

# NEWSLETTER

Volume-8 No.1



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## 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.

## Inside this issue....

- \*From Director's Desk
- \*Annual Tec-fest NIMBUS-2013
- \*Annual Athletic Meet-2013
- \*Ceremonies, Celebrations and MOUs
  - Republic Celebrations
  - MOUs with various Organizations
- \*Publications in International Journals of Repute

- \*Publications in International/National Conferences
- \*Foreign Visits & Programmes Attended
- \*Awards, Recognitions & Milestones Achieved
- \*Conferences/Workshop/STCs Conducted
- \*Expert Lectures Delivered
- \*Upcoming Events

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NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR (H.P.)

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## *From Director's Desk*



**Prof. Rajnish Shrivastava**

We all are well versed with this fact that technology is visualized to play a pivotal role in sustainable socio-economic development of any country. Effective and efficient utilization of resources add to growth, prosperity and greatness of any country. Development and Disaster are nourished in the lap of academicians and so it is the need of the hour that academicians put their efforts with full integrity in the interest of Mother India. From dawn to dusk, I dream of our academicians deriving unparalleled teaching methodologies which can evolve our education system into a landmark system with global acceptance. The twenty eight hundred years ago Takshshila era is again awaited when the educational practices evolved here in our country would be followed throughout the world without any trace of doubt and hesitation.

I strive to see this tranquil institute moving on a path of excellence year after year. The thrust on quality of education and research of this NIT should be recognized not only across the nation but beyond the boundaries of this nation. This is possible if we seriously focus on International Engineering alliance and become part of international agreements governing mutual recognition of engineering qualifications and professional competence.

This newsletter which is now in your hands depicts the exuberant efforts made by the students and Faculty colleagues which in turn reflect their progression towards transforming this dream to a reality.

I wish to express again that the message contained is not only limited to N.I.T Hamirpur but to all educational Institutes who aspire to become a part of that awaited era referred in the previous lines.

*With all Good Wishes*

***Prof Rajnish Shrivastava***



## Annual Tec-fest NIMBUS-2013



The annual technical festival of NIT Hamirpur was organized from 4<sup>th</sup> - 6<sup>th</sup> April 2013. NIMBUS is a three days grand event encompassing a multitude of technical activities which help students learn better. At the commencement of this exceptional journey, we were joined by Prof. Sunil Pandey, Director SLIET Longowal as Chief Guest. The Occasion was presided over by Prof. Rajnish Shrivastava, Director NIT Hamirpur and various other distinguished guests. The three days of technical potpourri was accompanied by recreational activities like Sky Lanterns, Laser Show and DJ Night. The students' participation from within and outside the Institute was immense which made the event a huge success. The valedictory ceremony was presided over by Prof. Rajnish Shrivastava, Director NIT Hamirpur, where the winners of various competitions were rewarded. The success of the event not only brings learning and pride, but also decorates the immense efforts of the students and the teachers of NIT Hamirpur.

## Annual Athletic Meet-2013

Annual athletic meet cum prize distribution function was organized in the sports complex on 22<sup>nd</sup>-23<sup>rd</sup> March 2013. Chief Guest Prof. Rajnish Shrivastava, Director NIT Hamirpur while addressing to the gathering, highlighted the importance of sports to the students. Dean Student's welfare Professor Raman Parti and Sports coordinator Prof. Surinder Kumar Soni in their speeches highlighted the achievements made by students throughout the year. During two days function, various athletic events like 100m, 200m, 400m, 800m, 1500m & 5000m, long jump, high jump, triple jump, shot put, discus throw etc., were organized.



## Ceremonies, Celebrations and MOUs

### Ustad Kamal Sabri performs at NIT Hamirpur

On the evening of 18<sup>th</sup> January 2013, the beautiful campus of NIT Hamirpur got itself drenched in the musical extravaganza, organized by SPIC-MACAY, NIT HAMIRPUR chapter, in the benign presence of Ustad Kamal Sabri, a renowned Sarangi maestro, Sukhmay Banerjee, a Sarangi player. Lighting of the holy lamp by the Director Prof. Rajnish Shrivastava, Sh. Jagat Ram, SP Hamirpur, Dr. Raman Parti, Dean S & AA along with faculty coordinator Dr. Gargi Khanna, marked the beginning of the auspicious evening, with an approximate participation of about 500 audiences.



