

Vision Statement

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.



News Letter

National Institute of Technology, Hamirpur-177005 (HP)

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Induction Training Programme



An induction training programme was organized during 28-29 January 2006. A total number of 82 faculty members including 3 from networking institutes attended the programme. The expert lectures were delivered by Prof. I.K. Bhat, Director, and faculty members of NIT Hamirpur.

Concrete Workshop



A National Workshop on "Concrete Mix Design" was organized by the Department of Civil Engineering in collaboration with Ambuja Cements Ltd. during 9-10 February 2006. Ninety three field engineers of HPPWD, HPIPH, HIMUDA, HPSEB and HPTCP attended the workshop. Prof. S.K. Kaushik, former Prof. & Head CED IIT Roorkee, experts of Ambuja Cements Ltd. and faculty of Civil Engineering Department of our institute delivered the technical lectures and laboratory tutorials.

Placement Activities

There has been a rise in the percentage of students selected through campus recruitment process in the current academic year. As many as 173 students have been placed till 19th April 2006 out of a total of 220 students of current final year batch. Companies like Wipro, Satyam, Perot, Ashok Leyland, ABB, Alstom, L&T, Hero Honda, Sterlite, NDPL, VSNL, HCC, Simplex, Lanco etc. visited the campus for placement interviews. The highest pay package offered to our students was Rs.4.00 lacs per annum by M/s Hero Honda Motors Ltd., Gurgaon.

Institute/Expert Lectures

- **Prof. I.K. Bhat**, Director NIT Hamirpur, delivered a lecture on "Secrets of Success" on 18th February 2006 (Organized by Coordinator Institute Lectures)
- **Prof. M.S. Satsangi**, Former Head Sushant School of art and architecture, Gurgaon, delivered technical lectures on "Light Weight Structural Systems" on 23rd and 24th Feb. 2006 (Organized by Architecture Department).
- **Prof. M.B. Banerjee**, Shanti Swarup Bhatnagar Awardee, delivered lectures on "Mathematical Analysis of an Astrophysical Problem" and "Howard Semi-Circle Theorem and Beyond" on 25th and 26th March 2006 respectively (Organized by Coordinator Institute Lectures and the Department of Applied Science).
- **Ar. Sangeet Sharma**, Practicing Architect and President A3 Foundation, delivered lectures on "Designing of Auditorium Building and Sustainable Architecture" on 11-12 March 2006 (Organized by Architecture Department).
- **Dr. Piyush Chawla**, TIET Patiala, talked on "Monitoring and Diagnostics of Power Transformer" on 24th March 2006 (Organized by Electrical Engineering Department).
- **Prof. R. Shankar**, Head Deptt. of Architecture and Planning IIT Roorkee, delivered a lecture on "Vernacular architecture" on May 2, 2006 (Organized by Architecture Department).
- **Sh. Anil Mishra**, Consultant, German Technological Cooperation, delivered a talk on "Present Scenario in Energy & Environment in India" on 13th May, 2006 (Organized by Energy and Environment Centre).
- **Dr R Tomar**, delivered lecture on Recent trends in Microwave Engineering (Electronics Department).
- **Dr. Sampad Bishwas**, Scientist CGCRI Kolkata, gave a lecture on "Fracture of Structural and Nano Ceramics" on 18th May, 2006 (Organized by Centre of Material Science).

Services to Community

- One week short term course on **“Repair and Maintenance of Electronic gadgets”** was conducted by E&CE Department under Community Development Programme of TEQIP from 20- 24 March, 2006. Twenty nine participants from nearby area attended the Programme and learned basics of repair and maintenance of Electronic gadgets such as Television, CD player, Mobile phones, Power supplies and Public address systems etc.
- A workshop on **“Use of Power Operated Hand Tools”** for daily use was organized jointly by the services to community cell NIT Hamirpur and BOSCH power tools Chandigarh / Bangalore on 25-26 March, 2006. The main aim of the workshop was to create awareness among the technicians/skilled workers about the use of power operated hand tools in the area of Metal working, Wood working and Construction. The technical supporting staff from the technical institutions located in Hamirpur district namely: GPC, Hamirpur, Govt ITI Rail, Jaypee ITC. Samirpur, Jyotsana ITC Lohari, and the technical staff from the various departments of NIT, Hamirpur were the beneficiaries.



- A training programme on **“Safe and Efficient Use of Electricity”** was organized by the department of Electrical Engineering during 8-9 April 2006. About 60 female participants from the surrounding areas and within the campus attended the programme. It was mainly focused to train the participants to enable them to use different electrical home appliances as efficiently as possible in order to save electricity. The training was imparted by the faculty and the supporting technical staff of the department.
- A training programme on **“Estimation, Construction and Maintenance of Public Utility Works Including Earthquake Resistant Provisions”** was organized by Civil Engineering Department during 21-23 April 2006. The main aim of the programme was to train the field engineers for better use of latest state of the art technology to construct and maintain the various public utilities. A total of seventeen Assistant/Junior engineers from the block development offices and Takniki Sahayaks from the different parts of Himachal Pradesh attended the course. The course contents were well received and appreciated by the participants.
- The department of Computer Science & Engineering organized a training course on **“PhP, MySQL, & Apache”** from 6-10 April 2006 under community services.
- A short training course on **“Use of Agricultural & Horticultural Skills for improvement of living Environment in daily life”** was organized by the Horticulture department of the institute on 29-30 April 2006.
- An awareness Programme on **“Services to Community”** was conducted by the Community Cell of the Institute at Bijari Block on 28th April 2006.
- Mechanical Engineering Department Workshop organized a short training course on **“Plumbing and Pipe Fitting”** during 22-26 May 2006.

