



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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Message From The Director



Prof. I. K. Bhat, Director

It is a matter of pride for me to see another newsletter in the hands to give a glimpse of activities carried out during last three months. On the onset let me congratulate the Faculty Staff and Students for their efforts made which has taken NIT- Hamirpur from no-where to 20 top Technical Institutions of the country in just two years. Such a reward and distinction cannot be got without the tremendous work done by everyone. It has raised the prestige of the institution and every member of NIT- fraternity. My dream of bringing NIT- Hamirpur among top five NITs of the country and get it the international visibility has been achieved. Let me warn you that this is not the end but a beginning of a great journey where people outside will envy the quality of education provided by this institution. We need to keep our endeavor going on to make it a brand called NIT- Hamirpur brand.

During this period the World Bank Auditor visited and assessed the impact of TEQIP. I am happy to inform you that we were rated at 5.2 two years back and now this year we are at 8.6 (one of the highest in the country) This change was also appreciated by most of the Directors of NITs who visited NIT-Hamirpur and rated out infrastructure, equipment and facilities as excellent. Prof. S.S. Murthy of IIT, Delhi who visited Hamirpur remarked that some of the facilities, which we have created, are better than many IITs. I hope all of you will continue to do the good work and will use these facilities for conduction of Research.

I am happy to welcome the newly appointed faculty into the scenic and beautiful NIT, Hamirpur. I am confident that they will further fuel the growth rate of this institution by proving themselves to be the best teachers and dedicated researchers and will carry the image of this institution to further higher heights. I am confident that they shall guide, mentor, and motivate the students and prove to be a role model for the students. No attempt has to be spared to prove to be knowledge generators of today. I hope they will strive as a team for making NIT- Hamirpur as a temple of higher learning.

I am sure that the information provided in the pages of this newsletter will give you idea about the activities, which the institute has ventured in. I feel you will appreciate that the institute newsletter is proving to be informative, imaginative, provocative and focused towards service to Community and Society.

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Short Term Courses/Training Programmes Conducted



Prof. I.K. Bhat Addressing the Delegates During Inauguration of STC on Signal Processing and Advances in Control



Dignitaries on Dais During Inauguration of STC on Environmental Hazards (EH07)



Short Term Programme on "Planning for the Built Environment in the Hill Region"

- A Short Term Course on "Signal Processing and Advances in Control" was conducted by Electrical Engineering Department from July 10-14, 2007. Prof. I K Bhat, Director NIT Hamirpur was the chief guest of the inaugural function. The course was attended by 37 participants from the technical institutes from all over India. The key note address was delivered by Dr. R Jha, Professor, Department of Instrumentation and Control, NIT Jalandhar. Other expert lectures on diverse topics related to the theme of the course were delivered by Dr. Ravinder Nath, Assistant Professor NIT Hamirpur, Professor K. E. Hole, Ex-faculty IIT Kanpur (Presently HOD and Dean, NC College of Israna, Haryana), Mr. Anupam Gupta researcher at IIT Kanpur, Dr Y. N. Singh Professor. Electrical Engineering Department, IIT Kanpur, Mr. Tony Jacob, researcher at IIT Kanpur, Dr. Veena Sharma, Assistant Professor NIT Hamirpur. During the course laboratory session was sponsored by Advanced Technology Chandigarh focused on "Embedded System, DSP, and Communication modules". The company came along with their product modules and demonstrated them in the department to the participants. The course was sponsored by TEQIP. Dr. Veena Sharma and Dr. Ravinder Nath Sharma Coordinated this short term course.
- Department of Applied Sciences & Hum under TEQIP organized Short-Term Course on "Environmental Hazards" [EH-07] during July 09-13, 2007. Opening lecture was delivered by Prof. I. K. Bhat, Chief Guest of the occasion on "Global Warming". In all, 30 participants from different corners of the country participated in this course. Prof. A. P. Vig from GNDU, Amritsar, Dr. Sharwan Kumar, Environmental Engineer, H. P. State Pollution Control Board, Dr. S. D. Kashyap, Associate Director, RHRC-Bhota, Dr. Kamal Sharma, Scientist, RHRC-Bhota, Dr. M. Dhiman, Scientist RHRC-Bhota, Dr. Ashwani Chandel, EED, NIT-Hamirpur, Dr. B. S. Kaith, NIT-Hamirpur, Er. O. P. Rahi, NIT-Hamirpur, delivered their lectures during the course. Prof. M. Chidambaram, Director NIT-Trichi, a renowned academician was the Chief Guest of closing ceremony. Dr. B. S. Kaith was the coordinator and Sh. Yogesh Gupta & Dr. Kuldeep Kumar Sharma were the organizing secretaries of the course.
- A Short Term Programme on "Planning for the Built Environment in the Hill Region" was held from June 5th to 9th, 2007 in the Department of Architecture, NIT, Hamirpur. About 27 Candidates across the country attended the Short term Programme. The expert speakers during the course were Dr. R.K.Pandit, Prof & head, Deptt of Achitecture, MITS, Gwalior (MP), Mr. Shalabh Saxena, Urban Planner, MITS, New Delhi, Ar. Jit Kumar Gupta, Director, IET, Bhaddal, Dr. Shrawan Kumar, Environmental Engineer, HP State Pollution Control Board, Jassur, Dr. YR Sood, Ar. Minakshi Jain and Ar. IP Singh from NIT, Hamirpur. The Course coordinators were Ar. I. P Singh, Ar. Minakshi Jain and Ar. Amitava Sarkar.

- Department of Civil Engineering organized a Short Term Course on “Small Hydro Power” during May 07-11, 2007. Prof. I K Bhat, Director NIT Hamirpur was the chief guest of the inaugural function. The course was attended by 23 participants from the technical institutes from all over India. During the course Dr. Z Ahmed, IIT Roorkee, Prof. M. K. Mittal, IIT Roorkee, Dr. S. C. Sharma, GZSCET Bhatinda, Dr. Yaduvir Singh TIET Patiala, Dr. Jagjit Singh, Director E. Consultants Pvt. Ltd. New Delhi, Dr. P. K. Sood, Ex. Director, Hatware & Parteners (I) Pvt. Ltd, New Delhi were the experts who deliberated on the issues related to the theme of the course. The course was sponsored by TEQIP. Prof. R. L. Sharma was the coordinator and Prof. R. K. Sharma was the co-coordinator of this Short Term Course.
- Short Term Course of two weeks duration (July 9-20, 2007) on “Fundamentals of Tribology” was organized by the Department of Mechanical Engineering. Prof. I. K. Bhat inaugurated the function by lighting the lamp and releasing the proceedings. Prof. Braham Prakash, from Tribolab, Lulea University of Technology, Sweden, Dr. Har Prasad, Consultant, CETR, Prof. M. F. Wani, NIT Srinagar and Dr. Manu Sharma, UIET, Chandigarh were external speakers during this course. This course has been coordinated by Prof. Rakesh Sehgal, Mr. Rajesh Sharma, and Mr. S.K. Pradhan of Mechanical Engineering Department.
- A Short Term Training Course on “HDL & VLSI EDA Tools” for students of various branches of NIT Hamirpur and students of other NITs was conducted on 21-25, May 2007 under TEQIP. The coordinators were Dr. Rajeevan Chandel & Er. Philemon Daniel.
- Short Term Course on “Repair & Maintenance of Electronic & Electrical Gadgets”, organized from June 11-15, 2007 under UPA Program of Govt. of India. Forty four participants benefited from the course. Course Coordinators were Dr. Rajeevan Chandel & Sh. Surender Soni.