### Republic Day Celebrations

The 64<sup>th</sup> Republic Day of our great country was celebrated with great zeal on 26<sup>th</sup> January 2013. Professor Rajnish Shrivastava unfolded the national flag and a parade was also organized by NCC wing of the institute. The enthralling ceremony concluded with cultural program organized by students of NIT Hamirpur.

### MoUs with various Organizations

NIT Hamirpur signed a **Memorandum of Understanding (MOU)** with National Institute of Secondary Steel Technology (NISST) on 7<sup>th</sup> February 2013. At this occasion Professor Rajnish Shrivastava, Director NIT Hamirpur, Er. T.P Bagchi, Director NISST represented their respective Institutes. Prof. Rakesh Sehgal, Prof. Vinod Kapoor and Prof Rajesh Sharma were witness to this landmark moment of collaboration and symbiotic fervor.



NIT Hamirpur signed a **Memorandum of Understanding (MOU)** with Central tool room Ludhiana on 5<sup>th</sup> March 2013. At this occasion Professor Rajnish Shrivastava, Director NIT Hamirpur, Er. A.P Sharma, General manager CTR Ludhiana represented their respective organizations. Prof. Rakesh Sehgal, Prof Vinod Kapoor, Prof Rajesh Sharma were witness to this MOU. This tieup will facilitate the students and research scholars to utilize the various state of the art facilities available at Central tool room Ludhiana.



NIT Hamirpur Entered into a **Memorandum of Understanding (MOU)** with Sant Longowal Institute of Engineering and Technology (SLIET) Punjab on 4<sup>th</sup> March 2013. Both the Institutes entered into a new era of mutual cooperation and exchange of scientific and technical information. Professor Rajnish Shrivastava, Director NIT Hamirpur and Prof. Sunil Pandey, Director SLIET Longowal expressed jointly that this MoU will open new Horizons for both the Institutions.





## Publications in International Journals of Repute

S.No	Authors	Title	Journal ( with issue, page no etc.)	Publisher
1	Ankush Vij, S. Gautam, V. Kumar, R. Brajpuriya, Ravi Kumar, N. Singh and K. H. Chae	X-ray absorption spectroscopy and photoluminescence study of rare earth ions doped strontium sulphide phosphors	Applied Surface Science, 264 (2013), pp. 237-241	Elsevier
4	J. P. Singh, G. Dixit, R.C. Srivastava, H.M. Agrawal and Ravi Kumar	Raman and Fourier-transform infrared spectroscopic study of nanosized zinc ferrite irradiated with 200 MeV $Ag^{15+}$ beam	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 107(2013), pp. 326	Elsevier
5	Sacheen Kumar and Jaspreet Kaur	Preparation and characterization of Paliperdone loaded solid lipid nanoparticles	Colloid and Surfaces B: Bio interfaces, 102(2013), pp. 562-568	Elsevier
6	Sacheen Kumar and Jaspreet Kaur	High Melting Lipid Based Approach for Drug Delivery: Solid Lipid Nanoparticles	Material Science and Engineering C, 33(2013), pp. 1842-1852	Elsevier
7	K. Senthilkumar, M. Subramanian, H. Ebisu, M. Tanemura and Y. Fujita	Trapping and Recombination Properties of the Acceptor like $V_{Zn}$ -H Complex Defect in ZnO	J. Phys. Chem. C, 117 (2013), pp. 4299	ACS
8	Amit Yadav & SS Chandel	Tilt Angle optimization to maximize incident solar radiation: A Review	Renewable and Sustainable Energy Reviews, 23(2013) pp.503-513	Elsevier
10	Shagun Thakur, Sushil kumar & Rajesh kumar	Study of Alpha Decay chains of super heavy Nuclei and Magic number beyond $Z=82$ and $N=126$	Brazilian Journal of Physics	Springer
11	Shagun Thakur, Rajesh kumar, K.R. Vijayaraghavan, M. Balasubramaniam	Alpha accompanied ternary Fission of Superheavy Nuclei	International journal of Modern physics E, vol.22 (3) 2013	World scientific
12	Vinod kumar, Yogesh kumar, Rajesh kumar, Dinesh.K.Shukla, S.K.Arora, I.V.Shvet and Ravi Kumar	Structural, magnetic and X- ray absorption studies of $NdCo_{1-x}Ni_xO_3$ ( $0 \leq x \leq 0.5$ )	Journal of applied Physics, vol. 113(4) 2013.	American Institute of Physics (AIP)





