



National Institute of Technical Teachers Training and Research, Chandigarh

Volume 13, No. 4
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Newsletter

Message from Professor SS Pattnaik, Director



Welcome to Institute Newsletter! It brings us tremendous pride and joy to come up with new improvements and advancements. The present issue acts as a springboard for the institute family; faculty, staff, FDP participants & ME/Ph.D. scholars' innate creativity to grow in all areas. The quarter has witnessed a number of activities like FDPs, Seminars, Celebration of Important Days, MoUs, Cultural Activities, etc. organized by various departments. The institute has always gone above and beyond in delivering all the top-notch amenities, and this has been made possible by the commitment of the faculty, staff, and students. As Director, I sincerely appreciate the Editorial Team to bring out every detail to make the present issue of the Newsletter worth of reading. Thank you and enjoy reading the Newsletter.

Workshop on “New India using Digital Devices and Technology”

NITTTR, Chandigarh in collaboration with Vigyan Prasar (An Autonomous Organization of the Department of Science and Technology, Government of India) under Bharat @75: Azadi Ka Amrit Mahotsav, organized a workshop for India's Largest Science Talent Search on “New India using Digital Devices and Technology” in association with NCERT (Ministry of Education) during 15th & 16th October 2022. During the inauguration, Prof (Dr) SS Pattnaik, Director, NITTTR Chandigarh; Dr. Arvind C. Ranade, Executive Director, INSA; and Dr. Prashant Kodgire, - IIT, Indore were present. Prof. KN Pathak, Former VC PU Chandigarh Prof. S.K. Tomar, VC, JCBUST Faridabad addressed the participants. A Manthan of VVM & Sensitization on Exam was coordinated by Dr. Prashant Kodgire, IIT Indore Dr. Brajesh Pandey, Symbiosis International University Pune. An Awareness session on 'Sudden Cardiac Arrest Resuscitation' by Revive Heart Foundation was also held.

Celebrations of National Unity Day

On the eve of Sardar Vallabh Bhai Patel's Jyanti who played a major role in the political integration of India, the institute celebrated Rashtriya Ekta Diwas (National Unity Day) as a part of “Ek Bharat Shreshtha Bharat” on Oct 31, 2022. A number of activities, Run for Unity, Pledge taking ceremony, and quiz were organized as per guidelines of the MOE, GOI. The celebrations provided an opportunity to re-affirm the inherent strength and resilience of our Nation to withstand the actual and potential threats to the unity, integrity, and security of our country. Faculty, Staff and ME/Ph.D. scholars participated in various activities.

CRIC-CII Exhibition-cum-Industry Academia Meet

NITTTR, Chandigarh has participated in the exhibition (Stall No: 24), organized by DST- Technology Enabling Centre, Panjab University, Chandigarh in collaboration with CII on November 12, 2022 and, show cased the technology/developed construction materials under the theme of “Waste Management”. These technologies (DROSS-MAGIC Machine) and Construction Materials & Light Weight Concrete were developed under the guidance of Dr. Sanjay Kumar Sharma, Professor, Incharge-Centre for Clean Technologies and Sustainable Development (CCTSD).



Observance of Vigilance Awareness Week

The institute observed Vigilance Awareness Week from 31st October 2022 to 6th November 2022. The event commenced with the integrity pledge taken by all institute employees. Poster competition, Essay writing contest, Debate competition & Closing ceremony were organized in the Institute auditorium. Prof Rattan Singh, CVO & Professor, University Institute of Legal Studies, Panjab University, Chandigarh delivered an expert lecture. An open quiz competition related to anti-corruption was also held. All faculty and staff members participated in the various activities. Prizes were given to the winners of various activities. The week was coordinated by Dr. SS Dhani, Chief Vigilance Officer of the institute.

Conduct of Women Pakhwada

The institute conducted Women Pakhwada from 25th November, 2022 to 10th December, 2022 on account of Implementation of Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013. Various activities were organized during Women Pakhwada. The Guest of Honour, Dr Deepti Gupta, Department of English and Cultural Studies, Punjab University, delivered her talk on women empowerment. She stressed upon the mind-set change for safer and better environment for women in our society. The Director addressed the gathering with a message that we should be the change which we want from society.



A declamation contest was conducted on the theme of 'Elimination of discrimination against women'. A total of 11 participants participated in the contest. The Judges for the contest were Dr HV Samalia & Wg Cdr DS Malik (Veteran). The awards were distributed during closing ceremony to the following winners as 1st Prize to Dr Suniti Dutt, 2nd Prize to Ms Neha Ahuja and 3rd Prize to Dr. Himmi Gupta.



An essay writing contest was conducted on 2nd December, 2022 on the theme of 'Conducive Workplace'. Prof. Pankaj Sharma and Dr. Garima Saini were the coordinators for this essay writing competition. The M.E./PhD scholars, staff participated in the said activity. The essays were evaluated and three prizes were announced by panel of judges (Dr. Ashok Kumar, Mrs Amandeep and Sh Ranbir Singh). Mr. Prerak Mittal, Visualizer, Media Engineering Department bagged the third prize, Ms. Neelam Kumari, Library Staff won the second prize and first prize was won by Dr.SunitiDutt., Research Assistant, Media Engineering Department.

