

About the Institute

National Institute of Technical Teachers Training and Research, Chandigarh, an ISO 9001-2008 certified institute, is one of the four national institutes established by the Government of India in 1967 for the growth and development of technical education in the country. It is now reckoned as a resource institute for the technical education system providing services to its clientele covering faculty/staff of technical institutions, officials of directorates/boards of technical education, central and state govt. departments, industry, students from technical institutes, community and trainees from overseas. The institute undertakes the following spectrum of activities:

- Education and Training Programmes
- Curriculum Development
- Instructional Material Development
- Research and Development
- Extension Services and Consultancy in Technical Education and Technology areas.

The institute offers ME Programmes affiliated to Panjab University, Chandigarh in five disciplines. Three ME Programmes, viz., ME in Computer Science & Engineering, ME in Electrical Engineering and ME in Electronics & Communication Engineering are accredited by National Board of Accreditation (NBA), New Delhi. The institute has been recognized as a 'Research Centre' by Panjab University, Chandigarh (in 2006) as well as by PTU, Jalandhar/Kapurthala, Punjab (in 2005) for pursuing research work leading to the degree of Ph.D.

Organizing Committee

Conference Patron:

Dr. SS Pattnaik, Director

Technical Chairs/Coordinators:

Dr. Sunil Dutt, Professor & Head, EMGT

Dr. Niraj Bala, Professor, EDIC

Dr. Srinivasa, KG, Professor, CSE

Co-chair/Co-coordinator:

Er. Shano Solanki, Assistant Professor, CSE

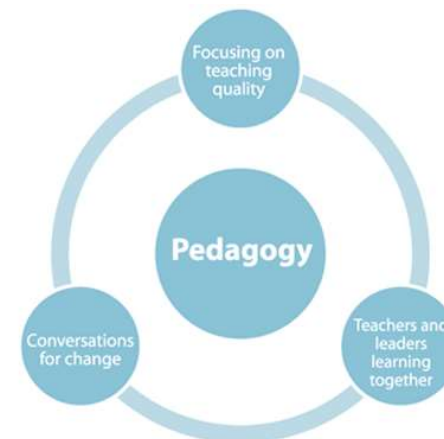
Technical Programme Committee Members:

- Er. Amit Doegar, Assistant Professor, CSE
- Dr. Sudhakar Rao, Assistant Professor, Mechanical Engineering
- Dr. Kanika Sharma, Assistant Professor, ECE
- Dr. Amit Goyal, Assistant Professor, Civil Engineering
- Dr. Garima Saini, Assistant Professor, ECE
- Dr. Mala Kalra, Assistant Professor, CSE
- Er. Himmi Gupta, Assistant Professor, Civil Engineering
- Er. Amar Dev Singh, Assistant Professor, EDIC
- Er. Amandeep Kaur, Assistant Professor, EMGT
- Dr. KC Lachhwani, Assistant Professor, Applied Sciences

Email: pedagogyne2020@nitttrchd.ac.in

National Conference on

Challenging Pedagogical Challenges in NEP-2020



26th February 2021



Organized by

**National Institute of Technical Teachers
Training and Research (NITTTR)
Sector-26, Chandigarh-160019**

About the Conference

The New Education Policy 2020 as proposed by the Government of India is focused on revision and revamping of all aspects of the education system structure encompassing the regulation and governance aspects to create a new system that is in line with the aspirational goals of 21st century education. The proper implementation of the policy is a new upcoming challenge. The main objective of the conference is to provide a platform to bring together the Educationists, Scientists, Practitioners, Scholars and Students from Higher Education Institutions including universities, engineering colleges, polytechnics etc. to exchange and share their ideas and experiences about effective implementation of New Education Policy 2020. The conference envisages to address the **Pedagogical Challenges in NEP-2020**. The national conference will offer an opportunity to all the stakeholders to contemplate and develop an understanding of the factors crucial to the effective implementation of the NEP 2020.

Themes:

Integration of Technology in Education

- Blended Learning, AI, VR, IoT and Social Media in teaching learning
- Online assessment and examinations: Transforming assessment as per NEP 2020
- Digital Infrastructure - its role and challenges for implementation of NEP-2020
- Offering Quality Open Distance Learning (ODL) and Online Accredited programmes leading to any diploma or degree (suitably integrated into curricula of HEIs)
- Impact Studies on Online Learning; Online assessment

Creation of Optimal Learning Environments to promote student participation

- Creation of infrastructure for enhancing student participation in sports, culture/arts clubs, eco-clubs, activity clubs, community service projects, etc.
- Providing Optimal Learning Environments and supports for students (appropriate curriculum, engaging pedagogy, continuous formative assessment, and adequate student support)

Revamping of Higher Education

- Integration of Ancient Indian Education System and Local Context in today's Pedagogy system
- Content Driven Pedagogy in NEP-2020
- Empowering teachers towards their holistic development
- Challenges to Pedagogy for Holistic and Multidisciplinary Education (moving towards a more multidisciplinary undergraduate education)
- Learning Approaches for holistic development of students and teachers
- Moving towards faculty and institutional autonomy

Mentoring

- Motivated, Energized, and Capable Faculty - **Mentoring** large number of faculty with diverse qualifications (rigorous training in learner-centric pedagogy and on how to become high-quality online content creators using online teaching platforms and tools.)

Credit Exchange and Recognition of Prior Learning

- Multiple entry and exit points
- Academic Bank of Credits (Recognition of Prior Learning)
- Re-engineering of Traditional Technology with modern tools

Participants are requested to register by intimating to convener in advance by email. The registration charges (as given below) are to be sent to the convener in the form of DD/Crossed cheque in favour of Director, NITTTR, Chandigarh, payable at Chandigarh.

Industry: Rs. 500/-

Academics/R&D/Research Scholars: Rs. 300/-

Regular Students: Rs. 200/-

Note: Registration fee can also be paid through NEFT transaction to the Account No: 55105008209, State Bank of India, Sector 26, Chandigarh RTGS/NEFT/IFSC Code: SBIN0050116. Please send receipt/ details of transaction along with the registration form

Publication

All accepted papers after peer review will be published in e-proceedings and few selected papers will be published in institute journal of NITTTR Chandigarh.

Few selected papers will be published as Book Chapters in an edited book with a renowned International Publisher.

Important Dates

- Abstract Submission: 15th January 2021
- Intimation of Acceptance: 20th January 2021
- Initial Full Paper Submission of accepted abstracts: 10th February 2021
- Final Paper Submission: 15th February 2021

Paper Submission Details

Full manuscript should be submitted by email at:

pedagogynep2020@nitttrchd.ac.in

Paper format: 4 to 6 pages of A4 paper, single Column, 1.5 line spacing, 12 font size, Times New Roman, with 1" Margin each side.

Mode of the Conduction of Conference: **Online**