



National Institute of Technical Teachers Training and Research, Chandigarh

Vol. 7, No. 4
Oct-Dec. 2016

Newsletter

17TH NCPEDP-MINDTREE HELEN KELLER AWARDS 2016



Prof. J.S. Saini, Head, Information Management and Coordination Department and Prof. In-charge, Centre for Physically Challenged Persons of the Institute has been conferred "17th NCPEDP-Mindtree Helen Keller Awards 2016" for being the role model supporter of increased employment opportunities for the disabled people over an extended period of time. The award ceremony was held in New Delhi on 2nd December 2016. His following contributions earned him this award.

- ▶ Operationalising Centrally Sponsored Scheme for Mainstreaming Persons with Disabilities in Technical and Vocational Education in 50 polytechnics across the country since 2001.
- ▶ Being instrumental in making the benefit of technical and vocational education reach to approximately 8000 persons with disabilities through polytechnic diploma level programmes and approximately 25000 disabled persons through 3-6 month duration vocational training programmes.
- ▶ Making tremendous contribution to the employment/self-employment of disabled people through 16 Job Fairs and setting up of a Vocational Training Centre for the persons with disabilities at NITTTR, Chandigarh which has, till date, resulted in placement of 400 persons with disabilities in reputed organizations.
- ▶ Being instrumental in instituting Four-Year Special Diploma and Two-Year Advanced Special Diploma in Fine Arts for the deaf at Government College of Art, Chandigarh.
- ▶ Organising Fourth National Abilympics at Chandigarh during 2014 and taking forward International Abilympics Movement.
- ▶ Providing disability sector related inputs to governments at Central & State Level and NGOs in northern region.
- ▶ Acting as a disability activist.

POSTER COMPETITION ON SWACHH BHARAT ABHIYAN

As a part of Golden Jubilee Celebration of the institute and an initiative of Government of India a Poster Competition for school children on Swachh Bharat Abhiyan was organised on 16 November, 2016 at NITTTR, Chandigarh.

The main objective of the Poster Competition was to create an awareness amongst the students and teachers of schools in Chandigarh about the Swachh Bharat Abhiyan Programme launched by Govt of India.

The following were the sub-themes of the Poster Competition:

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| i. स्वस्थकर जीवन के लिए शौचालय का उपयोग | Use of Toilets for Healthy Living |
| ii. शुद्ध पेयजल का महत्व | Importance of Safe Drinking Water |
| iii. प्रदूषण और बीमारियां | Pollution and Diseases |
| iv. शहर में ठोस कूड़े-कचरे का प्रबंधन | Solid Waste Management in City |
| v. गाँव में ठोस कूड़े-कचरे का प्रबंधन | Solid Waste Management in Village |

- vi. स्वच्छता ही उत्तम जीवन शैली है
- vii. नालियों की सफाई एवं प्रबंधन
- viii. स्वच्छता एवं स्वास्थ्य

Cleanliness is a Way of Life
 Drainage and its Management
 Sanitation and Health

The participants of Golden Jubilee Poster Competition were categorized into following groups:

- (i) Students of Class V to VII
- (ii) Students of Class VIII to X
- (iii) Students of Class 10+1 & 10+2
- (iv) Divyang (Disabled) categories of students in all categories mentioned above.

A total of 311 students and 51 teachers from various schools situated in Chandigarh participated in the Golden Jubilee Poster Competition.

Award winning posters made by the students are shown below:

AWARD WINNING POSTERS MADE BY THE STUDENTS



Dr. MP Poonia, Director, NITTR, Chandigarh giving away Awards to Students from Sulabh International School, New Delhi



Dr. PS Yadav, Director, HIRD, Nilokheri Awarding IInd Prize to Student of Class VII in Divyang Category

During his inaugural address, Dr. MP Poonia, Director, NITTR, Chandigarh highlighted various problems related to insanitary conditions and pollution in villages and cities in India. Dr. UN Roy, Professor and Head, Rural Development Department, highlighted various schemes of Govt of India related to drinking water and sanitation.

Dr. Suman Mor, Chief Guest of the programme highlighted various issues of solid waste management and various diseases occurred due to poor sanitary conditions and contaminated drinking water.

Dr. JS Saini, Professor, Rural Development and Head, IMCO, highlighted as to how the institute has been working for the skill development and employment of disabled students (divyang) through Tech Mahindra supported Smart Centre for the Vocational Training of Persons with Disabilities, which is operational at NITTR, Chandigarh. Dr. Pawan Singh Yadav, Director, Haryana Institute of Rural Development, Nilokheri was the Chief Guest during the valedictory ceremony. In his valedictory address, Dr. Yadav highlighted the importance of sanitation and sanitary practices.