Inaugural Ceremony of STC on “Small Hydro Power”



Inaugural ceremony of STC on “Fundamentals of Tribology



Lab Session on Mobile Repair Being Conducted During the Short Term Course under UPA



Mr. Sumit Rao, E&CED Student Giving Feedback of the Short Term Course on HDL-07

Conferences/Workshops Conducted

- Department of Computer Science and Engineering, organized two day National Conference on “Emerging Trends in Computing and Communication” ETCC-07 during July 27-28, 2007.

The conference was inaugurated by the Chief Guest Prof. S.C. Sahasrabudhe, Director, Dhirubhai Ambani Institute of Information and Communication Technology, Ahmedabad, and Guest of Honour Prof. I.K. Bhat, Director, NIT Hamirpur.

In total 54 research papers were presented. Keynote talks were delivered by Prof. S.C. Sahasrabudhe (DAIICT Ahmedabad), Prof. Murlidharna (IISc Bangalore), Prof. M. Govil (NIT Jaipur), Prof. Ajay Sharma (NIT Jalandhar) and Prof. Moin Uddin (Director, NIT Jalandhar).

Organizing Committee: Chairman - Prof. Lalit Kumar Awasthi, Co-Chairman - Dr Narottam Chand, Organizing Secretaries - Ms. Kamlesh Dutta & Mr. Naveen Chauhan.

- Department of Civil Engineering of NIT Hamirpur jointly organized an International Workshop with Himachal Institute of Public Administration for the first time on “Seismic Evaluation and Strengthening of Existing Structures” during June 16-18, 2007 at HIPA, Shimla. The workshop was largely attended by engineers and academicians from various departments and institutes like HPPWD, HPSEB, I&PH, Rural Development, SJVNL, T&CP, HUDA, HPTDC, Engineering Colleges and Polytechnics from all over the country. In all 130 participants attended the workshop. The workshop was inaugurated by Prof. Mahesh Tandon, Managing Director, Tandon Consultants Pvt. Ltd. Sh. S. S. Parmar, Chief Secretary, Government of Himachal Pradesh & Dr. R. L. Chauhan, Member HPSEB Cum Chairman BOG NIT Hamirpur were the Guests of Honour at the function. Prof. I.K Bhat, Director NIT Hamirpur and Sh. Ajay Mittal also graced the occasion with their benign presence. During the two day workshop Prof. Mahesh Tandon, MD, TCPL, Prof. Micheal N. Fardis, University of Patras, Greece, Prof. Shamim A. Sheikh, University of Toronto, Canada, Prof. K.C. Tsai, Director, National Centre for Research on Earthquake Engineering, Taiwan, Prof. T. K. Dutta, IIT Delhi, Prof. V. Kalayanaraman, IIT Chennai, Er. Jitender Bothara, Seismic Engineer, New Zealand, Prof. Manoj Dutta, IIT Delhi, Prof. N. M. Bhandari, IIT Roorkee and Prof S. K. Kaushik, Ex-Professor, IIT Roorkee shared their experiences and views on the topics related to the theme of the Workshop.

Organizing Committee: Chairman - Prof. Raman Parti, Co-Chairman - Dr R. K. Dutta, Organizing Secretaries – Dr. Umesh Sharma and Dr. Pardeep Kumar.

- National Conference on “Design Techniques for Modern Electronic Devices, VLSI & Communication Systems DTVC-2007” was organized successfully by E&CED, on 14-15 May 2007 and received over-whelming response from all states of India. The conference was well attended by twelve world renowned academicians experts and over hundred delegates from all over the country.



Lamp Lighting Ceremony During Inauguration of National Conference, ETCC – 07



Dignitaries During Inaugural Function of International Workshop SESES – 07 at HIPA, Shimla



Panel Discussion in Progress During International Workshop SESES – 07 at HIPA, Shimla

- Dr. R.L. Chauhan, Chairman BOG of NIT Hamirpur was the chief guest. Prof. IK Bhat Director NIT Hamirpur, Dr. CP Ravikumar and Dr. S. Sarkar were the guests of honour in the inaugural session. Dr. C.P. Ravikumar, Senior Director, Texas Instruments Ltd. Bangalore was key-note speaker. Prof. I.K. Bhat, Director NIT Hamirpur, Prof. GS Visweswaran IIT Delhi, Prof. Dinesh Sharma, IIT Bombay, Prof. D. Mukhopadhyaya from Jadavpur University, Prof. S. Sarkar MITS Sikar Rajasthan (formerly at IIT Roorkee), Prof. A.K. Saxena IIT Roorkee, Prof. Ajay Sharma, NIT Jalandhar and Dr. S.S. Rajput, Sc-E NPL India, New Delhi were main experts of the Conference. Dr. Rajeevan Chandel, Head E&CED NIT Hamirpur was the General Chair & Coordinator of the National Conference. Dr. Ashwani Kumar Chandel, AP EED NIT Hamirpur was the organizing secretary of the event. The main objective of the National Conference was to bring the industrial professionals and academicians together for a better appreciation of the challenges in the Design techniques in the emerging areas of very large scale integration (VLSI) and Communications systems. New research areas in which further research work needs to be carried out were identified.
- A workshop on “Right to Information Act” has been organized on 4th August, 2007 by the Institute. Twenty-seven participants attended the workshop. The workshop was inaugurated by the Registrar, NIT, Hamirpur.



Proceedings of DTVC-07 Being Released by Dr. R. L. Chauhan, Inaugural Ceremony of Workshop on “Right to Information Act”
Prof I. K. Bhat & Dr. C. P. Ravikumar

Student Activity

- Orientation programme for the first year students was held on 26th July, 2007 at auditorium of this Institute. Director, Registrar, Deans and Heads of various departments briefed about the Institution and department.
- Independence Day was celebrated in the NIT campus with Flag Hoisting Ceremony by the Director of Institute, Prof. I. K. Bhat, and singing of National Anthem in front of the administrative block. The NCC cadets of Navy Wing of the Institute and the Security Staff of the Institute performed march past. Director I. K. Bhat along with the officer Incharge NCC Wing, Dr. Piar Chand Ryhal took the salute. During the celebration, the students of cultural club of NIT Hamirpur presented patriotic cultural events.



Independence Day Ceremony at NIT, Hamirpur



Orientation Programme for First Year Students – 2007 Batch

- Mr. Kumar Ashutosh, B.Tech. Final Year ECE students of this Institute was awarded “Best Students Award” for the year 2006-2007.
- During the training programme of 2007, Shishir Kumar Goel, Vivek Shah, Divya Sharma and Khushboo Agarwal interned at Homi Bhabha Centre for Science Education under Tata Institute of Fundamental Research, Mumbai. They worked on GNOWSYS(<http://www.gnowledge.org>) under the guidance of Dr. Nagarjuna G. the Chairman of Free Software Foundation, India. GNOWSYS is GNU (<http://gnu.org>) project and is one of the very few GNU projects being developed in India. It aims to make a Knowledge representation system, which seeks to organize and store knowledge.
- Vindhyachal Boys Hostels’ Mess was inaugurated by our worthy Director Prof. I.K.Bhat on 25th July, 2007. First year students along with Ph.D. scholars are residing in the hostel.
- 1st round of Regional Mathematical Olympiad (RMO-2007) was conducted at NIT Hamirpur on 19/08/07 by Prof. J. N. Sharma as center coordinator. This is an important activity under the auspicious of National Board of Higher Mathematics (NBHM), Deptt. of Atomic Energy, GOI.