Poster making competition as one of the activity was organised for faculty, staff and students on 06th December, 2022 on the theme of 'Recognition of Strengths & Talents of Women for Equal Rewards in Workplace'. Prof. Poonam Syal and Prof. Niraj Bala were the coordinators for this competition. The M.E./PhD scholars, staff participated in the said activity. The posters were evaluated and three prizes were announced by panel of judges (Dr Rajesh Mehra, Dr. Meenakshi Sood and Mrs Shano Solanki). Ms. Tejinder Kaur, Establishment Section, bagged the third prize, Mr. Ankit Dwivedi ME (CTM) student, won the second prize and first prize was won by Dr. Suniti Dutt, Research Assistant, department of Media Engineering.



Poem Recitation competition as one of the activity was organised for faculty, staff and students on 8th December, 2022, on the theme of 'Need of attitudinal change towards women in workplace'. Prof. Pankaj Sharma, Prof. Niraj Bala and Er. PK Singla were the coordinators for this competition. The M.E./PhD scholars, faculty & staff participated in the said activity. The Judges for the competition were. The poem recitation competition was evaluated and three prizes were announced by panel of judges (Dr. Poonam Syal, Dr. Hemant Vinayak and Dr. Amit Goel). Mr. Bhagya Vardhan, ME (Mechanical) bagged the third prize, Ms. Neha Ahuja, Accounts Department won the second prize and first prize was won by Dr.SunitiDutt, Research Assistant, Media Engineering Department.

The closing ceremony for the 'Women Pakhwara' was conducted on 9th December, 2022. All faculty, staff and students attended the ceremony. Mrs. Shano Solanki coordinated the event and welcomed the chief guest and guest speaker. Mrs Jyoti Choudhary, Advocate, High Court Punjab & Haryana, was the guest speaker. She delivered an information talk on Prevention of Sexual Harassment at Workplace in details which generated a lot of interest in the audiences. The prizes were announced and distributed to awardees. Prof (Dr.) SS Pattnaik in his speech elaborated on the duties of individuals to promote the equal opportunities for women. He also stressed upon the awareness of rights and duties for all members of the Institute. A digital tribute to women was introduced by Media Engineering Department wherein after scanning the QR Code through Cell phone, anyone can visualize the acclaimed women of India through AR/VR technology when the mobile is rotated to see through camera. The closing ceremony ended with the refreshments.



Celebrations of Samvidhan Diwas (Constitution Day)

The institute celebrated Samvidhan Diwas (Constitution Day) on 26.11.2022 (in an online mode) as per the directions of Ministry of Education, GoI. The activities included are: Reading of Preamble by faculty, staff & ME/Ph.D. scholars; Address by the Director of the institute; On the theme: 'India – The Mother of Democracy', an expert Talk on 'we the people' by Dr. BN Ramesh, Dean & Honorary Professor, Maharashtra National Law University, Aurangabad. The event was coordinated by Dr. HV Samalia and Dr. Amit Goel.

Observance of Communal Harmony Campaign Week and Flag Day

The institute observed Communal Harmony Campaign Week and Flag Day on 25th November, 2022 as per directions received from Ministry of Education, GoI. Essay/article writing competition and debate/seminar on Communal Harmony were held. Institute faculty, staff and ME/Ph.D. scholars participated in the events and winners were awarded prizes. Prof. (Dr.) Lini Mathew, in her keynote speech on Communal Harmony, emphasised on the importance of unity in diversity in our country and acknowledged the initiatives taken by the government for promoting harmony among the people. Many speakers from staff and students of the institute shared their opinions on promoting harmony and peace. The committee of judges declared the prize winners of Seminar. During the closing ceremony, Dr. SS Pattnaik, the Director of the Institute, elaborated on the duties of individuals to promote the brotherhood among the people of our country.



Celebration of Viswakarma Day

The institute is celebrated VISWAKARMA Day on 26-10-2022 in the New Examination Hall for the academic year 2022. All the Faculty, Staff and Contractual Members attended the Viswakarma Pooja and graced the occasion. Dr. P Sudhakar Rao, Assistant Professor, Department of Mechanical Engineering coordinated the event.

International Literacy Day

NITTTR Chandigarh celebrated International Literacy Day on 8th September, 2022 (Thursday) at 4.00 pm in hybrid mode (Offline and online mode). Dr. Neeraj Saxena, Advisor I and Head Institutional Development Cell 9IDC, AICTE, New Delhi was the chief guest on the occasion. After welcoming address by Prof. S S Pattnaik, Dr. Neeraj Saxena delivered keynote address on "Changing Landscape of Education and Learning."

Celebrations of Janjatiya Gaurav Diwas

As a part of celebrations of Janjatiya Gaurav Diwas (birth anniversary of Bhagwan Birsa Munda), the institute organized various events on Nov 15, 2022 as per guidelines of the MOE, GOI. A film depicting the life history of Bhagwan Birsa Munda was screened in the institute auditorium. A brief address by the Director and presentation by ME/Ph.D. Scholars were made. Faculty, Staff and ME/Ph.D. scholars attended the events. Five quiz winners were given mementos.

