



Inside...

2

Major Achievements
Oct - Dec 2013

3

Forthcoming Events

4

Miscellaneous

NATIONAL AWARD FOR THE EMPOWERMENT OF PERSONS WITH DISABILITIES - 2013

INSTITUTE'S JOURNEY FROM COMMENCEMENT OF DISABILITY RELATED INITIATIVES TO WINNING OF THE NATIONAL AWARD

During the year 1999-2000, Ministry of Human Resource Development, Govt. of India conceived an idea of starting a scheme titled "Integrating Persons With Disabilities in the Mainstream of Technical and Vocational Education" in 50 identified polytechnics in the country. The four NITTTRs in the country were assigned the responsibility for effective implementation of the scheme in the country. Under the scheme, there is a provision of admitting 25 persons with disabilities [PWDs] in each polytechnic under formal programmes and training of 100 PWDs per polytechnics per annum through non-formal skill development programmes. NITTTR, Chandigarh did the promotional work for the scheme and has been acting as a resource institute for effective implementation of the scheme since 2000-01.



Dr. M P Poonia receiving 'Best Institution Award' from Hon'ble President, Government of India



Group photograph of awardee institutions/individuals/NGOs with the Hon'ble President

Details of work done by the Institution since inception of the Scheme in 2001

- (i) Assisted states to make PWD Scheme fully functional in 15 project polytechnics in northern region.
- (ii) Instrumental in admitting 2,575 students (PWDs) in formal programs and training of 8,716 students under non-formal programs under the PWD projects in 8 States and one Union Territory of northern region
- (iii) Organised 17 STCs, 13 Annual Review-cum-Operational Plan Preparation Workshops for PWD project functionaries and NGOs in 8 States and 1 Union Territory and 4 National conferences/seminars on the issues related to disability.
- (iv) Conducted 12 research studies in the area of disability.
- (v) Developed 11 video films on disability.
- (vi) Published 2 books on disability.
- (vii) Organized 11 Job Fairs for the PWDs since April, 2010. 234 PWDs were selected by a number companies.
- (viii) Setting up of "Disability Information Line" [DIL] for the entire population of the disabled in Punjab Telecom Circle under the sponsorship of Ali Yavar Jung National Institute for the Hearing Handicapped, Mumbai. This facility is being utilized by persons with disabilities and their families.
- (ix) Cooperating and supporting the activities of the Institute for the Blind, Chandigarh on a regular basis.

Major Achievements (October - December 2013)

Contd. from page 1

- (x) Took initiative in the year 2002 to get a 4-Year Diploma in Fine Art for the Deaf/Mentally Challenged Persons started at Govt. College of Art, Chandigarh which is affiliated to Panjab University, Chandigarh and also got provision made for admitting four deaf/mentally challenged students in the Advanced Special Diploma of two years duration being offered at Government College of Art, Sector 10, Chandigarh.
- (xi) Celebration of International Day for the Disabled, Organising Exhibitions, Samman Divas and Braille Day from time to time to generate awareness about the rights of the persons with disabilities and recognition of their contribution.
- (xii) Collaboration with Confederation of Indian Industry [CII], Chandigarh; Vocational Rehabilitation Centre [VRC], Ludhiana; and Sarthak Educational Trust, New Delhi for promotion of employment of the PWDs.
- (xiii) **Organisation of National Abilympics:** The institute has taken the responsibility of organising the National Abilympics during September/October, 2014. This event aims at enhancing vocational skills of PWDs. About 400-450 contestants, 100-150 escorts and 40-50 experts and organisers shall take part in this national event to be held in northern India for the first time.



The Institute was bestowed upon National Award 'Best Institution Working for the Cause of Persons with Disabilities – 2013'.

The National Awards was conferred by the Hon'ble President of India on 3rd December every year on the 'International Day of Persons with Disabilities' on outstanding Persons with Disabilities and individuals and organizations that are working for the empowerment of persons with disabilities.



Dignitaries on the dias during inaugural session

National Conference on Dynamics of Entrepreneurship Development

The 18th Annual EDIC National Conference on 'Dynamics of Entrepreneurship Development' was organized at NITTTR Chandigarh from 21-22 November, 2013. The major objective of this conference was to bring policy makers, researchers, academicians and entrepreneurs on a common platform to discuss the current issues and challenges for promoting entrepreneurship. The conference was attended by 63 delegates from across the country. In all 20 paper presentations were made in three different technical sessions. As an outcome of the conference, recommendations have been formulated which are being circulated to different organisations for implementing at their end.