Inauguration Ceremony of Vindhyachal Boys Hostels’ Mess by Our Worthy Director Prof. I.K. Bhat

Networking Activities

The faculty members of NIT Hamirpur under the leadership of Prof. I.K. Bhat, organized two day Induction Training Programme for the faculty members of CT Group of Institutions at Jalandhar on Aug 5-6, 2007. Prof. I.K. Bhat, Prof. Anoop Kumar, Prof. Sushil Chauhan, Prof. Vinod Kapoor, Dr. Piar Chand and Dr. Rajeevan Chandel delivered the expert lectures during this programme.

Lectures Delivered

- **Prof. I.K. Bhat** delivered expert lecture on “Global Warming” in Short-Term Course on “Environmental Hazards” during July 09-13, 2007, NIT Hamirpur.
- **Dr Veena Sharma** delivered an expert lecture on “Control System Design using State Space Approach” during short-term course w.e.f. 10-14 July, 2007.
- **Ar. Minakshi Jain** delivered a series of expert lectures on “Site and Structure relationship, Ecological Forces and Landscape Expressions, Sustainable Development in a STTP on “Gen_5 Architecture” organized at NIASA (National Institute of Advanced studies in Architecture), Pune from May 28th – June 1st 2007 and in the Short Term Programme on “Planning for the Built Environment in the Hill Region” held from June 5th to 9th, 2007 in the Department of Architecture, NIT, Hamirpur.
- **Ar. I. P Singh** delivered expert talk on the topic “Assessment and Causes of Fragility in the Hill Region” in the Short Term Programme on “Planning for the Built Environment in the Hill Region” held from June 5th to 9th, 2007 in the Department of Architecture, NIT, Hamirpur.
- **Sh. O. P Rahi** delivered an expert lecture on the topic “Electromagnetic Pollution” during TEQIP sponsored short term course on Environmental Hazards organized by Applied Science & Humanities Department, NIT Hamirpur during 09-13 July, 2007.
- **Dr. Y. R Sood** delivered an expert lecture on “Introduction to Domestic Electrical Appliances”, in two days workshop on, “Hands-on Training on Domestic Electrical Appliances”, TEQIP from 10-11 March 2007 at NIT Hamirpur.
- **Dr. Y. R Sood** delivered an expert lecture on “Transmission of Electricity under Deregulated Environment of Power Industry” in short term course on “Small Hydro Power”, May 7-11, 2007, organized by Civil Engineering Department at NIT Hamirpur.
- **Dr. Y. R Sood** delivered an expert lecture on “Transformer – Important Equipment in Power System” in short term course on “Small Hydro Power”, May 7-11, 2007, organized by Civil Engineering Department, NIT Hamirpur.
- **Dr. Y. R Sood** delivered an expert lecture on “Management of Energy from Waste for Clean Environment”, in short term course on “Planning for Built Environment in Hill Region” June 5-9, 2007, organized by Architecture Department, NIT Hamirpur (HP).
- **Dr. Pardeep Kumar**, Assuistant Professor, Civil Engineering Department, delivered expert lecture on “Earthquake Resistant Design and Construction Practices” at Govt. Polytechnic Sundernagar on June 6, 2007.
- **Prof. R. K. Sehgal**, Professor, MED, delivered series of expert lectures on “Selection and Layout of Turbines and Design of Turbines” in STC on Small Hydro Power organized by Civil Engineering Department, NIT, Hamirpur from May 07 – 11, 2007.
- **Prof. Vinod Kapoor** delivered an expert Lecture on “Motivation and HRDM” at Police Training College Daroh, Distt. Kangra (HP) on 18/05/2007
- **Dr. Rajeevan Chandel** delivered two experts lecturers. **Dr. Vinod Kapoor, Dr. Ashwani Chandel, Dr. Narottam Chand, Sh Surender Soni, Sh. Ashok Kumar, Mrs. Gargi Khanna, Sh. Krishan Kumar** delivered one lecture each in STC on Repair and Maintenance of Electrical and Electronics gadgets, under UPA project organized by E&CED, NIT Hamirpur, 11-15 June, 2007.
- **Prof. J.N. Sharma** delivered expert lectures to college and University teachers in a Refresher Course in Mathematics organized by Academic staff College, Guru Nanak Dev University, Amritsar w.e.f. 09/08/07 to 11/08/07.
- **Dr. Rajeevan Chandel, Er. P. Daniel, Mrs. K Dutta, Sh. Surender Soni & Er. Parminder Singh** delivered expert lectures in the short term training course on “HDL & VLSI EDA Tools on 21-22, May 2007.

Sponsored Research and Consultancy Projects

A consultancy project has been awarded by NTPC Limited to Civil Engineering Department for the “Onsite and Laboratory Examinations of Groundwater and Surfacewater Sources for Potability around Koldam Hydro Power Project”. Project Coordinator: Sh. Surjit S Katoch.

Courses, Seminars and Training Programmes Attended

- **Prof L K Awasthi** attended a training program in IISc Bangalore on "System Administrator and Security" from 14th May to 8th June 2007.
- **Dr. R. K Dutta** Assistant Professor, Civil Engineering Department attended a QIP course on "Hazardous Waste Management" at IIT Roorkee from 9-13 July, 2007.
- **Dr. R. K. Dutta**, Assistant Professor, Civil Engineering Department attended a Course on "Planning for Built Environment in Hill Region" at NIT Hamirpur from 5-9 June, 2007.
- **Ar. Minakshi Jain & Ar. I.P. Singh** has attended an International Workshop on "Seismic Evaluation & Strengthening of Existing Structures" at HIPA, Shimla from 15th – 16th June, 2007.
- **Ar. Amitava Sarkar**, has attended a Short Term Course on "Gen_5 Architecture" wef May 28th to June 1st, 2007 at NIASA (National Institute of Advanced studies in Architecture), Pune.
- **Ar. Amitava Sarkar** has attended a Short Term Course on "Environmental Hazards" wef July 9th to 13th, 2007 under TEQIP at National Institute of Technology, Hamirpur
- **Ar. Minakshi Jain**, Ar. I.P. Singh, Ar. Amanjeet Kaur has attended a workshop on "Culture Building through Team work" under TEQIP at National Institute of Technology, Hamirpur w.e.f April 21st – April 22nd , 2007.
- **Ar. Minakshi Jain**, Ar. I.P. Singh, Ar. Reeta Singh has attended a workshop on "Getting Motivated : Some Practical Techniques" under TEQIP at National Institute of Technology, Hamirpur w.e.f April 2nd – April 3rd , 2007.
- **Sh. O. P. Rahi**, attended Short Term Course on "Signal Processing and Advances in Control", during 10-14 July, 2007 organized by Electrical Engineering Department, NIT Hamirpur.
- **Dr. Rajiv Kumar Sharma** attended a short term course on "Small Hydro Power" organized by Civil Engg Deptt, National Institute of Technology, Hamirpur During June 07-11, 2007.
- **Dr. Y.R. Sood** attended short term training course "Regulation in Electricity Sector", during June 18-23, 2007 organized by Alternate Hydro Energy Centre, IIT Roorkee.
- **Prof. Raman Parti & Dr. Pardeep Kumar** attended seminar on "Super Ductile Rebars for Highly Seismic Zones" at Shimla, organized by TATA Tiscon Group on July 26, 2007 .
- **Dr. Rajeevan Chandel** AP & Head E&CED, **Sh. Ashok Kumar**, Lect. (SG), **Ashwani Kumar** Senior Lecturer attended a Two days workshop on, "Culture Building through Team Work", held on 21-22 April, 2007.
- **Dr. Rajeevan Chandel** AP & Head E&CE & Coordinator SMDP-II and **Mrs. K. Dutta** CSED visited IIT Guwahati on 21-22 June, 2007, for RC-PI meet under SMDP-II Project.
- **Dr. Rajeevan Chandel** AP & Head E&CE attended one week short term course on, "Environmental Hazards" w.e.f. 09-13 July, 2007 in App. Sc.Dept., NIT Hamirpur HP.
- **Sh. Surender Soni** Lect (SG), **Sh. Ashok Kumar**, Lect. (SG) attended one week short term course on, "Signal Processing and Advances in Control" w.e.f. 10-14 July, 2007 in Elect. Engg. Deptt., NIT, Hamirpur (HP).