13	Shagun Thakur, Sushil kumar & Rajesh kumar	Study of Alpha Decay chains of super heavy Nuclei and Magic number beyond Z=82 and N=126	Brazilian Journal of Physics, April 2013	Springer
15	Rohan Samkaria & Vimal Sharma	Structural dielectric and electrical studies of Mg Al <sub>2-2x</sub> Y <sub>2x</sub> O <sub>4</sub> (X=0.00-0.05) cubic spinel Nano aluminate.	Journal of Electroceramics, April 2013	Springer
17	Subhash Chand, Priyanka Kaushal and Jozef Osvald	Numerical simulation study of Schottky diode characteristics with inverse doped surface layer	Materials Science in Semiconductor Processing, 16(2) 2013, pp.454-460	Elsevier
18	Ashwini Kumar Chandel and P. Srikanth	Inverse S transform based identification of non-linear loads	Arabian Journal for Science and Engineering DOI:10.1007/s13369-013-0577-2	Springer
19	Pandey, U.K. & Benipal, G.S.	“Response of SDOF bilinear elasto-dynamical models of cracked concrete beams for El-Centro earthquake.”	The IES Journal Part A: Civil and structural Engineering, [To be published in Vol. 6(3)]	.....
20	Rakesh Sehgal, Amit Chauhan and Rajesh Kumar Sharma	An experimental investigation of oil film temperatures in elliptical profile journal bearing	Tribology Online, 8, 1 (2013), pp. 1-6.	Japanese Tribology Society
21	Mukund Dutt Sharma, Rakesh Sehgal & Arunil Sharma	Experimental study of machining characteristics of titanium alloy (Ti-6Al-4V)	The Arabian Journal for science and Engineering. DOI:10.1007/s13369-012-0451-7	Springer-Verlag
22	J. N. Sharma, Y.D. Sharma and A.D. Thakur	Disturbance due to pint loads in a piezothermoelastic continuum	Journal of Thermal Stresses, 36 (2013) pp.259-283	Taylor & Francis
24	Ravinder Kumar, Suresh Dhiman	A study of sliding wear behaviors of Al-7075 alloy and Al-7075 hybrid composite by response surface methodology analysis	Materials and Design	Elsevier
25	Sushant Negi, Suresh Dhiman and Rajesh Kumar Sharma	Basics and applications of rapid prototyping medical models	Rapid Prototyping Journal Vol. 20 issue 2(2014)	Emerald
27	Roy, A.S., Ghosh, K.S. and Dasgupta, S.	An investigation into the altered binding mode of green tea polyphenols with human serum albumin on complexation with copper	Journal of Biomolecular Structure and Dynamics (2013), In press	Taylor and Francis



