



National Institute of Technical Teachers Training and Research, Chandigarh

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(July– September, 2022)

Newsletter

Message from Professor SS Pattnaik, Director



Welcome to Institute Newsletter! It is a digital report about institute's important news and activities sent periodically to members and other readers. The present issue provides a glimpse of Celebrations of conferences, meetings, workshops, contributions to Education & Training, Research & Development, etc., taken up during the period. 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.

Celebrations of Independence Day

The institute celebrated 76th Independence Day on 15th August, 2022. On this occasion, Professor SS Pattnaik, Director of the institute hoisted the National Flag in the presence of all Deans, Heads and Faculty Incharges of various departments/sections. Faculty, staff and students of the institute attended the celebrations. A stage play on Shaheed Udham Singh Azad was conducted on 15th August, 2022, the Theatre for Theatre staged the play to portray some incidents Shaheed Udham Singh ji's life and his ideology on freedom movement. All faculty, staff and their families and ME/Ph.D. scholars attended the stage play in the institute auditorium.

In addition, all faculty, staff and ME/Ph.D. scholars changed their DP during 13th August to 15th August, 2022 to fulfil the nation's drive "Har DP Tiranga". In addition, the employees and ME/Ph.D. scholars wore the Badges of Tiranga in the institute and hoisted National Flag of India at their respective houses as per Standard Operating Procedures/Guidelines for hoisting of the National Flag. The tricolour flag is a symbol of pride for every Indian and represents national integrity and signifies the hopes and aspirations of the Indian people.



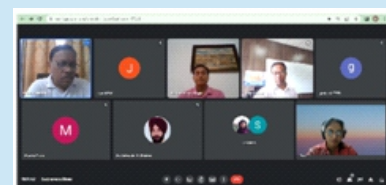
Celebrations of Azadi Ka Amrit Mahotsav

AzadiKaAmritMahotsav was celebrated to commemorate the 75 Glorious Years of a Progressive Independent India. The institute organized various activities during 14 – 15 August, 2022. All faculty, staff and ME/Ph.D. scholars showed their commitment by pinning a flag in July, 2022 online on <https://rashtragaan.in/> and downloaded their e-certificates. All the employees and scholars and their families watched the serial, 'Swaraj – Bharat keSwatantrataSangramkiSamagra Gatha', telecasted on the Doordarshan. An expert talk was also arranged by Sh. Sukhvindra Singh Dhami on आयात से आत्मनिर्भरता की ओर on 14th August, 2022 in the Institute under the self-reliant India mission of Government of India. A cultural programme was also organized on 14th August, 2022. The Director, faculty, staff and their families and ME/Ph.D. scholars participated in the PrabhatPheri organized on 15th August, 2022 in the institute campus.

The institute in collaboration with Bhartiya Shikshan Mandal, Punjab organized India @75: AzadiKaAmritMahotsav on Research Paper Writing Competition on SUBASH-SWARAJ-SARKAR on 13.8.2022. During the event, Dr. Jaspal Kaur, Yuva Ayam, Bhartiya Shikshan Mandal introduced the theme. Prof. Rajeev Ahuja, Director, IIT, Ropar addressed the audience as the Chief Guest. In the presence of Prof. SS Pattnaik, the Director of the institute. Sh. Amit Rawat, Bhartiya Shikshan Mandal also spoke on the occasion.

Observance of Sadbhavna Divas

Every year, 20th August is observed as **Sadbhavna Divas**. The institute also observed the day as Sadbhavna Divas to promote National Integration & Communal Harmony among people of all religions, languages & regions. 'Goodwill towards everyone & eschewing violence are the Motto of Sadbhavna Divas. During the event, all faculty staff and ME/Ph.D. scholars took pledge in their respective departments/sections. The event was coordinated by Er. PK Singla and Dr. Mala Kalra.