Visit of World Bank Auditor/Mentor to NIT Hamirpur

- World Bank Auditor Prof. Subhash Wadhwa visited and assessed the impact of TEQIP and rated NIT Hamirpur 8.6 out of 10 (one of the highest in the country). This change was also appreciated by most of the Directors of NITs who visited NIT-Hamirpur and rated our infrastructure, equipment and facilities as excellent.
- Mentor of TEQIP, Prof. S.S. Murthy of IIT Delhi visited NIT Hamirpur during July 2007. During his visit he interacted with faculty, staff and students. He remarked that some of the facilities, which NIT Hamirpur has created are better than many IITs.



Inspection by World Bank Auditor

Papers Published in Journals

International

- **Lalit Kumar Awasthi and P. Kumar**, "A Synchronous Checkpointing Protocol for Mobile Distributed Systems: Probabilistic Approach", International Journal of Information and Computer Security, Vol. 1, No. 3, pp. 298 – 314, 2007.
- **Narottam Chand**, R.C. Joshi and Manoj Misra, "Cooperative Caching in Mobile Ad Hoc Networks Based on Data Utility", International Journal of Mobile Information Systems, Vol. 3, No. 1, pp. 19-37, 2007.
- **Narottam Chand**, R.C. Joshi and Manoj Misra. Data Caching in Mobile Ad Hoc Networks. In: David Taniar, ed. Encyclopedia in Mobile Computing and Commerce. IGI Publishers, USA, 2007.
- **Dutta, R.K. and Sarda, V.K.** (2007), " CBR Behaviour of Waste Plastic Strip- Reinforced Stone Dust/Flyash Overlying Saturated Clay", Turkish Journal of Engineering and Environmental Sciences, Vol. 31, No. 3, pp. 171-182.
- **Sunil**, Prakash Chand and Pavan Kumar Bharti: "Double-diffusive convection in a micropolar ferromagnetic fluid", "Applied Mathematics and Computation" (Netherlands), 189(2), 1648-1661, (2007).
- **Sunil**, Anu Sharma, Pavan Kumar Bharti and R. G. Shandil: "Linear stability of double-diffusive convection in a micropolar ferromagnetic fluid saturating a porous medium", "International Journal of Mechanical Sciences" (Netherlands), 49(9), 1047-1059 (2007).
- **Piar Chand and Yogesh Gupta**, "The Philosophy of Total Quality Management", The Journal of Engineering Education, April 2007 & July 2007, Vol. XX No.4 & Vol. XXI No.1, pp13-19.
- **Kaith, B.S.** and Kumar Kiran, "In Vacuum preparation of Psy-cl-Poly(AAm) Super-absorbent and its applications in Oil-Industry" e-Polymers 2007, No. 002, <http://www.e-polymers.org> ISSN 1618-7229.
- **Kaith, B. S.** and Kumar Kiran, "In Air Synthesis of Psy-cl-poly(AAm) net-work and Its application in water absorption from oil-water emulsions" eXPRESS Polymer Letters, Vol. 1, No. 07, 474-480 (2007).
- **Kaith, B.S.** and Kalia Susheel, "Grafting MMA onto Flax under the Influence of Microwave Radiation and the use of Flax-g-poly(MMA) in preparing PF Composites" AUTEX Research Journal, Vol. 07 (02), 119-129(2007).
- **Sharma Rajiv Kumar**, Kumar Dinesh, Kumar Pradeep (2007), "FM – A Pragmatic Tool to Model, Analyze and Predict Complex Behavior of Industrial Systems", Engineering Computations- International Journal for Computer-Aided Engineering and Software 24(4) , pp.319-346.
- **Sharma Rajiv Kumar**, Kumar Dinesh, Kumar Pradeep (2007), "Modeling and analyzing system failure behavior using RCA, FMEA and NHPPP model", International Journal of Quality and Reliability Management .24(5), pp.525-546.
- **Yog Raj Sood**, "Evolutionary Programming Based Optimal Power Flow and its Validation for Deregulated Power System Analysis", published in the Science Direct International Journal of Electrical Power and Energy Systems, Elsevier Science Volume 29, Issue 1, January 2007, Pages 65-75..
- Jashan deep Singh, **Yog Raj Sood**, Piuresh Verma, R. K. Jarial, "Novel Technique for Sampling of Transformer Oil", published in Electrical Review Journal, February 2007 issue, pp. 4-9.
- **Yog Raj Sood**, Narayana Prasad Padhy, H.O.Gupta, "Deregulated Model and Locational Marginal Pricing" published in the Science Direct International Journal of Electrical Power System Research, Elsevier Science, Vol. 77, Issue 5-6, April 2007, Pages 574-582.
- **Surjit Singh Katoch** and Vineet Kumar (2007), "Prediction of Biomedical Waste Load at Centralized Treatment Facility", Chemical Product and Process Modelling, Vol.2, Issue 3, Article 4, pp 01-12.
- **Amar Patnaik** and S.S. Mahapatra, (2006), "Optimization of Wire Electrical Discharge Machining (WEDM) Process Parameters using Taguchi method" International Journal for Manufacturing Science & Technology, Vol.9,No.2,pp.129, [released in July 2007].
- **Rajeevan Chandel**, S. Sarkar and R.P. Agarwal, "An Analysis of Interconnect Delay Minimization by Low-Voltage Repeater Insertion," Published in Microelectronics Journal, Elsevier Science, vol. 38, no. 4-5, pp. 649-655, April-May 2007.
- **Kaith B.S.**, Susheel Kalai and Deepak Pathania, "Applications of Graft Co-polymers as a Reinforcing Material in Preparation of Phenol – Formaldehyde Matrix Based Composites", International Journal of Plastic Technology, Vol. 10, No.2, 101 (2006) [released in July 2007].