Campus Facelift

With the initiatives of our director, Prof. I.K. Bhat, and the efforts of campus development committee, our campus is being given a better aesthetic look. A number of alterations, renovations and additions have been done to our campus landscape. The extension of various department blocks, central library and lecture theatre complex is in progress. The campus development committee formed for the purpose, has been divided into various sub-committees namely: Waste management committee, Extension of existing buildings committee, Rain harvesting committee, Landscaping committee, Security committee and Maintenance committee.

New P.G. and Ph.D Programs

M Tech programmes have been started in the following Areas:

- Fluid Dynamics (M E Dept.)
- Advanced power Systems (E E Dept.)
- Water Resource engineering (CE Dept.)
- VLSI Design (EC and CSE Dept.)

Ph. D Programme has been started in all the departments and disciplines of the Institute.

Student Activities

Sports



- Annual athletic events along with some inter class matches were organized on 4th and 5th March 2006 and prize distribution function was held on 8th March 2006. Sh. Diljeet Thakur, Superintendent of Police Hamirpur was the chief guest of the function. Mrs. and Prof. I.K. Bhat encouraged the students by giving their valuable presence in the function. Mr Rahul Zutshi and Miss Shewta Gautam were declared Best Athlete of the year 2005-06 in the boys & girls categories respectively.

- Our cricket team participated in inter NIT Cricket Tournament at Jalandhar during 04-02-2006 to 06-02-2006 and got third place.
- Our institute volley-ball team participated in Inter NIT Volley-ball tournament at PEC Chandigarh during 14th to 15th Feb. 2006 and scored 3rd place.
- The Basket-ball team participated in inter NIT basket-ball tournament at TIET Patiala (10th - 11th March 2006), Institute badminton team took part in inter NIT badminton tournament at NIT Jalandhar, and Institute table-tennis team participated in inter NIT table-tennis tournament in the first week of May 2006.

Srijan



The unveiling ceremony of the college magazine SRIJAN was held on 13th April, 2006 in the centre hall of auditorium. The magazine this year was aptly titled “Myriad Hues” as it dwelled into the fears, aspirations, dreams, conflicts and the other varied human emotions. The magazine provides an opportunity for students to express their creativity and showcase their raw literary talents.

Other Activities

- Institute Cultural Clubs celebrated Shaheed Divas on 23rd March, 2006. The historic day was marked with the organization of events like quiz, declamation and painting competitions. The theme of the day was “India’s Freedom Struggle from 1857 to 1957” spawning fervor of patriotism which elicited huge response from the students.
- A Charity show was organized by the Cultural Clubs on 6th May, 2006 in the institute auditorium to raise funds for the education of students under literacy mission. Sh. Rajneesh Kumar, D.C. Hamirpur was the chief guest.
- Our students team comprising of Arjun Shankar, Debarshi Ray, Rohitashwa Kiran, P.V. Raghvendra Rao & Kumar Ashutosh represented NIT Hamirpur at Techfest’06 at IIT Bombay’s annual technical festival.
- Sachin S. Patil of 4th year B.Arch. and Riyan Habeeb of 3rd year B.Arch were awarded with special mention prize in “COGNIZANCE ‘06” held at IIT Roorkee for their presentation on the topic “Digital Designing and Analysis” on 31st March-2nd April, 06.

Sponsored R&D Projects

(w.e.f. Jan 2006)

- Department of Civil Engineering has been awarded a research project on “Rural Roads Pavement Performance Study” by National Rural Road Development Agency, Govt. of India, worth Rs 10 lacs.
- Department of Electronics & Communication Engg. has received a project on “Special Manpower Development Programme for VLSI Design & Related Software (SMDP) for a period of 5 years from the Department of Information Technology, Govt. of India, New Delhi.

Consultancy /Extensional Projects

(w.e.f. Jan 2006)

- Department of Civil Engineering “**Traffic Census Survey for National Highways in H.P.**” Sanctioned by Ministry of Road Transport and Highways, Govt. of India, New Delhi (13 Lacs).
- Department of Civil Engineering “**Capacity Building of Field Engineers in Earthquake Engg.**” Sanctioned by Ministry of Home Affairs, Govt. of India, New Delhi (4.54 Lacs).
- Department of Civil Engineering “**Retrofitting of Lifeline Buildings in Himachal Pradesh**” Sanctioned by European Commission through a NGO called SEEDS (1.5 lacs).
- Department of Civil Engineering “**Training of H.P. State Engineers in PMGSY Documentation and Surveys**” Sanctioned by National Rural Road Development Agency, New Delhi (10 Lacs).