Meetings of Finance Committee and Board of Governors

Meetings of 54th Finance Committee and 58th Board of Governors were held on 1st September, 2022 in online/virtual mode. The meeting was chaired by Sh. Navin Mittal, IAS, Commissioner and Director, Department of Technical Education, Govt. of Telangana, Hyderabad. Smt. Saumya Gupta, IAS, Joint Secretary (NIT), Department of Higher Education, MoE (Gol); Mrs. Darshana M. Dabral, Joint Secretary and Financial Adviser (IFD) Department of Higher Education, MoE; Prof. Raj Kumar, Vice Chancellor, PU, Chandigarh; Dr. Krishan Kumar Kataria, Director, Technical Education, Govt. of Haryana; Sh. Sudharshan Kumar, KAS, Director Skill Development, J&K; Sh. Hari Singh, Director, Technical Education, Uttarakhand; Prof. Rajendra B Kakde, Adviser – AICTE, New Delhi; and Professor Lini Mathew, NITTTR, Chandigarh attended the meetings as team members. Prof. SS Pattnaik, Director of the institute was the Member Secretary.

Teachers' Day Celebrations

Teachers' day was celebrated on 5th September, 2022 to commemorate and honour the great teacher & Leader, Dr. Sarvapalli Radhakrishnan on his birthday. Chief Guest of the function Professor Amitava Patra, Professor, Director, Institute of Nano Science & Technology (INST), Mohali motivated the faculty to be the torch bearer for providing right direction to the students. Professor SS Pattnaik, Director, stressed upon the prominence of teachers in one's life. Institute faculty and ME/Ph.D. scholars attended the celebrations.

Celebrations of International Day of Peace

September, 21 was first designated as International Day of Peace by the UN in 1981, and since 2002 it has been honoured worldwide as a day of peace, non-violence, and ceasefire. Since 2005, the Heartfulness organizations have been bringing awareness of this landmark day through our partnership with UNDP, holding events and campaigns around the globe, bringing programs to schools, and partnering with other peace ambassadors and organizations. This year, the heartfulness organisation took it to the next level of engagement, launching a new Heartfulness initiative on September 21, known as Peacefulness.

Celebrations of 55th Annual Day of the Institute

On the auspicious occasion of 55th Annual Day of the Institute held on 7th September, 2022, Sh. Vijay Sampla, Hon'ble Chairman, National Commission for SC, Gol delivered the Presidential Address and appreciated the contribution of the NITTTR, Chandigarh to the upliftment of the society with its interventions. Prof. Rajive Kumar, Member Secretary, AICTE, New Delhi was the chief guest of the occasion. Guest of Honour, Prof. N.P. Padhy, Director, MNIT Jaipur said that NITTTR, Chandigarh has the immense potential to become the University of Excellence. A brainstorming workshop, MANTHAN on Effective Implementation of NEP 2020 with a focus on implementing Academic Bank of Credits referred to as ABC Credit Framework to help students embrace a multi-disciplinary educational approach was participated by nearly more than 80 DTEs, Principals, and Joint Directors from the northern region. Besides, a video show on Freedom Fighters "Virasat-e-Balidaan – Humara Tiranga Humari Shaan" was screened. A cultural function was organized by the institute on the occasion of Annual Day. All institute faculty and staff members participated in the cultural programme.



Workshop and Exhibition-cum Mela for Rural Artisans and Self-Help Groups

Department of Rural Development organized a Workshop and brainstorming session 6th & 7th September, 2022 for Rural Artisans, Self-Help Groups and Polytechnic Faculty implementing skill development programmes. Sh. D.P.S. Kharbanda, IAS, Director, DTE, Punjab emphasized on the linking of technical educational institutes to creation of skilled resources for promoting in-house product development thereby leading to realizing the vision of Atam Nirbhar Bharat. An Exhibition on Defending Motherland by Glimpses of Kargil Vijaya, inaugurated by Shri Vineet Joshi, Chairman Joshi Foundation, Member Advisory Council to Administrator, UT, Chandigarh, was also arranged. Dr Namrata Sethi delivered an expert talk on significance of millets for human health and different millets recipes. In addition, an Exhibition cum Mela for Rural Artisans, Self Help Groups and Organic Farmers was held, wherein Rural Artisans, Self Help Groups and Organic Farmers participated to bridge the gap between academicians and implementers.



HRD Endeavour

10325 participants were trained by NITTTR Chandigarh during July-September, 2022 quarter by conducting STCs/FDPs, workshops, and other activities including 70 STCs conducted through Online Mode attended by 9975 participants and 32 offline STCs attended by 350 participants.

