD awards 2008 (Excellence in Interior and Architectural design) in an award ceremony function held at Siri Fort Auditorium New Delhi on August 9th 2009. Mr. Harjot Singh and Mr. Satish Kumar attended the ceremony on behalf of the students of Deptt, of Architecture and received the 1st and 2nd IAD Award 2008 respectively in the residential category.
- Prof Lalit K Awasthi has Attended one day workshop with hon'ble HRD Minister and Directors of IITs and NITs on "Futuristic Vision for IITs on the eve of new generation IITs" on 1st July 2009 at IIT Delhi.
- Dr.Hemant Kumar Vinayak, Lecturer in Civil engineering Department, received INAE fellowship under the scheme "Mentoring of Engineering Teachers by INAE Fellows" to work at IIT, Roorkee, Roorkee during summer 2009.
- Deptt, of Architecture has been selected as the nodal centre for imparting the knowledge about the Energy Conservation of Building Code (ECBC)-2007, by USAID & BEE (Bureau of Energy efficiency) Eco-III project, New Delhi. This is a pilot project of Ministry of Power, Govt. of India, New Delhi. Dr.Minakshi Jain, Professor has been selected as the Coordinator from the deptt of Architecture by the project Chief Dr.Satish Kumar, USAID, New Delhi.
- Prof Lalit K Awasthi has been nominated as Member adhoc BOS Committee CSE Deptt of UIET, Kurkushetra
- Dr. Rajeevan Chandel has been appointed Reviewer for IEEE TENCON-09 Int. Conference
- Ph.D Degree has been awarded to Mrs Kamlesh Dutta (Faculty, CSE deptt) in Information technology from IP University, New Delhi.
- Ph.D Degree has been awarded to Sh Umesh Kumar Pandey (Faculty, CED, NIT Hamirpur) from IIT Delhi (under the supervision of Prof G.S Benipal) for his work on the topic "Nonlinear Elsatodynamics of cracked concrete Beams " .
- Ph.D Degree has been awarded to Sh Satish Kumar (Research scholar, NIT Hamirpur, under the supervision of Prof J.N Sharma and Prof Y.D Sharma) for his work on the topic "A study of wave propgn phenomenon in micro stretch continua".
- Prof. Rakesh Sehgal received Post Doctoral fellowship from UGC , New Delhi for a period of 02 years w.e.f September 2009.

Campus Highlights



Flag hoisting by Hon'ble Director on 63rd Independence Day



Orientation Program for B.Tech/B.Arch Freshers -09



Van Mahotsav Being celebrated in Institute Campus-09

Student Activities

- Forum of Computer Engineers (FORCE), Technical society of Department of CSE organized Orientation Programme for Students of NIT on "Awareness about Ragging" in Institute Auditorium on Aug 10, 2009 . Prof. I.K. Bhat, Director, NIT, Hamirpur was the Chief Guest and Invited Speaker of the evening. Prof. Lalit K. Awasthi, Dean (SW & A) was the Guest of Honor Faculty Coordinator Sh. Siddhartha, President Mr. Manik Malhotra (CSE) final year and General Secretary, Mr. Amit .
- Prof. I.K. Bhat, Director, NIT, Hamirpur launched the Web site of FORCE at Institute Auditorium on Aug 10, 2009. Nikhil Khullar B.Tech (CSE) third year, is the Joint Secretary and Coordinator of the Website.
- Prof. I.K. Bhat, Director, NIT, Hamirpur and Prof. Lalit K. Awasthi, Dean (SW & A) unveiled the Magazine NIT Talks of FORCE at Institute Auditorium on Aug 10, 2009. Abhishek Rai B.Tech. (CSE) third year, is the Chief Editor of NIT Talks..