## Publications in International/National Conferences

- ◆ A. K. Sharma, Ankush Vij, S. Kumar, S. P. Lochab, Ravi Kumar, “TL Kinetics study of LiFnanophosphors for high exposure of gamma-rays”, AIP Conference Proceeding 1512 (2013) 356.
- ◆ Sudhir Saralch, Ankur Kalia and Vishal Singh, Mechanical and Tribological Behavior of Graphite/Epoxy Composites, Presented at 'International Conference on Polymers on the Frontiers of Science and Technology (APA-2013)', 21<sup>st</sup>-23<sup>rd</sup> February 2013, Panjab University, Chandigarh, India.
- ◆ Mohit Kumar Sharma and Vishal Singh, Gadolinium doped Cerium Oxide Nanoparticles prepared by Solution Combustion Method, Presented at 'International Conference in Chemistry- Frontiers & Challenges (ICCFC-13)', 2<sup>nd</sup>-3<sup>rd</sup> March 2013 Aligarh Muslim University, Aligarh (U.P.), India
- ◆ Sanjeev Katoch, Rakesh Sehgal and Vishal Singh, Comparative study of the Sliding Wear Behavior of Cryogenically Treated and Conventionally Treated Hot Die Steel Grade AISI-H11, Presented at 3<sup>rd</sup> International Conference on Production and Industrial Engineering CPIE-2013, 29<sup>th</sup>-31<sup>st</sup> March 2013, Dr. B R Ambedkar National Institute of Technology, Jalandhar-144011, India.
- ◆ K. Senthilkumar, M. Subramanian, H. Ebisu, M. Tanemura, and Y. Fujita, Photo-induced EPR Study of Electron Trap in ZnO Nanoparticles, presented at International conference on Recent Trends in Applied Physics & Materials Science held at Govt. College of Engineering and Technology, Bikaner, 1<sup>st</sup>-2<sup>nd</sup> February 2013.
- ◆ Sacheen Kumar and Jaspreet Kaur, “Effect of Surfactant on Temperature Stability of Solid Lipid Nanoparticles Studied by Dynamic Light Scattering” International Conference on Recent Trends in Applied Physics & Material Science, 1<sup>st</sup> - 2<sup>nd</sup> February 2013.
- ◆ Sunil Chamoli and N. S. Thakur, “Heat transfer and fluid flow analysis of perforated baffled roughened solar air heater using CFD simulation”. ICMIE-2013, 17<sup>th</sup> March 2013, Pune.
- ◆ Ranchan Chauhan and N.S Thakur, “Effect of jet diameter on the performance of impinging jet solar air heater”. ICMIE-2013, 17<sup>th</sup> March 2013, Pune.
- ◆ Vivek Prakash Pankaj & Mamta Awasthi “Integrated approach of microalgae towards waste water treatment and biofuel production” in the International conference on Algal Biorefinery: A Potential source of Food, Feed, Biochemicals, Biofuels and Biofertilizers, which held in IIT Kharagpur during 10<sup>th</sup> -12<sup>nd</sup> January 2013.
- ◆ Subhash Chand and Priyanka Kaushal, “Numerical simulation study of barrier inhomogeneities at Schottky contacts” at Advanced Semiconductor Devices and Microsystems, ASDAM 2013, Smolenice Castle, Slovakia.
- ◆ Yogesh Gupta and Vikas Thakur, “Brand Awareness: A Case Study Of Mohan Meakin Limited” 12th International Conference on Global Contemporary Issues, Innovation and Future Challenges, In Business, IT & Management, Jaipur (India), 5<sup>th</sup> -6<sup>th</sup> January 2013, organised by Research Development Association & Research Development Research Foundation, Jaipur, Conference Proceedings, pp-90.
- ◆ Batchu Rajshekhar and Ashwani Kumar Chandel, “Joint Placement of Phasor and Power flow measurements for Observability of Power Systems using differential evolution” in international conference on power energy and control (ICPEC'13) at PSNA College of Engineering & Technology, Dindigul, TN, 6<sup>th</sup>-8<sup>th</sup> February 2013.
- ◆ Manish Vaishnav and B.B Sharma, “Observer Design and Synchronization of fourth order Lorenz stenflo chaotic system” in IEEE SCES-2013, M.N.N.I.T Allahabad (India), 12<sup>nd</sup>-14<sup>th</sup> April 2013, pp.1-6.
- ◆ Mukund Dutt Sharma, Rakesh Sehgal, Experimental study to analyze the dry sliding friction and wear behaviour of titanium alloy (Ti-3Al-2.5V), 3<sup>rd</sup> Intl. Conf. on Production and Industrial Engineering CPIE-2013, 29<sup>th</sup>-31<sup>st</sup> March 2013, NIT Jalandhar (Pb.) India. ID No 0936, pp. 920-925.



- ◆ Rakesh Sehgal, Mukund Dutt Sharma, Effect of Cutting Speed on Cutting Force and Surface Roughness While Turning AISI A2 Tool Steel, 3rd Intl. Conf. on Production and Industrial Engineering CPIE-2013, 29<sup>th</sup>-31<sup>st</sup> March 2013, NIT Jalandhar (Pb.) India.ID No 0937, pp. 926-931.
- ◆ Siddhartha, Ajay Dhryan & Akant Kumar, “Influence of process parameters of centrifugal casting on friction, wear and mechanical characteristics of fly-ash cenosphere epoxy functionally graded materials” in 3rd Intl. Conf. on Production and Industrial Engineering CPIE-2013, 29<sup>th</sup>-31<sup>st</sup> March 2013, NIT Jalandhar (Pb.) India.ID No 0940, pp. 941-953.
- ◆ Manoj Sharma, “Evolution of Higher Education in India: Privatization is need of the day” in UGC sponsored national seminar on higher education in India: need for quality Employability, equity and inclusion at Government Degree College Sujampur (HP) on 9<sup>th</sup> February 2013.