National

- **Ashwani Kumar**, S.Dasgupta, "Unified Compact Modeling of a gate Tunneling Current considering Image Force Induced Barrier Lowering for a nanoscale N-MOSFET," Journal of Computational and Theoretical Nanoscience (CTN) Vol. 4, No 3, pp 482-487,2007.
- **Ashwani Kumar**, S.Dasgupta, "Analytic Modeling of Non-Uniform Graded Dopant Profile of Polysilicon Gate in Gate Tunneling Current for N-MOSFET in Nanoscale Regime." Journal of Computational and Theoretical Nanoscience (CTN), Vol 4, No 1,pp179-185, 2007.
- **Jain Minakshi**, Sharma S.C., Wattas Rajnish "Sustainable Plantation Practices For Hill Areas" in the Journal of Indian Institute of Architects Mumbai, April, 2007 Vol 72, Issue 04, p – 31-33.
- **Jain Minakshi**, Singh I.P. "Ecological forces Landscape Expressions and the mindset" in the Journal of Indian Institute of Architects Mumbai, June, 2007 Vol 72, Issue 06, p – 20-22.
- **Jain Minakshi** and **Singh I. P.** "Sustainability and Traditional Buildings" in the Time Space People and Architecture- The Magazine Council of Architecture, India, July 2007, Volume VII Issue VII, P. 18-24.
- **Amanjeet Kaur** and **Neetu Kapoor**, "Dharamshala – Local Building Tradition" in Architecture – Time, Space & People, July 2007.
- **Amitava Sarkar** and **Neetu Kapoor**, "Community Based Disaster Preparedness" in CJI – Construction Journal of India, April, 2007.
- Robin K. Bagchi, **Rakesh Sehgal** and **Suresh Dhiman**, "Development of micro alloyed structural steels in secondary steel sector using induction furnace and controlled rolling route", Indian Journal of Engineering & Materials Sciences, Vol. 14, 2007, pp. 193 – 201.

Papers Published in Conferences (International/National)

- **I. K. Bhat** and **S. S. Katoch**, "Sustainable Energy in Wake of Global Climate Modification", Convention on Corporate Response to Climate Change. S. M. Convention Center, Palampur, Himachal Pradesh, India, June 08-10, pp 19-34, 2007.
- **Surender Soni, Narottam Chand**, R.C. Joshi and Manoj Misra, "Maximizing System Lifetime in Wireless Sensor Networks", National Conference on Emerging Trends in Computing and Communication, July 2007. pp 249-254.
- **Ashok Kumar, Narottam Chand** and **Vinod Kapoor**, "Wireless Sensor Network Radio Communication: A Comparative Study of Bluetooth, ZigBee and Ultra Wide Band", National Conference on Emerging Trends in Computing and Communication, pp 117-121, July 2007.
- **Naveen Chauhan, Lalit Awasthi** and **Narottam Chand**, "Data Replication in Mobile Ad Hoc Networks", National Conference on Emerging Trends in Computing and Communication, pp 432-436, July 2007.
- **Ashwani Kumar, Vinod Kapoor** and **Narottam Chand**, "The Future of VLSI: A Survey of Nano-electronics", National Conference on Emerging Trends in Computing and Communication, pp 358-362, July 2007.
- **Ashok Kumar, Narottam Chand** and **Vinod Kapoor**, "Reconfigurable Computing in Mobile Environment", National Conference on Design Techniques for Modern Electronic Devices, VLSI & Communication Systems (DTVC), pp. 374-377, May 2007.
- **Surender Soni** and **Narottam Chand**, "Signal Processing for Energy Efficient Operations in Wireless Sensor Networks", National Conference on Design Techniques for Modern Electronic Devices, VLSI & Communication Systems (DTVC), pp. 268-271, May 2007.
- **O.P. Rahi, Siddhartha Chauhan** and **Naveen Chauhan**, "Enterprise Power System Software: Problem Formulation to Implementation," ETCC-07, pp 161-165.
- **Vijay Kumar Samya, Pardeep Singh**, Seema Samyal, **Siddharth Chauhan**, "Securing Application using DPAPI from ASP.NET and Services", National Conference on Emerging Trends in Computing and Communication, pp 117-121, July 2007.
- **T.P. Sharma**, R.C. Joshi and Manoj Misra, "Directed Diffusion Protocols for Specific Scenarios in Wireless Sensor Networks", National Conference on Emerging Trends in Computing and Communication, July 2007.
- **Ajay Guleria, Ashwani Kumar, Jagdish Verma** and **Anil Kumar**, "Resource Optimization Using Cross-Platform Virtualization" National Conference on Emerging Trends in Computing and Communication, pp 308-313, July 2007.
- **Sidharth Chauhan** and **Lalit Awasthi**, "A New Routing Protocol for Wireless Sensor Networks" National Conference on Emerging Trends in Computing and Communication, pp 254-259, July 2007.
- **Vijay Samyal, Pardeep Singh** and **Rajeev Kumar**, "Six Sigma" National Conference on Emerging Trends in Computing and Communication, pp 317-321, July 2007.
- **Kamlesh Dutta**, Gaurav Vashist and Shagun Pathania, "Study and Comparison of Password Authentication Protocols", National Conference on Emerging Trends in Computing and Communication, pp 5-9, July 2007.
- **Gargi Khanna, Rajeevan Chandel, Ashwani Kumar Chandel**, "Throughput Enhancement Using Wave-Pipelined Global Interconnect", DTVC Organized by E & CE Deptt., NIT Hamirpur on 14,15 May 07.
- **Gargi Khanna, Rajeevan Chandel, Ashwani Kumar Chandel**, "A Comparative Study of CMOS Buffers for High Speed Digital Circuits", in National Conference on Emerging Trends in Computing and Communication ETCC-07, Organized by Department of Computer Science and Engineering, NIT, Hamirpur (H. P.) July 27-28, 2007.
- **Piar Chand, Yogesh Gupta** and **Sanjeev Kumar**, "Role of IT in Economic Development in India at Cross Roads" in National Conference on Emerging Trends in Computing and Communication ETCC-07, Organized by Department of Computer Science and Engineering, NIT, Hamirpur (H. P.) July 27-28, 2007, pp95-100.
- **Rakhi Puri** and **Ashwani Kumar**, "Comparative Study of VLSI Switches." Emerging Trends in Computing and Communication (ETCC-2007), National Institute of Technology, Hamirpur, India, July 27-28, 2007.
- **V. Sharma**, R. Jha and **R. Naresh**, "Lagrange programming neural network optimization model" published in proceeding of National Conference ETCC-2007, held on 27-28 July, 2007, NIT Hamirpur.
- **Jashan deep Singh, Yog Raj Sood**, Piuvesh Verma, R. K. Jarial, "Novel method for detection of transformer winding faults using Sweep Frequency Response Analysis", IEEE PES General Meeting at Tampa, FL USA, 24-28, June, 2007.
- **Harsh Kumar**, R. K. Jarial, **Y. R. Sood**, "Power Transformer Diagnostic by using sweep frequency response analyzer" National Conference on Role of computers and Electronics in Power System, at Jaipur Engineering College & Research centre, Jaipur, 13-15 July 2007.
- **Ravinder Singh**, R. K. Jarial, **Y. R. Sood**, "SCADA for distribution system Management" accepted for National Conference-07 on Role of computers and Electronics in Power System, at Jaipur Engineering College & Research centre, Jaipur, 13-15 July 2007.
- **N M Bhandari** and **Pardeep Kumar**, "Non-destructive test methods", International Workshop on Seismic Evaluation and Strengthening of Existing Structures, SESES-2007, HIPA Shimla, June 15-16, 2007.
- **Devesh P. Singh**, R. Banta, P. Bhatt and **Dr. Rajeevan Chandel**, "Comparative Study of two Operand Binary Adders", National Conference on Design techniques for modern electronic devices, VLSI & Communication systems (DTVC-2007), E&CED NIT Hamirpur HP, pp. 39-44, May 14-15, 2007 (received BEST UG PAPER AWARD).
- **Dr. Rajeevan Chandel**, Dr. S Sarkar, Dr. RP Agarwal, Dr. Ashwani Chandel, "Power Dissipation in Inductive Interconnect Repeater-Chains", National Conference on Design techniques for modern electronic devices, VLSI & Communication systems (DTVC-2007), E&CED NIT Hamirpur HP, pp. 79-84, May 14-15, 2007.
- **Gargi Khanna, Dr. Rajeevan Chandel, Dr. Ashwani Chandel**, "Throughput Enhancement Using Wave-Pipelined Global Interconnect", National Conference on Design techniques for modern electronic devices, VLSI & Communication systems (DTVC-2007), E&CED NIT Hamirpur HP, pp. 105-108, May 14-15, 2007.
- **Y. Nataraj** and **Dr. Rajeevan Chandel**, "Comparison of Static and Dynamic CMOS Logic Circuits", National Conference on Design techniques for modern electronic devices, VLSI & Communication systems (DTVC-2007), E&CED NIT Hamirpur HP, pp. 214-218, May 14-15, 2007.