Kashi Tamil Sangamam in Varanasi

The Kashi Tamil Sangamam is aimed to strengthen the Centuries old connect between the two ancient knowledge Centres on the country on the lines of Hon'ble Prime Minister's vision of Ek Bharat Sherestha Bharat. The Hon'ble Prime Minister participated in the programme in Varanasi from 16 - 19 November, 2022. Live Streaming (Doordarshan and other Channels) of the programme was carried out in the institute Auditorium for the faculty, staff and ME/Ph.D. scholars.

Celebrations of the "Veer Baal Diwas"

The institute celebrated the "Veer Baal Diwas" to honour the martyrdom of Sri Guru Gobind Singh's sons Sahibzadas Baba Zorawar Singh Ji and Baba Fateh Singh Ji on 26th December, 2022. A digital exhibition was circulated to all faculty, staff & ME/Ph.D. scholars of the institute.

HRD Endeavour

6720 participants were trained by NITTTR Chandigarh during January-March, 2022 quarter by conducting 74 STCs/FDPs, workshops, and other activities. This includes 40 STCs conducted through Online Mode attended by 6185 participants and 34 offline STCs attended by 535 participants.

Department of Information Management & Emerging Engineering undertaken a Consultancy Project for Development of Curriculum of AI & ML for HSBTE, Haryana (Rs. 2.5 lacs); A Capacity Building Programme for Principals of HEIs of Haryana on 'Effective Implementation of NEP 2020'; and a Residential Training Programme on 'Advanced Pedagogy for Foremen/Instructors in the state of Uttarakhand. These funded programmes were coordinated by Prof. (Dr.) SS Gill and Dr. Meenakshi Sood during the period.



Faculty Corner




- Dr. Sunil Dutt, Professor, EMGT carried out Third Party Transparency Audit of various HEIs as a Nodal Officer.
- One patent granted for an invention entitled "Spatial Tactile Apparatus and Method for Creation and Navigation of Virtual Graphics for Visually Challenged" to Dr. Poonam Syal on 9th November, 2022.
- A paper titled "Net Zero Energy Building (NZEB) Design" by Er. Balkar Singh, Prof. Sanjay Kumar Sharma and Prof. Poonam Syal, published in the Journal of The Institutions of Engineers (India): Series A, Issue 1, Volume 102, 2021 has been awarded Brij Mohan Lal Memorial prize by The Institution of Engineers (India) on December 16, 2022.
- Dr. Niraj Bala, Professor, EDIC presented a seminar on the outcome of attending one week Skill Development Workshop on "Drone – Hands on Training" sponsored by IIT Hyderabad held at Chitkara University Rajpura, on 10th October, 2022. All faculty, ME and PhD students were invited to attend the seminar.
- A Ph.D. Scholar, Ms. Poonam Rani, appeared for her final Viva-voce examination ("Multi-Objective Workflow Scheduling Based on Hybrid Meta-Heuristics Approach in Cloud Environment") on 11.10.2022 (Supervisors: Dr. Maitreyee Dutta, Professor, Information Management & Emerging Engineering, NITTTR, Chandigarh; and Prof. Naveen Aggarwal, U.I.E.T., Panjab University, Chandigarh).
- A Ph.D. Scholar, Ms. Jagriti, appeared for her final Viva-voce examination ("Design and Development of Intelligent Indoor Air Quality Monitoring and Prediction System - Vayurveda") on 20.12.2022 (Supervisor: Dr. Maitreyee Dutta, Professor, Information Management & Emerging Engineering, NITTTR, Chandigarh).
- Er. Amardev Singh, Assistant Professor attended an Industrial Training on "Entrepreneurship in software solutions concepts development and strategies" at VEPRM Pty Ltd., Norwest NSW, Australia from 21st November 2022 to 10th December 2022.

Synergy with Peers

- A MOU was signed between the institute and A.J. Sustainability Renewable Pvt. Ltd., Sector- 22 B, Chandigarh on 11th October, 2022 to bridge the gap between industry and academia.
- A MOU was signed between the institute and Scanpoint Geomatics Limited (SGL), Ahmedabad on 11th October, 2022 for providing Training and hand holding to Faculties NITTTR for Conducting Courses
- The senior students of First Steps, Sector 26, Chandigarh made a presentation on 24th November, 2022 to enforce a discussion and give information on the essentials of identifying and self-evaluation of breast cancer for the faculty, staff and students of the institute. Dr. Shimi SL, Assistant Professor, Electrical Engineering coordinated the event.

Joining Golden Ager Club

Superannuation

		
Smt. Japjot Kaur Dua Assistant Section Officer Establishment Section 29.11.2022	Sh. Sukh Ram Laboratory Attendant Department of Applied Science 31.12.2022	Smt. Chanderkanta Assistant Section Officer Establishment Section 31.12.2022

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