## **Foreign visits & Programmes Attended**

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- ◆ Dr. S. S. Katoch attended India Water Week, 2013- Efficient Water Management “Challenges & Opportunities” during 8<sup>th</sup>-12<sup>th</sup> April 2013, organized by Ministry of Water Resources, Govt. of India at VigyanBhawan, New Delhi 110001.
- ◆ Dr. MamtaAwasthi attended an International Conference on Sustainable Technologies. 18<sup>th</sup>- 20<sup>th</sup> January 2013 Jamia Millia Islamia University, New Delhi.
- ◆ Professor Rakesh Sehgal attended a programme on “Management Capacity Enhancement for Administrators”, 11<sup>th</sup>-15<sup>th</sup> February 2013, IIM Lucknow under TEQIP-II scheme of NIT Hamirpur (H.P.)

## **Awards, Recognitions & milestones Achieved**

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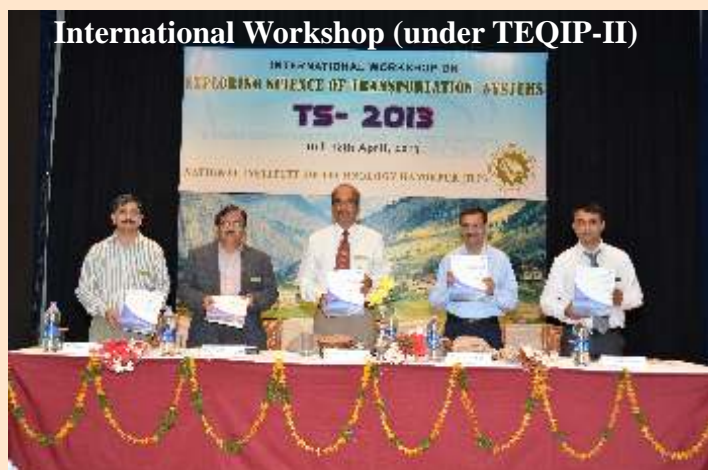
- ◆ Dr. Jaspreet Kaur Randhawa got two major research projects (i) “ Nanostructure Metal Oxide: Application to Biosensing” Funded by Indian council of medical research New Delhi (24 lakhs) (ii) “Novel routes for Nano crystallisation of energetic compounds” funded by ARMREB-DRDO (69 lakhs).
- ◆ A book chapter by Awasthi, M. and Vivek Prakash Pankaj (2013) entitled “The Potential of Biogas Production Through Anaerobic Digestion of Algae” Chapter 7 has been included in: India's Rural Transformation and Development: Issues, Processes and Direction, by Thomas G. Fraser (ed.), ISBN 13-9788192570204, Publisher: DK Printworld (P) Ltd.
- ◆ Professor Rakesh Sehgal chaired a technical session in the International Conference on Production and Industrial Engg. (CPIE 2013) held at NIT, Jalandhar (Punjab.) during 28<sup>th</sup>-31<sup>st</sup> March 2013.
- ◆ Professor J.N Sharma chaired a technical session, International Conference in Mathematical Sciences, Department of Mathematics, Government College Haripur (Manali) HP, 8<sup>th</sup>-9<sup>th</sup> March 2013.
- ◆ Dr. Rajeevan Chandel was Session Chair and Member of National Advisory Committee for 3<sup>rd</sup> National Conference Recent Advances in Electronics & Communication Technology (RAECT-2013), GNDEC Ludhiana, 21<sup>st</sup>-22<sup>nd</sup> March 2013.
- ◆ Dr. Gargi Khanna was Session Chair for 3<sup>rd</sup> National Conference Recent Advances in Electronics & Communication Technology (RAECT-2013), GNDEC Ludhiana, 21<sup>st</sup>-22<sup>nd</sup> March 2013.



## Conferences /Workshops/ STCs Conducted

- ◆ The Technology Information Forecasting and Assessment Council (TIFAC) an autonomous entity under DST-Government of India initiated the program to create center of relevance and Excellence (COREs) in diverse disciplines across the country. The mega project of Rs. 530 Lakhs, TIFAC-CORE in power transformer diagnosis was sanctioned to N.I.T. Hamirpur in 2004. One Day Workshop on “Electric shock, Prevention & First Aid” was organized by Prof. Yog Raj Sood as Coordinator under this project on 24<sup>th</sup> January 2013.
 