A Professional Development Course on 'Enhancing Structural Durability with Advanced Waterproofing Solutions' was conducted jointly with Dr. Fixit Institute of Structural Protection & Rehabilitation, Mumbai from 25-26 August, 2022. Dr. Sanjay Sharma, Professor and Er. Himmi Gupta, Assistant Professor coordinated the course.

An online In-country Program on “**Entrepreneurship for TVET Professionals**” for officials of Bangladesh was conducted by Prof. SK Dhameja from 11-15 September 2022. A total of 40 Principals/HoDs/Faculty members from various TVET Institutions and officials of DTE Bangladesh participated in the program. The program was sponsored by CPSC Philippines and Directorate of Technical Education (DTE), under Technical and Madrasah Education Division (TMED), Ministry of Education, Bangladesh

A glimpse of photographs of a few programmes are given below:



Department of Information Management & Emerging Engineering conducted 2 Competence Based Trade Specific training for instructors of Engineering Drawing; 2 Administration, Planning, Monitoring & Training for Uttarkhand, and 2 Academic & Administrative Competence update programmes for Haryana. These funded programmes were coordinated by Prof. (Dr.) SS Gill and Dr. Meenakshi Sood during the period.

The institute celebrated International Literacy Day on 8th September, 2022. Dr. Neeraj Saxena, Advisor-I and Head Institutional Development Cell, AICTE, New Delhi, the Chief Guest, delivered the keynote address on “Changing Landscape of Education and Learning.”

A Memorandum of Understanding (MOU) was signed between NITTR Chandigarh and Young Hopes of India Foundation, Chandigarh on 26th August, 2022 to promote new technology knowledge innovation based startups

Faculty Corner

- One patent, entitled 'A Smart Change Over Switch Integrated with diesel Generator Monitoring and Control System' was published on 29th July, 2022 (Contributors: Mohd. Ahsan Siddiqui; Dr. C Rama Krishna, Dr. Mala Kalra, Syed Mohammad Shoib; Adil Zaidi, Dr. Pushpraj, Dr. B Krishna, Dr. SS Gill, Dr. Amod Kumar, Dr. Garima Saini Rattan Munish, Gill Sandeep Singh).
- One patent granted for an invention entitled 'Methods and Systems for Resource Allocation in Cognitive Radio Networks' on 02nd September, 2022 (Contributors: Singh Kushbir, Rattan Munish, Gill Sandeep Singh).
- Dr. Sunil Dutt, Professor, EMGT was nominated for carrying out Third Party Transparency Audit of the institute and other HEIs as a Nodal Officer including other faculty, Prof C Rama Krishna, Prof. SS Gill, Prof. Niraj Bala, Dr. HV Samalia, Dr. Meenakshi Sood, Dr. Mala Kalra, Er. Amandeep Kaur.
- Dr. Shimi S.L, Assistant Professor, Electrical Engineering presented a seminar on the outcome of attending a QIP cum CEP sponsored 2-week STC on 'MIMO Technologies' organized by IIT, Delhi, on 5th September, 2022. All faculty, ME and PhD students were invited to attend the seminar.
- For **Centre of Excellence in Educational Policy, Pedagogy and Action Research**, a draft proposal was prepared by Professor Sunil Dutt, Chairperson; Prof. AB Gupta, Prof. Niraj Bala and Prof. UN Roy, Co-chairpersons; Dr. HV Samalia, Er. Rama Chhabra, and Er. Amandeep Kaur as the team members.
- The institute faculty coordinated five MOOCs re-launched through SWAYAM Portal as per detail given below:

S.No.	Title of MOOC	Name of Coordinator(s)	Number of Participants	Dates
1.	Communication Skills, Modes & Knowledge Dissemination	Er. Amandeep Kaur	1907	29 July – 30 September, 2022
2.	Development of Self Learning Material	Dr. Sunil Dutt	800	29 July – 30 September, 2022
3.	Education Video Production	Dr. Maitreyee Dutta/Dr. SS Pattnaik	667	29 July – 30 September, 2022
4.	Graphics and Animation Development	Er. Shano Solanki	2126	29 July – 30 September, 2022
5.	Research in Technical Education	Dr. PK Tulsi/Dr. Sunil Dutt	477	29 July – 30 September, 2022