- Interaction matches among the first year B Tech. students of different branches were organized in the month of august, 2009. The students took active part in basketball and badminton. The students of Electronics and communication Engineering were the champions in basketball where as the students of Mechanical Engineering emerged as winners in badminton.
- Prodyogiki '09** ISTE Students's chapter event celebrated annually (during September 05,06) saw an un precedented participation from the students. This two day event aims at widening the horizon of students by involving them in technical workshops & competitions demanding technical prowess and craftsmanship, managerial and interpersonal skills leading to the over all development of the student community to a sustainable life in the modern society. Various events such as Virtual stock market -an online trading game, Edifice-a model making contest , Debate express, Workshop on adobe flash player, Skullptures, Mad ad, Meet the technocrats etc. saw an enthusiastic response from the students of all departments of engineering and architecture.

Recruitments/Promotions

Department of Civil Engg	Dr.V.S Dogra (AP) Dr .Rajesh Roshan Das (AP) Mr. Dharmendra (Lecturer) Mr. Sunil Sharma (Lecturer)	Department of Mechanical Engg	Dr Rajesh Sharma (AP) Dr. Rajiv Kumar Sharma (AP) Dr. Somesh Sharma (AP) under CAS Dr. Suresh Dhiman (Lecturer) Sh. Debasis Das (Lecturer)
Elect.& Comm. Engg Department	Sh. Rakesh Sharma (Lecturer) Sh. Philemon Daniel P (Lecturer)	Department of Architecture	Ar. Puneet Sharma (Lecturer) Ar. Aniket Sharma (Lecturer) Ar. Neetu Kapoor (Lecturer)
Electrical Engg Department	Dr.R.K Jarial (AP) Dr Zakir Husian (AP) under CAS Sh Rajesh Kumar (Lecturer) Ms Bharti Bhakshi (Lecturer)	*Physics	Dr. Subhash Chand (AP) Dr. Kuldeep Kr. Sharma (AP) Dr. Vimal Sharma (Lecturer)
*Centre of Energy and Environment	Dr. S. S. Chandel (Prof) Dr. N. S. Thakur (Prof) Dr. S. S. Katoch (AP) Dr. Mamta Awasthi (Lecturer)	*Chemistry	Dr. Pamita Awasthi (AP) Dr. Prem Felix Siril (Lecturer)
*Centre of Material Science	Dr. Vishal Singh (AP) Dr. Jaspreet Kaur (Lecturer)	*Mathematics	Dr.Ramesh Kumar vats (AP)
		Health Centre	Dr Mani Verma (Doctor)

*New Research Centre's and Academic Departments

*Forthcoming Programs -Conferences/Workshops/ STC

- National Conference on "Innovation without limit" CEC -09 CED, 18-19 Sept 2009 Dr Pradeep Kumar and Dr V.S Dogra.
- 2nd Alumni Meet scheduled to be held on 02-03 October, 2009.
- National Conference on "Recent Advances in Electrical and Electronics" Dec27-28 2009 Dr R.K Jarial and Dr Zakir Hussain
- 24th National Symposium on Plasma Science and Technology PLASMA-09, to be organized by Department of Physics, NIT Hamirpur and Plasma Science Society of India (PSSI) form December. 8-11, 2009, Convener: Dr. Rajesh Kumar.
- One Week Winter School on "Internet Technologies". December 2009, Dr. Narrotam Chand.
- AICTE sponsored Short Term course on "Linux Administration December 15-19,2009 By CSE department.
- International workshop on "Advances in Artificial Intelligence" (two days) March 2010 By CSE department.
- One day workshop on e-learning management systems January 2010 By CSE department.

*For more details of programs please log on to www.nitham.ac.in

From Chief Editor's desk

On the behalf of Editorial team I 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 2nd Volume of Year 2009 Newsletter in the best possible manner.

Good wishes to all NITHians past, present and regards to all the readers
Dr. Rajiv Kumar Sharma, MED

Editorial Board

Patron

Prof. I.K. Bhat, Director

Editor-in-Chief

Dr. Rajiv Kumar Sharma

Editorial Members

Ar. I.P Singh
Dr. Pradeep Kumar
Dr. Rajeevan Chandel
Dr .Veena Sharma
Dr. Kuldeep Kumar Sharma
Sh. Pradeep Singh
Sh. Anil Dhiman
Sh. Srikanth M
Ms. Pooja Sharma