- ◆ A National Workshop on “**Engineering Applications for Sustainable Development (EASD-13)**” was organized by Electronics & Communication Engineering department of NIT Hamirpur from 15<sup>th</sup>- 17<sup>th</sup> February 2013, under the aegis of TEQIP-II. The theme of the National Workshop EASD-13 gains significance as human health and well being are the need of the day.
 
- ◆ Two days National Workshop on “Power Generation from Renewable Energy Sources” on 23<sup>rd</sup>-24<sup>th</sup> March 2013 was organized by Centre for Energy and Environment, NIT Hamirpur in collaboration with Ministry of New and Renewable Energy, Govt. of India at NIT Hamirpur. Prof. S. S. Chandel coordinated the entire workshop.
 
- ◆ Department of Electrical engineering organized a work shop on “Virtual Instrumentation using Lab View” on 8<sup>th</sup> - 9<sup>th</sup> April 2013. Dr. Ravinder Nath and Er. Amit Kaul coordinated this workshop. Participants from various Institutes attended the workshop.
- ◆ Department of Computer Science & Engineering organized short term training programme on “Intrusion Detection Tools and techniques for security (IDTTS-2013)” under ISEA project during 21<sup>st</sup>- 25<sup>th</sup> March, 2013. The programme was inaugurated by Prof. Rajnish Shrivastava, Director NIT Hamirpur. Prof. Shrivastava emphasized over the need for having secure ICT infrastructure for any organization. Programme was attended by 29 participants.
- ◆ **First Alumni Meet** of Computer Science & Engineering Department was conducted on 13<sup>th</sup> April 2013. Prof. Rajnish Shrivastava, Director NIT Hamirpur was the Chief Guest of the function. Dr. Kamlesh Dutta, Head of the department extended warm welcome to the alumni, and the dignitaries to the Alumni meet. Prof. Rajnish Shrivastava in his welcome address requested the alumni for their active support and suggestions for the growth and development of the alumni network. He emphasized over the need for strengthening the ties with the alumni for promoting training and placement of students, industry-institute interaction and having joint research programmes. Alumni who graduated from the department over the past twenty four years shared their experiences.
 

- ◆ Computer Science & Engineering Society (C-SEC) of the department organized first departmental technical event “Enigma”, from 10<sup>th</sup> -13<sup>th</sup> April 2013. Various events were organized: workshops on “C for placement” and “wordpress”, Competitions for “GATE exam” and “development of algorithms”; and online competitions on “cryptography”, “debugging of code” and “dynamic web development”. Prof. Rajnish Shrivastava awarded prizes & commendation certificates to winners of various events. Prof. Rajnish Shrivastava appreciated the effort put by the students and emphasized over the need of having such events regularly, so that the students get opportunity to showcase their technical and organizational skills.
- ◆ A course on "Rapid Visual Survey Non Structural Mitigation Measure and Retrofitting of Structure" was organized by Department of Civil Engineering for SSA engineers from 15<sup>th</sup> -17<sup>th</sup> March 2013.
- ◆ A course on "Rapid Visual Survey Non Structural Mitigation Measure and Retrofitting of Structure" was organized by Department of Civil Engineering for SSA engineers from 29<sup>th</sup> -31<sup>st</sup> March 2013.
- ◆ First independent alumni meet of civil engineering students was organized by civil Engineering department on 13<sup>th</sup> April, 2013. 38 Alumni participated in the meet.
- ◆ **First International Workshop** (under TEQIP-II) was conducted by Department of Mechanical Engineering on Exploring Science of Transportation Systems (TS-2013) 11<sup>th</sup> -12<sup>th</sup> April 2013. The workshop was coordinated by – Dr. Somesh Sharma, Dr. Mohit Pant and Dr. Rajesh Sharma.
- ◆ A National Workshop on “Engineering Applications for Sustainable Development (EASD-13) was organized by E&CE Department of NIT Hamirpur from 15<sup>th</sup> -17<sup>th</sup> Feb 2013, under the aegis of TEQIP-II. Prof. Rajnish Shrivastava, Director NIT Hamirpur was the Chief Guest at the inaugural session and apprised the gathering about the importance of such workshops and the role of TEQIP-II in transferring the technology to masses and enhancing awareness of technical knowledge in society during the inaugural session. The key note address delivered by Dr. Kanav Kahol, Director Affordable Health Services of PHFI, New Delhi and Adjunct Faculty, Arizona State University, USA on topics related to “Engineering for Social Development Case-Studies from Public Health” were well appreciated and received by the participants.