- A Ph.D. Scholar, **Mr. Rachit Manchanda**, appeared for his final Viva-voce examination (“**Design of a Routing Framework Based on Compressive Data Gathering Scheme for Heterogeneous Wireless Sensor Network**”) on 02.09.2022 (Supervisor: Dr. Kanika Sharma, Assistant Professor, ECE).
- A Ph.D. Scholar, **Mr. Pawan Kumar**, appeared for his final Viva-voce examination (“**Improved Load Balancing Technique for Efficient Resource Utilization in Cloud Computing**”) on 09.09.2022 (Supervisor: Dr. Rakesh Kumar, Assistant Professor, CSE; now on lien to Central University of Haryana, Mahendergarh).
- Several faculty members of the institute delivered invited talks/lectures in Faculty Development Programmes/Workshops organized by renowned institutes in the country.

हिन्दी माहऔरहिन्दी की विभिन्न प्रतियो गिताओं का आयोजन

भारत सरकार की राजभाषानीति के अनुपालन एवं संस्थान में हिंदी के प्रगामीप्रयोग पर और अधिक बल देने के लिए दिनांक 01 सितम्बर से 30 सितम्बर 2022 तक 'हिंदीमाह' का आयोजन किया गया। आयोजन का शुभारंभ संस्थान के निदेशक डा0 एस एस पट्टनायक द्वारा किया गया। इस आयोजन के दौरान हिंदी सुलेख, हिंदी शब्दज्ञान, हिंदी श्रुतलेख, हिंदी टंकण, हिंदी टिप्पण, हिंदी उच्चारण एवं हिंदी कविता पाठनामक कुल सात प्रतियोगिताओं का आयोजन किया गया। इन प्रतियोगिताओं में संस्थान के 123 प्रतिभागियों ने भाग लिया। आयोजन के दौरान प्रश्नमंच का आयोजन भी किया गया, जिस में संस्थान के अधिकारियों/कर्मचारियों एवं विद्यार्थियों ने उत्साह पूर्वक भाग लिया।

प्रतियोगिताओं के विजेताओं का चयन करने के लिए निदेशक महोदय द्वारा एक निर्णायक मंडल गठित किया गया था जिसमें डा0 पंकज शर्मा, डा0 ऋतुला ठाकुर, डा0 मीनाक्षी सूद, इंजी0 प्रमोद कुमार सिंगला एवं विंग कमांडर दिनेश सिंह मलिक (सेवानिवृत्त) शामिल थे। समापन समारोह दिनांक 30 सितंबर 2022 को आयोजित किया गया जिसमें फैकल्टी प्रभारी (प्रशासन) इं0 पी.के. सिंगला ने संस्थान में वर्ष के दौरान हिंदी में किये गए कार्यों की रिपोर्ट प्रस्तुत की। प्रतियोगिताओं के विजेताओं को निदेशक महोदय के करकमलों से पुरस्कृत किया गया। निदेशक महोदय ने अपने अध्यक्षीय भाषण में सभी प्रतिभागियों की सराहना की एवं संस्थान में हिंदी के दिनों-दिन प्रगति की प्रशंसा की। समारोह का समापन राष्ट्रगान के साथ हुआ।



A Lecture on Creating Awareness about Millets (Types, Importance, Climate Resilient, and Economic Security) was organised on 12th August 2022. An expert, Sh. Umendra Dutt, Founder and Executive Director, Kheti Virasat Mission, Faridkot, Punjab, described about the 9 types of millets that are available for consumption, out of which 5 types of millets are being promoted in context of consumption for better health. Since millets are good for soil, requires less water, less fertilizer, etc., hence it proves to be highly sustainable source of income for the farmers.



Youth Peace Foundation celebrated 21st International Day of Peace on 21st September, 2022 at the institute. Director and senior faculty of the institute planted medicinal & ornamental plants in the institute campus.



Joining Golden Ager Club

Superannuation

		
<p>Sh. Tej Pal Laboratory Attendant Computer Science & Engineering Department 31.07.2022</p>	<p>Sh. Sultan Singh Multi Skill Attendant, Department of Rural Development 30.09.2022</p>	<p>Smt. Satinder Kaur Section Officer, Board Section 30.09.2022</p>

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