AICTE SPONSORED WINTER SCHOOL ON "CLOUD COMPUTING" | 11-22 NOVEMBER, 2013 | ORGANIZED BY NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH, CHANDIGARH



The Department of Computer Science and Engg. conducted an AICTE sponsored Winter School on "Cloud Computing" from 11 Nov, 2013 to 22 Nov, 2013. A total of 31 participants from all over the country participated in the winter school. The topics covered broadly were Overview of cloud computing, Google App Engine, Hypervisors and Xen Cloud, Demo of IaaS, PaaS and SaaS, Cloud Storage, Big Data Analysis, NO SQL Databases, Architecting Software for Cloud Platforms, Security Issues in Cloud, Scheduling in Cloud, Simulation using CloudSim, Mobile Cloud Computing and Application Development using Android.

Training programmes conducted during Oct-Dec, 2013		
Particulars	Number of Programmes	Number of Participants
Polytechnics	48	693
Engineering Colleges	31	974
Induction Training Programmes through ICT	06	287

Forthcoming Events (January-March, 2014)

POLYTECHNICS

1. Personality Development for Faculty, 13-17 Jan
2. Mechatronics, 13-17 Jan
3. Nuclear Energy and Power Options 20-24, Jan
4. Low Cost Housing Technique and Practices, 20-24 Jan
5. Latex Programming, 20-24 Jan
6. Institutional Management, 20-24 Jan
7. PCB Design, Fabrication and Testing, 20-24 Jan
8. Internal Resource Generation: Concept and Strategy, 20-24 Jan
9. Modeling and Simulation Using MATLAB 20-24, Jan
10. Microwave and Antenna Laboratory Experiments, 20-24 Jan
11. Control of Motors and Electric Drives, 27-31 Jan
12. Cyber Crime and Forensic Tools through ICT, 27-31 Jan
13. Communication Skills for Effecting Curriculum Implementation, 27-31 Jan
14. PHP and my SQL 03-07, Feb
15. Project Planning, Execution and Evaluation, 03-07 Feb
16. Personality Development for Faculty, 03-07 Feb, GP Ambala City
17. Micro Controller Interfacing and Its Applications, 03-07 Feb
18. Induction Training Programme through ICT, 03-07 Feb
19. Beekeeping, 03-07 Feb
20. Design Using E-tab (Software), 10-14 Feb
21. Project Management and Project Report Preparation, 10-14 Feb
22. Digital Library Management, 10-14 Feb
23. Laser Science and Technology, 10-14 Feb
24. Alternate Energy Resources through ICT, 10-14 Feb
25. Career Opportunities for the Persons with Disabilities, 10-14 Feb
26. Cyber Crime and Forensic Tools, 10-21 Feb, BPI Delhi
27. Power Supply Design, Fabrication and Testing, 10-21 Feb
28. Modern Office Management for Staff of Polytechnics, 17-21 Feb
29. Recent Trends in Automobile Engineering, 17-21 Feb
30. Faculty Development : Planning and Management, 17-21 Feb
31. Induction Training Programme through ICT, 17-21 Feb
32. Induction Training Programme through ICT, 24-28 Feb
33. Laboratory Practices in Applied Physics, 24-28 Feb
34. Content Management System, 24-28 Feb
35. Academic Leadership, 24-28 Feb
36. Entrepreneurial Awareness Camp, 03-05 Mar, GPW CHD
37. Mobile Adhoc Network, 03-07 Mar
38. Personality Development for Staff of Polytechnics, 03-07 Mar
39. Environmental Engineering through ICT, 03-07 Mar
40. Mechanical Measurements, 03-07 Mar
41. Communication Skills, 10-14 Mar
42. Computer Network using CCNA, 10-14 Mar
43. MATLAB Based Advanced DSP, 10-14 Mar
44. Stress Management, 10-14 Mar
45. VLSI through ICT, 10-14 Mar
46. Optical Fibers and Their Applications, 10-21 Mar
47. Animation Graphics and Multimedia, 17-21 Mar NITTTR CHD/ Outstation
48. Achieving Managerial Excellence, 17-21 Mar
49. Free Open Source Application Software, 17-21 Mar
50. Induction Training Programme through ICT, 17-21 Mar
51. Induction Training Programme through, 24-28 Mar
52. Introduction to Embedded System, 24-28 Mar
53. GSM to 3G, 24-28 Mar
54. Cyber Security Measures through ICT, 24-28 Mar