Conference/ Seminar/Workshop/ Course attended

(w.e.f. Jan 2006)

- **Dr. Pardeep Kumar**, AP CED, attended a National Conference on “**Advances in Bridge Engineering**” during March 24-25, 2006 at IIT Roorkee, and presented two papers entitled "Structural Health Monitoring and Assessment of Masonry Arch Bridges" and "Artificial Neural Network - A tool for Load Rating of Masonry Arch Bridges".
- **Ar. Minakshi Jain**, AP and Head Arch Deptt, and **Ar. I.P. Singh**, AP Arch Deptt, attended a Workshop on “**Minimum Standards for the Architectural Education**” at CEPT University, Ahmedabad during 13-14 February 2006.
- **Dr. Piar Chand**, Ap & Head App. Sci. Deptt, and **Sh. Yogesh Gupta**, Lecturer (S.G.) Appli. Sci Deptt., attended a seminar on “**The Higher Education Summit: Private Higher Education Opportunities and Challenges**” during 23-24 March 2006 at New Delhi.
- **Dr. Umesh Sharma**, AP CED, attended a workshop on “**Bharat Nirman: Goals and Readiness**” at NRRDA Chandigarh from 18-19 April 2006.
- **Mr. Vinod Kapoor**, AP & Head E&CE Deptt., and **Dr. Lalit Awasthi**, Prof. & Head CSE Deptt., attended 1st **ZOPP workshop** at Chennai during 3-5 February 2006.
- **Mr. Vinod Kapoor**, AP & Head E&CE Deptt., attended a workshop on “**The Right to Information Act-2006**” held on 28-29 April, 2006 at National Institute of Public Administration, Bangalore.
- **Dr. Raman Parti**, Prof. CED, attended a conference on “Alternate Technologies for Public Transport” at New Delhi from 21-23 March, 2006.
- **Dr. Anoop Kumar**, AP MED, attended a Course on “**Industrial Application of Computational Fluid Dynamics**” at IIT Bombay during 1-6 May, 2006.
- **Dr. A.S. Singha**, Prof., Applied Science Deptt., presented paper on “Applications of Zeolites as Catalysts in Hydrocarbon Industry” from 07-03-2006 to 10-03-2006 at New Delhi.
- **Dr. B.S. Kaith**, AP, Applied Science Deptt., presented paper on “Contamination of Soil with Hydrocarbons and Remedial Measures” from 07-03-2006 to 10-03-2006 at New Delhi.
- **Dr. Kuldeep kumar Sharma**, Lecturer Applied Science Deptt, attended a refresher course on “Computational Physics” from 10-03-2006 to 30-03-2006 at ASC of HP University Shimla.
- **Dr.(Mrs.) Saroj Thakur**, Lectrer(SG) Applied Science Deptt., attended a National Seminar on “Prevention and Redressal of Sexual Harassment at Workplace” from 26-05-2006 to 27-05-2006 at Bangalore.

Workshop on IPR

A workshop on “**Intellectual Property Rights**” was organized on 6th May, 2006 jointly with our Networking partner NIT Kurukshetra at NIT Hamirpur. Forty five faculty members of our institute including three from local polytechnic attended the workshop.

International Visits

(w.e.f. Jan 2006)

- **Prof. Rakesh Sehgal**, visited Unna, Germany from 4th to 11th February, 2006 in connection with the pre-dispatch inspection of Lathe Tool Dynamometer being supplied by Telc Germany.
- **Dr. Umesh Sharma**, AP CED, presented a paper on “Performance Based Design of Confinement Reinforcement for RCC Columns” at 9th International Conference on “Concrete and Structural Engineering” held from 9-11 May 2006 at Kuala Lumpur, Malaysia.

Institute Library

- A team of faculty members visited world book fair held at New Delhi on 04.02.06 and Books & L.R's Exhibition held at Bal Bhavan New Delhi on 05.02.06. The books amounting to Rs12.5lacs were ordered there. During Feb06 and March06, 854 books and 3 CDs amounting to Rs10.23lacs are procured in the library.
- Library automation software “Libsys” has been installed on Red hat linux server during the month of March-2006.

Forthcoming Events

- Short Term Course on VLSI Design and Optimization Techniques (5-9 June, 2006)
- Short Term Course on Small Hydro Power (12-16 June, 2006)
- Short Term Course on Computational Fluid Dynamics and Heat Transfer (26-30 June, 2006)
- Short Term Course on Emerging Techniques in Power System Operation and Control (3-7 July, 2006)
- National Conference on Technology for Disaster Mitigation (29-30 September 2006)
- National Conference on Recent Developments and Future Trends in Mechanical Engineering (3-4 November 2006).
- Short Term Course on Mobile Computing (18-22 December, 2006)
- Short Term Course on Planning for Built Environment in Hill Region (26-30 December, 2006).
- Short Term Course on Capacity Building of Engineers in Earthquake Engineering (5-16 June 2006).
- Community Services Course on Maintenance and Repair of Electrical Appliances (29th May – 2nd June 2006)
- Community Services Course on Developing Entrepreneurship & Capacity Building (5-9 June 2006).

(For Internal Circulation Only)

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