INTERNATIONAL CONFERENCE ON INTERDISCIPLINARY RESEARCH FOR SUSTAINABLE DEVELOPMENT (IRSD 2016)

An International Conference on Interdisciplinary Research for Sustainable Development (IRSD 2016) was organized by Department of Computer Science and Engineering, NITTTR Chandigarh and Green ThinkerZ Society in association with Spoken Tutorial Project, IIT Bombay on 1 - 2 December 2016 at NITTTR Chandigarh. The conference was technically sponsored by International Institute of Organized Research (IIOR), India and the conference proceedings have been published as a special issue of International Journal of Research in Electronics and Computer Engineering (IJRECE) and The Research Journal (TRJ) which are highly indexed with ONLINE as well as PRINT ISSN.



Release of Conference Proceedings

The core theme of the Conference was Sustainable Development through Interdisciplinary Research with a Special Track on Free and Open Source Software (FOSS) powered by Spoken Tutorial Project, IIT Bombay. A Galaxy of Academicians from different research domain were present for a reviving and thought-provoking power-packed day at NITTTR, Chandigarh, India. A wide range of topics were covered during the conference which were beneficial to both industry and academia.

All the logistics support for the conference was provided by the Team of Green ThinkerZ Society which is a society active in the field of Social and Environmental Sustainability. More than 100 abstracts were received for paper presentations, but only 55 got selected for presentation and possible publication in the conference proceedings.

PAPERS PRESENTED IN INTERNATIONAL CONFERENCES

1. Dr. Rajesh Mehra, Associate Professor, Electronics & Communication Engineering Department presented paper on **Prototype Design of Computationally Efficient Digital Down Converter for 3 G Applications** in 10th International Conference on "Advanced Engineering Computing and Applications in Sciences" from 09-13 October, 2016 at Venice, Italy.
2. Dr. SS Banwait, Professor & Head, Mechanical Engineering Department presented paper on **Optimization of Spur Gear Design for Defect Minimization: A Case Study** in 30th International Conference on "Advances and Trends in Engineering Materials and their Applications" from 10-14 October, 2016 at Ottawa, Canada.
3. Dr. Rakesh Wats, Professor & Head, Media Centre presented paper on **Impact of Residential Building Towers on the Ambient Air in Periurban Areas of Chandigarh UT India** in 67th International Conference on "Science, Technology Engineering and Management (ISTEM)" from 15-16 October, 2016 at New York, USA.
4. Dr. Poonam Syal, Associate Professor, Electrical Engineering Department presented paper on **Energy Conservation Opportunities in Institutional Buildings – A Case Study in India** in "IEEE International Conference" from 21-23 October, 2016 at Shanghai, China.
5. Dr. Sukhdeep Singh Dhama, Professor, Mechanical Engineering Department presented paper on **Hybrid Controller for Position Control of a Pneumatic Actuator under Variable Loading Conditions** in International Conference on "Mechatronics and Mechanical Engineering (ICMME 2016)" from 21-23 October, 2016 at Shanghai, China.
6. Dr. Jasmer Singh Saini, Professor & Head, IMCO presented paper on **Inclusive Education System in Chandigarh** in International Conference on "Education, Psychology and Society" from 14-16 December, 2016 at Hong Kong.

VISIT ABROAD

Dr. SK Dhameja, Dean Academics and International Affairs visited Taiwan from 06-08 November, 2016 for exploring collaborations with different universities of Taiwan with NITTTR, Chandigarh for the course work/project work of M.Tech students of the institute. The visit was a part of Indo-Taiwanese collaboration for training of Indian students in Taiwan.

BLOOD DONATION CAMP



Blood Donation Camp was organized in the institute on 22.11.2016 in collaboration with Blood Bank Society, PGI Chandigarh. HDFC Bank sponsored the camp by providing banners/posters and refreshments. A total of 60 donors (faculty, staff and students) from the institute and nearby institutes donated blood on this occasion. All the donors were issued certificates by the Blood Bank Society, PGI, Chandigarh as well as by the HDFC Bank.

Training Programmes conducted during October-December, 2016

Particulars	Number of Programmes	Number of Teachers Trained
Contact Mode	37	552
ICT Mode	13	2920



TRAINING ATTENDED

24 Non-teaching staff members attended four days unit based programme on "Productivity/Efficiency, Improvement and Ergonomics" from 26-29 December, 2016 at National Institute of Industrial Engineering, Mumbai.



Articles and news items regarding innovative projects in technical education are invited from teachers, administrators and others concerned with technical education in the states and centre