- **Saroj Thakur**, “Language for Humanizing: Learning Values, Attitudes and Sensibilities”, Fifth International Conference on New Directions in the Humanities, Paris, July 2007.
- **Dr. Ashwani Kumar Chandel** and **Dr. Rajeevan Chandel**, “Real Time Estimation of Harmonics Using Extended Kalman Filtering”, National Conference on Design techniques for modern electronic devices, VLSI & Communication systems (DTVC-2007), E&CED NIT Hamirpur HP, pp. 400-403, May 14-15, 2007.
- Ankur Gupta and **Lalit K. Awasthi**, “Ensuring Fault-Tolerance for Cycle-Stealing P2P Applications”, Conference on Model Institute of Engineering and Technology, pp.151-155, July 2007.
- **Surender Soni**, Dr. Narottam, “Signal Processing for Energy Efficient Operations in Wireless Sensor Network,” pp 268-271 National Conference DTVC-2007, NIT Hamirpur.
- **Meenakashi Sood**, “Education of Wide Band Antennas for Mobile Phones,” pp 328-331 National Conference DTVC-2007, NIT Hamirpur (HP).
- **Philemon Daniel**, “Asynchronous Design Translation from Synchronous Circuit” pp 49-54, National Conference DTVC-2007, NIT Hamirpur (HP).
- **Philemon Daniel**, “Testing SOCs-A fresh Perspective,” National Conference DTVC-2007, NIT Hamirpur (HP).
- **Gargi, Rajeevan** and **Ashwani Chandel**, “A Comparative Study of CMOS Buffers for High Speed Digital Circuits”, National Conference on Emerging Trends in Computing & Communication (ETCC-2007) held on 27th & 28th July, 2007 at NIT, Hamirpur (HP).
- **Natraj, Rajeevan Chandel** & R. Santpur, “Reversible Computing for High Performance VLSI Circuits”, National Conference on Emerging Trends in Computing & Communication (ETCC-2007) held on 27th & 28th July, 2007 at NIT, Hamirpur (HP).
- **Ankit, Rajeevan Chandel** & P. Singh, “A Comparative Simulation Analysis of Current Mirrors for Analog VLSI Circuits”, National Conference on Emerging Trends in Computing & Communication (ETCC-2007) held on 27th & 28th July, 2007 at NIT, Hamirpur (HP).
- **Rakhee** and **Ashwani Kumar**, “Comparative Study of VLSI Switches” National Conference on Emerging Trends in Computing & Communication (ETCC-2007) held on 27th & 28th July, 2007 at NIT, Hamirpur (HP).
- **Pamita Awasthi**, R.K. Mahajan and Ritu Barthwal, “Synthesis and Structural Studies of Aromatic Juvabion Type of Insect Juvenile Hormone Analogues”, 13th National Magnetic Resonance Society Meeting, Pune, P-31, 2007.

Recognition and Awards

- **Dr. Narottam Chand** became editorial board member for Research Journal of Information Technology, Journal of Artificial Intelligence and Asian Journal of Information Management.
- **Dr. Rajeevan** was Coordinator & General Chair of National Conference on Design Techniques for modern electronic devices, VLSI & Communication systems (DTVC-2007) held on 14-15 May 2007, organized by E&CED, NIT Hamirpur HP. She is also reviewer of IEEE Transactions on VLSI Systems.
- **Sh. Zakir Hussan**, EED, chaired a technical session on Power System in the 6th World Scientific and Engineering Academy & Society International Conference on Application of Electrical Engineering held in Istanbul, Turkey, May 27-29, 2007.

NIT Hamirpur Ranks 20th

Technology schools (T-schools) play a very important role in the current economy and will be extremely vital players in the not-so distant future. During May/June 2007, Data Quest, a technology magazine from Cyber Media in India, and International Data Corporation (IDC), a US-headquartered research firm has conducted a survey that provides benchmarks for various T-schools in India. This survey is also an interesting insight on how the technology education infrastructure is evolving in India. According to the survey, NIT Hamirpur has bagged the 20th position. Dataquest and IDC surveyed 117 top technology and engineering colleges of the country. The ranks were awarded based on composite scores arrived on the basis of parameters like placements, infrastructure, academic environment, industry interface and HR perception. The survey underlined that the Institute has shown the most remarkable jump moving up 14 places to rank 20th in contrast to 34th rank last year. The survey attributes the rise of NIT Hamirpur to a marked improvement in every parameter like increase in the number of IT companies visiting the campus for placements, and average number of research papers.

Foreign Visits

Dr. Saroj Thakur, AP, English, visited Paris to present a research paper in “Fifth International Conference on New Directions in the Humanities” during July 2007.

Sh. Zakir Hussan, EED, visited Istanbul, Turkey to attend the 6th World Scientific and Engineering Academy & Society International Conference on Application of Electrical Engineering during May 27-29, 2007.

NIT Directors Meet

NIT Hamirpur hosted the fourth meeting of NIT Directors from July 13 to July 15, 2007. Directors from twelve NITs (Hamirpur, Rourkela, Warangal, Trichi, Calicut, Kurukshetra, Jaipur, Durgapur, Silchar, Surat, Allahabad, Bhopal) participated in this Meet. The Joint Secretary (T), MHRD, New Delhi, Sh. Ravi Mathur, was the Chief Guest of the function and chaired the meeting.

The Meet started with welcome of the Chief Guest and Directors of NITs by Prof. I. K. Bhat, Director NIT Hamirpur. He apprised them about the developments that have been initiated and carried out during his tenure. This was followed by brief presentation regarding the activities going on at NIT Hamirpur by the Deans and Heads of various Departments. In his inaugural address, Sh. Ravi Mathur informed that the NIT act has been signed by the Visitor and shall be notified shortly. He said that the GOI is committed to development of NITs as centers of excellence complementing the role being played by the IITs. He also emphasized on proper utilization of Grants and upgrading the accounting system. He said that enactment of NIT Act shall facilitate common service conditions and working environment in NITs.