## **Expert lectures Delivered**

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- ◆ Er. T.P Bagchi, Director NISST delivered an expert lecture on “Indian steel Industry and metrology of steel making” on 7<sup>th</sup> February 2013 under Industry-Institute initiatives of TEQIP-II at N.I.T hamirpur. About 100 students and many Faculty members benefitted from the practical knowledge shared by Er. T.P Bagchi.
- ◆ Mr. Puneet Sharma, Deputy Manager Eicher-Volvo commercial vehicles India limited, Indore delivered an expert lecture on “Chasis Line installation for Heavy and medium duty commercial vehicles” on 18<sup>th</sup> March 2013 at N.I.T Hamirpur.
- ◆ Prof. S. S. Chandel delivered an expert talk on “Solar and Wind Power Generation Options for Western Himalayan Region” at National Workshop on Renewable Energy, 2<sup>nd</sup> March 2013, Jawaharlal Nehru Govt. Engineering College, Sundernagar, H.P.
- ◆ Dr. Kamlesh Dutta (Assoc.Prof, CSED) delivered expert talk on “Text mining and engineering applications” in FDP organized by NIT Jalandhar during 11<sup>st</sup>-15<sup>th</sup> March 2013.
- ◆ Mr. Abhinandan Handa, Client Technical Professional, IBM Security Systems, delivered an expert lecture on “IBM Network Intrusion Prevention System”, in a short term course on “Introduction to Intrusion detection Systems” during 21<sup>st</sup>-25<sup>th</sup> March 2013.
- ◆ Professor J.N Sharma delivered an expert lecture in National Conference on Recent Advances in Continuum Mechanics under UGC-SAP (DRS-I), Department of Mathematics & Statistics, H P University Shimla– 177005, 29<sup>th</sup>-30<sup>th</sup> March 2013.
- ◆ Prof. K.S Pandey delivered an expert lecture on “Case study of ICT infrastructure of NIT Hamirpur”, in a short term course on “Introduction to Intrusion detection Systems” during 21<sup>st</sup>-25<sup>th</sup> March 2013.
- ◆ Dr. Ravinder Nath delivered an expert lecture on “ Innovations in Measuring Instruments” on 27<sup>th</sup> April 2013 at Career point University, Hamirpur, H.P.
- ◆ Professor J.N Sharma delivered an expert lecture on Mathematical Modelling of elastic structures at Department of Mathematics, Marathwada University, Aurangabad (Maharashtra) on 5<sup>th</sup> April 2013.
- ◆ Prof. J. S. Sahambi, IIT Roopar, delivered expert lectures on Biomedical Image Processing & Wavelets on 17<sup>th</sup> Feb 2013, during the TEQIP-II National Workshop on Engineering Applications for Sustainable Development (EASD-13), E&CED, NIT Hamirpur held from 15<sup>th</sup>-17<sup>th</sup> Feb. 2013.
- ◆ Dr. Manoj Sharma delivered expert lecture at Training Centre S S B Sapri, District Kangra (HP) to officers and constable entitled on Inventory Management and Self-confidence on 9<sup>th</sup> March 2013.

## **Upcoming Activities**

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- ◆ National Conference on “Advances in Civil Engineering Materials” is scheduled to be held on 22<sup>nd</sup>-23<sup>rd</sup> July 2013 at NIT Hamirpur. The conference is focused on advances, their recent experiences and interesting developments in civil engineering materials so as to provide a meaningful answer to India's challenge in the new millennium.
- ◆ National Conference on “Electrical systems and Energy technologies is scheduled to be held on 28<sup>th</sup>-29<sup>th</sup> June 2013 at NIT Hamirpur. The conference is organized in collaboration with the Institution of Engineers (India), H.P. State Centre Shimla and is focused on challenges in the domain of electrical engineering and associated technologies.





- ◆ The 6<sup>th</sup> Convocation of National Institute of Technology, Hamirpur, is scheduled to be held on 13<sup>th</sup> June 2013. At this esteemed occasion, **Padma Vibhushan Padma Shri Dr. R. Chidambaram, Principal Scientific Advisor to Govt. of India** and an eminent Nuclear Scientist of our country has kindly consented to deliver the convocation address to the degree recipients. NIT Hamirpur looks forward to have this great persona at its campus when he arrives here in June.



### Talk by Industry expert under TEQIP-II



#### EDITORIAL BOARD:

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Editor	: Dr. Siddhartha
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