ENGINEERING COLLEGES

1. Personality Development, 13-17 Jan
2. Mechatronics, 13-17 Jan
3. Nuclear Energy and Power Options, 20-24 Jan
4. Latex Programming, 20-24 Jan
5. PCB Design, Fabrication and Testing, 20-24 Jan
6. Modeling and Simulation Using MATLAB , 20-24 Jan
7. Effective Teaching and Classroom Communication, 20-31 Jan UPTTI, Kanpur
8. Control of Motors and Electric Drives, 27-31 Jan
9. Cyber Crime and Forensic Tools, 27-31 Jan
10. Concrete Mix Design-New Developments, 03-07 Feb
11. PHP and my SQL, 03-07 Feb
12. Micro Controller Interfacing and Its Applications, 03-07 Feb
13. Advanced VLSI Design, 03-07 Feb
14. Digital Library Management, 10-14 Feb
15. Laser Science and Technology, 10-14 Feb
16. Wireless Computer Networks, 10-21 Feb
17. Power Supply Design, Fabrication and Testing, 10-21 Feb
18. Soft Computing Techniques Using MATLAB, 17-21 Feb
19. Modern Construction Equipment and Construction Practices and Management, 17-21 Feb
20. Recent Trends in Automobile Engineering, 17-21 Feb
21. Faculty Development: Planning and Management, 17-21 Feb
22. Content Management System, 24-28 Feb
23. Ann and Optimization Techniques and their Applications Using Sci-Lab, 24-28 Feb NITTTR CHD/ Outstation
24. Environment Engineering and Management, 03-07 Mar
25. Mobile Adhoc Network, 03-07 Mar
26. 3G Communication, 03-07 Mar
27. Open Source Technology, 03-07 March, 2014
28. Soil Structure Interaction, 10-14 Mar
29. Computer Network using CCNA, 10-14 Mar
30. Stress Management, 10-14 Mar
31. Engineering Optimization, 10-14 Mar
32. Optical Fibers and Their Applications, 10-21 Mar
33. Free Open Source Application Software, 17-21 Mar
34. Achieving Managerial Excellence, 17-21 Mar
35. Cyber Security Measures, 24-28 Mar
36. 4G Technology, 24-28 Mar, GEC Ajmer

1. **National Conference on Sustainable Infrastructure Development (NCSID) March 13-14, 2014**

2. **International Conference on Information and Network Technology, 18-19 March, 2014**

Note : The above programmes will be conducted at NITTTR, Chandigarh unless otherwise stated.

For details please visit our institute website : www.nitttrchd.ac.in



Workshop on Building Knowledge for Adaptation to Climate Change-Exploring Policy Options for Urban Planning in Response to Climate Change

A Workshop on Building Knowledge for Adaptation to Climate Change- Exploring Policy Options for Urban Planning in Response to Climate Change was organized by Civil Engineering Department and Environment Matters, a NGO on 7 Dec 2013. The workshop was inaugurated by Sh. Vivek Pratap Singh, IAS, Commissioner, Municipal Corporation, Chandigarh. He shared that seemingly small shifts in temperature and rainfall could lead to significant changes in the environment. The workshop had two sessions of Panel Discussion : (I) Need to amend byelaws/standards to adapt to climate change and (II) Can Environment Impact Assessment be an effective tool in mitigating climate change impacts and adaptation. The workshop was attended by scientists from Central and State Pollution Control Boards, Architects, Municipal Engineers, ISPER, Panchkula; School Teachers working on Environmental issues, Builders and Experts from Engineering Colleges in the region. It was supported by Ministry of Environment & Forests (EE-Division), Government of India and Environment Department, Chandigarh.



Inaugural ceremony of the programme

In-country programme on 'Strategic Planning of TVET Institutions'

An In-country programme on 'Strategic Planning of TVET Institution's was organized by CPSC, Manila in Dhaka, Bangladesh from 9 – 13 November, 2013. This programme was coordinated by Dr.S.K. Dhameja, Professor and Head, Entrepreneurship Development and Industrial Coordination Department of NITTTR Chandigarh, who also acted as Chief Resource Person of this programme. The programme was attended by 43 participants which comprised of Principals, Vice Principals, Senior Faculty Members from the TVET institutions and officials from Directorate of Technical Education and Bangladesh Technical Education Board. As a part of this programme, a half day national seminar on 'Strategic Planning of TVET in Bangladesh' was also organized on 12th November, 2013. 84 delegates from Bangladesh participated in this national seminar.

Pedagogical Training under TEQIP- II



Dr. MP Poonia, Director, NITTTR, Chandigarh addressing the participants

Four Short Term Courses on Pedagogical Training (Module-1) under TEQIP-II for the faculty of Technical Institutions from Andhra Pradesh were conducted by Education and Educational Management Department at NITTTR, Chandigarh during the period September-December 2013. 120 teachers participated in these programmes.

Digital Signal Processing

Dr. SBL Sachan, Prof. & Head, E&CE and Electronics Service Centre has presented a Research Paper on "International Perspective on Digital Signal Processing" in 12th WSEAS International Conference held at Morgan State University, Baltimore MD, USA from 17.09.2013 to 19.09.2013



Mrs. Maya Devi superannuated as MSA on 30.11.2013
Shri Amarjit Singh superannuated as MSA on 31.12.2013