Presenting the Agenda Items for discussion, Prof. Bhat emphasized that if the NITs have to develop as world class institutions, these should lead in quality teaching and Research and Development activities. He said that with opening of so many technical institutions, the training of faculty members has to be taken up by NITs. The draft statutes prepared by Prof. Gokhale Committee were discussed. The Directors emphasized the need to attract and retain quality faculty members and initiate steps towards that. In this regard, implementation of flexible staff structure, sabbatical leave, improved teacher student ratio was discussed. It was also decided that a case for higher emoluments for technical teachers should be presented to the sixth pay commission. It was also proposed that the funds to NITs should be released directly instead of routing through AICTE to avoid delays. Certain other issues, such as, conduct of Entrance examination for NITs, establishing NIT.NET common academic calendar, inter NIT sports activities were also discussed. It was decided that detailed proposals on issues deliberated here shall be prepared and sent to the MHRD for necessary approvals. Sh. Ravi Mathur suggested that frequent meetings of Directors should be held to discuss on issues of common interest.



Directors Meet Held at NIT Hamirpur During July 13-14, 2007



Extension View of Central Library of NIT, Hamirpur

Campus Close Up

- 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 inaugurated by honorable Chief Minister, Shri Virbhadra Singh.
- Construction of new buildings of Architecture department, residential blocks, 500 seated hostel and computer centre complex are in full swing.
- Several equipments with latest technology for various departments were procured from TEQIP / MHRD fund.
- 700 trees were planted at various places inside the campus in month of July 2007.
- Wi-fi facility extended to all the boys hostels.
- VLSI Design & Simulation Lab was inaugurated by Prof. I.K. Bhat, Director NIT, Hamirpur (HP) on 21st May, 2007.

Ragging Free Environment in NIT Hamirpur

- Prof. Anoop Kumar, Dean (S&AA) and Dr. Y. D. Sharma, Chief Warden Hostels conducted several interaction meetings with senior students and advised them to create a ragging free environment in NIT Hamirpur.
- Anti ragging flying squads comprising of faculty members and non teaching staffs have been put on duty from 26th July to 2nd September 2007 to make surprise visits to very sensitive location within the campus.
- 25 display boards giving detail descriptions of anti ragging activities, Supreme Court directives and penalty liable to be imposed on those involved in such activities have been put at various places within the campus.

Placement

Placement till 19th August 2007

B. Tech.

S.No.	Discipline	Total students in final year	Total students placed through Placement Cell	Percentage of placement
1.	Elect.& Comm. Engg.	47	38	80.85
2.	Comp.Sc. & Engg.	32	23	71.87
3.	Electrical Engg.	41	22	53.65
4.	Mechanical Engg.	45	17	37.77
5.	Civil Engg.	31	12	38.70
6.	B.Arch.	22	-	-
Total		218	112	51.37

M. Tech.

S.No.	Discipline	Total students in final year	Total students placed through Placement Cell	Percentage of placement
1.	Mechanical Engg.	08	-	-
2.	Electrical Engg.	09	-	-
3.	Elect.& Comm. Engg.	17	08	47.05
Total		34	08	23.53

Alumni Meet

NIT Hamirpur organized its first Alumni Meet on 26-27th May 2007. The Meet was attended by 146 alumni of batches that graduated in year 1990 (First Graduating Batch) to 2007. There was special enthusiasm in the batches graduating from year 1990 to 1999. More than about 100 alumni from this group attended the Meet. Most of them were visiting their Alma Mater for the first time since their graduation, and naturally were thrilled to be back in the campus again. Many of the alumni attended the Meet with their spouses and children and very proudly took their families around the campus and showed the places where they lived and spent time.

The founding principal of REC Hamirpur, Dr. R.C.Chauhan, was the Chief Guest of the inaugural function. Addressing the gathering Director, Prof. I.K Bhat, welcomed the Chief Guest, Alumni and their family members. He said that Alumni are the brand ambassadors of the Institution and a very vibrant relationship must be established and nurtured. The Chief Guest, Dr. R.C.Chauhan, called upon the alumni to contribute to the development of NIT Hamirpur.

In the post lunch session, the alumni visited their respective departments and went around the various laboratories and other departmental facilities. Discussion on the future developments followed and alumni came up with many suggestions regarding the syllabus of courses, laboratory development etc. They also offered their services in the growth of Department.

In the evening cultural programme by current students of NITH and cultural troupe of Language and Art department, Shimla was presented. Some programmes by children of Alumni were also staged. At the end of the formal cultural events inside the Auditorium, the celebration moved outside. On fast tunes of music, alumni their family members, children and faculty members danced outside the Auditorium. The crowd was thrilled and electrified when the worthy Director sir also joined the dancing group. Everyone was moved by the emotions of dancing alumni. The dancing continued till late night.

The general Body meeting of the Alumni Association was held on the morning of second day (27th May) at about 10.00 A.M. in the seminar room of Auditorium. In this meeting, worthy Director, Dean of Students and Alumni Affairs, and HODs also participated. A new Executive body of Alumni Association was formed. Decision regarding opening of new Chapters at NCR Delhi, Shimla and Bangalore was taken. It was also decided to create an Alumni Fund to provide scholarships to the needy students. The worthy Director apprised the Alumni about the recent progress of NIT Hamirpur and sought their assistance in providing better training/education to students. Many of the Alumni expressed their willingness to help NITH in training, placement, development of modern laboratories, and delivery of expert lectures in emerging areas of technology.

A feed back was also collected from alumni regarding the organizational aspects of the Meet and their suggestions for improvement in professional training at NITH. The Alumni Meet closed at a very emotional note. However, everyone appreciated the efforts by the NITH in organizing the Meet for the first time. Everyone departed with the resolve to visit again and spread the message amongst all who could not visit this time.



Inaugural Function of Alumni Meet



Alumni Meet - 2007

Services to Community and Tribal Development Programme

- Six workshops were organized in Kinnaur District at Bhaba Nagar, Chagaon, Sangla, Pooh, RekongPeo and Leo w.e.f. 5-10 July, 2007, as part of Tribal Development Project under TEQIP to spread awareness on the importance of information technology and technical education among the tribals of Himachal, besides providing facilities for the benefit of tribal students pursuing technical education at the NIT. Coordinator: Dr. Piar Chand.



Tribal Development Workshop Held in Kinnaur District

Associations in NIT Hamirpur for the Year 2006 - 07

National Institute of Technology Teachers Association Hamirpur (NITTAH)			
President	Prof. Raman Parti	Executive Members	Ex-Officio Members
General Secretary	Prof. Sushil Chauhan	Sh. Prashant Dhiman	Prof. Anoop Kumar
Vice President	Dr. Y. D. Sharma	Sh. Surinder Soni	Dr. Pardeep Kumar
Finance Secretary	Sh. D. S. Jaswal	Dr. R. N. Sharma	
Press Secretary/Advisor	Dr. P. C. Ryhal	Dr. Narottam Chand	

National Institute of Technology Non-Teaching Employees Association Hamirpur (NITNTEA)		National Institute of Technology Technical Employees Association Hamirpur (NITTEA)	
President	Sh. R. C. Verma	President	Sh. Rajpal Minhas
General Secretary	Sh. T. R. Kapoor	General Secretary	Sh. Ajay Gupta
Joint Secretary	Sh. Pardeep Thakur	Vice President	Sh. Surinder Singh
Vice President	Sh. Ravi Dass	Finance Secretary	Sh. I. S. Guleria
Finance Secretary	Sh. Ramneek	Advisor	Sh. Bikram Singh Rana
Advisor	Sh. P. C. Katoch	Press Secretary	Sh. Sanjeev Kumar
Press Secretary	Kishore Kumar		
Executive Members	Sh. B. R. Dogra		

Faculty Members Placed in the Higher Grade Under CAS

Department	Name	Placed in the Higher Grade as
Computer Science & Engineering	Dr. Narottam Chand	Assistant Professor
	Dr. S.K. Jain	Assistant Professor
	Sh. T.P. Sharma	Lecturer (Selection Grade)
	Sh. Siddhartha Chauhan	Senior Lecturer
Applied Sciences & Humanities	Dr. (Mrs.) Saroj Thakur	Assistant Professor
Electronics & Communication	Sh. Ashok Kumar	Lecturer (Selection Grade)
	Sh. Surender Soni	Lecturer (Selection Grade)
	Sh. Ashwani Kumar	Senior Lecturer
Electrical Engineering	Dr. R.K. Jarial	Assistant Professor
Mechanical Engineering	Dr. Sunand Kumar	Professor
	Dr. Anoop Kumar	Professor
Civil Engineering	Sh. Vijay Shankar	Lecturer (Selection Grade)
Physical Education	Sh. R.K. Jamalata	Lecturer (Selection Grade)
Library	Sh. D.S. Jaswal	Librarian (Selection Grade)

Recruitments

Name	Department/Area	Name	Department/Area
Visiting Professor			
Prof. S.K. Kaushik	Civil Engineering	Ex-Prof. & Head, Department of Civil Engineering, IIT Roorkee	
Professors			
Dr. A.S. Singha	Chemistry	Dr. Sushil Chauhan	Electrical Engineering
Dr. J.N. Sharma	Mathematics	Dr. Sunand Kumar	Mechanical Engineering
Dr. Lalit K. Awasthi	Computer Science & Engineering	Dr. Anoop Kumar	Mechanical Engineering
Dr. R.K. Sharma	Civil Engineering	Dr. (Mrs) Minakshi Jain	Architecture
Dr. Vinod Kumar	Electronics & Communication		
Assistant Professors			
Dr. R.K. Dutta	Civil Engineering	Dr. Ravinder Nath	Electrical Engineering
Dr. Pradeep Kumar	Civil Engineering	Dr. Veena Sharma	Electrical Engineering
Dr. Narottam Chand	Computer Science & Engineering	Dr. N.S. Thakur	Mechanical Engineering
Dr. Rajeevan Chandel	Electronics & Communication	Dr. Sunil	Mathematics
Dr. Ashwani Kumar	Electrical Engineering	Dr. Arvind Kumar	Physics
Lecturers			
Sh. Manoj Sharma	Economics	Sh. Sandeep Sharma	Architecture
Dr. Pamita Awasthi	Chemistry	Sh. P. Bala Ramudu	Civil Engineering
Dr. Rajesh Kumar	Physics	Sh. Chander Prakash	Civil Engineering
Sh. Pawan K. Sharma	Mathematics	Sh. Nitin Gupta	Computer Science & Engineering
Sh. Puneet Sharma	Architecture	Sh. Prabhat Ranjan	Computer Science & Engineering
Ms. Vandana Sharma	Architecture	Sh. Gagnesh Kumar	Electronics & Communication
Mrs. Venu Shree	Architecture	Sh. Manoranjan	Electronics & Communication

Sh. Vinod Kumar	Electronics & Communication	Sh. Siddhartha	Mechanical Engineering
Sh. Himesh Handa	Electrical Engineering	Sh. Varun	Mechanical Engineering
Sh. Amit Kaul	Electrical Engineering	Sh. Amar Patnaik	Mechanical Engineering
Non-Teaching Posts			
Sh. Jagdish C. Verma	Computer Programmer	Sh. Ravi Singh	Hardware Engineer

Coordinators of Various Activities

Name	Responsibility Assigned	Name	Responsibility Assigned
Planning & Development			
Dr. Pardeep Kumar	Campus Development & Renovations	Sh. Ashok Kumar	Communication Systems
Sh. Sant Ram Chauhan	Transport	Mrs. Kamlesh Dutta	Videoconferencing Facilities
Er. P K Sood	Community Development Programmes	Dr. Piar Chand	Tribal Development, SC/ST/OBC Activities
Dr. Narottam Chand	Campus Wide Networking, Office Automation and Institute Website	Sh. Yogesh Gupta	Medical Facilities
Dr. Ashwani Chandel	Networking of Outside Institutions	Registrar	Security
Academics and International Programmes			
Dr. R.K. Dutta	Chairman, SUGC & SPGC	Dr. Sunil	Time Table, Class Room Infrastructure and Management
Dr. J N Sharma	Admission Committee	Dr. Vinod Kapoor	Training and Placement Officer
Industrial Research, Development and Consultancy			
Dr. Anoop Kumar	Centre of Excellence	Dr. R.L. Sharma	Faculty & Staff Development, QIP, etc.
Mrs. Kamlesh Dutta	Library	Dr. Vinod Kapoor	Institute Linkages, Collaborative Research, Entrepreneurship Incubation Centres
Students and Alumni Affairs			
Dr. Pradeep Kumar	President, Student Club	Sh. I P Singh	Faculty Incharge, NSS
Sh. Surinder Soni	Sports	Dr. Piar Chand	Programme Officer, NCC
Mrs. Gargi Khanna	Cultural Activities	Sh. Naveen Chauhan	ISTE Activities
Institute Purchase			
Dr. Ram Naresh Sharma	Faculty Incharge, Institute Purchase	Dr. Kuldip Kr. Sharma	Medicine Purchase
Sh. Ashok Kumar	Departmental and Institute Purchase		





Ongoing Construction Activities in the Campus

Forthcoming Events

- Seventh Building & Works Committee meeting is scheduled to be held on September 10, 2007.
- 6th meeting of Finance Committee and 12th meeting of Board of Governors are scheduled to be held on September 15, 2007.
- A six days "Healing Breath Workshop" (The Art of Living - Basic Part I Course) will be organized during September 24-29, 2007.
- About 30 faculty members will be sponsored for Training on Store Management and Financial Administration during October 3-6, 2007 at HIPA Shimla.
- Hill 'ffair 2007, November 9-11, 2007.
- National Conference on "Recent Trends in Library & Information Science" (RTLIS-2007) will be held during Nov 15-16, 2007.
- December 2007, Winter School on "Optical Fiber Communication" Coordinators: Dr. Vinod Kapoor & Sh. Ashok Kumar.

From The Editors

The August Issue of the newsletter is in your hands. It continues to showcase our continuing excellence in academics, research, development and extension. With our expanding team of faculty, staff and students we are ready to show our strength as an expanding premier institution of the country. We would like to thank all the members of NITH family for providing the information contained in this newsletter.

Editorial Board

Patron

Prof. I.K. Bhat, Director

Editors

Dr. Pardeep kumar (Coordinator)

Dr. Anoop Kumar

Dr. Y. D. Sharma

Dr. Narottam C. Kaushal

Sh. S.K. Pradhan

Sh. Anil Kumar

Sh. Deep Kanga