

# CURRICULUM DEVELOPMENT CENTRE

July to September, 2025



## 1. Training Programme:

### Short Term Courses:

1. Curriculum Development using Outcome Based Approach from 4-8 August, 2025; Coordinated by Dr. Meenakshi Sood.
2. Curriculum Development Process from 11-15 August, 2025; Coordinated by Dr. S.K. Gupta.
3. Curriculum Implementation and Evaluation from 18-22 August, 2025; Coordinated by PK Singla.
4. FOSS to Achieve Curriculum Goals from 25-29 August, 2025; Coordinated by Dr. Rajesh Mehra.
5. Student Evaluation for Effective Curriculum Implementation from 8-12 September, 2025; Coordinated by PK Singla with EMGT Department.

### Faculty Academic Contributions outside the Department

- Dr. Meenakshi Sood delivered a lecture on 'Higher Education & Society' at Malaviya Mission Teacher Training Centres (MMTTC) Maulana Azad National Urdu University, Hyderabad on 7 July, 2025.
- Dr. Meenakshi Sood engaged lecture on 'Faculty Readiness – National Educational Policy' during FDP on 'Introduction to IoT and AI: The Future Connected Devices' from 07-11 July, 2025, jointly organized by the Directorate of Technical Education (DTE), Punjab and C-DAC Mohali.
- Dr. Meenakshi Sood acted as a resource person delivered a session on "Curriculum Restructuring in HEIs in Light of NEP 2020" during 15th NEP Orientation and Sensitisation Programme organised by UGC-MMTTC, University of Rajasthan, Jaipur from 14-26 July, 2025.
- Dr. Meenakshi Sood acted as a resource person for Faculty Development Program (FDP) 'Implementation of Outcome-Based-Education in Technical Institute' from 24-25 July, 2025 at NIT Delhi on the topic 'Crafting success through OBE Assessment techniques'.
- Prof. PK Singla engaged a session on 'Importance of Ethics and Values in Research' on 6 August, 2025 during Short-term Course on 'Enhancing Research Capabilities for Academic Career Progression' conducted by EDIC Department from 4-8 August, 2025.

- Prof. PK Singla engaged an online session on ‘Effective Communication Skills’ on 6 August, 2025 during Short-term Course on ‘Personality Development’ conducted by EMGT Department from 4-8 August, 2025.
- Dr. Meenakshi Sood delivered a session online on ‘Curriculum Designing’ during 9th GURU-DAKSHATA Faculty Induction Programme at UGC-MMTTC (Erstwhile HRDC), University of Rajasthan, Jaipur is organizing from 04-30 August, 2025.
- Prof. PK Singla coordinated one-day National workshop on ‘Character Building and Holistic Personality Development’ for the faculty, staff, students of the institute, as well faculty from other Institutions, in collaboration with Shiksha Sanskriti Utthan Nyas on 1 September, 2025.
- Dr. Meenakshi Sood organized two days National Conclave on ‘Opportunities and Challenges in Polytechnic Education under NEP 2020’ 7-8 September, 2025.
- Dr. Meenakshi Sood delivered a session on ‘Student diversity and Inclusivity in Higher Education in light of NEP 2020’ on 15 September 2025 during Faculty Development Programme on ‘NEP 2020 Orientation and Sensitisation’ organized by Central University of Jammu (J&K) UGC-MMTTC.
- Dr. Meenakshi Sood acted as organising secretary in ‘International Conference on Transforming Higher Education for Future: Education 4.0’, from 26-27 September 2025 at Thapar Institute of Engineering and Technology.

## 2. Curriculum Development:

- Conducted 6 Curricula Workshops for PSBTE, Punjab.
  - Workshop to design Curriculum for PSBTE – Chemical Engineering (Plastic & Polymer) conducted on 25 July, 2025.
  - Workshop to design Curriculum for PSBTE - Textile Design conducted on 29 July, 2025
  - Workshop to design Curriculum for PSBTE – Mechanical Engineering (RAC) conducted on 30 July, 2025.
  - Workshop to design Curriculum for PSBTE – Mechanical Engineering (Tool and Die) conducted on 3 September, 2025.
  - Workshop to design Curriculum for PSBTE -Mechatronics conducted on 16 September, 2025.
  - Workshop to design Curriculum for PSBTE – ECE (Industry Integrated) conducted on 29 September, 2025.

- Conducted 4 Curricula Workshops for HSBTE, Haryana.
  - Workshop to design Curriculum for HSBTE – Fire Technology & Safety conducted on 17 September, 2025.



**Workshop to design Curriculum for Fire Technology & Safety**

- Workshop to design Curriculum for HSBTE – Aeronautical Engineering conducted on 19 September, 2025.
- Workshop to design Curriculum for HSBTE – Fire Technology & Safety conducted on 30 September, 2025.



**Workshop to design Curriculum for Fire Technology & Safety**

- Workshop to design Curriculum for HSBTE – Aeronautical Engineering conducted on 30 September, 2025.

### 3. Research & Development:

#### A. RESEARCH STUDIES

- A research Study being coordinated by Dr. Meenakshi Sood on Planning and Execution of online courses in Technical Education: **In Progress**
- A research Study being coordinated by Dr. S K Gupta on Impact Study on Implementation of NSQF aligned Curricula in selected Polytechnics: **In Progress**

#### B. Ph.D and M.E. Thesis

Research	No.	Supervisor(s)
No. of Ph.D Thesis being Guided	2	Prof. (Dr.) Rajesh Mehra and Dr. Meenakshi Sood
No. of Ph.D Thesis being Guided	1	Dr. Meenakshi Sood
No. of M.E Thesis being Guided	2	Prof. (Dr.) Rajesh Mehra and Dr. Meenakshi Sood

### 4. Instructional Material Development:

- **HSBTE, Haryana State:**  
Draft of Curriculum Document for 2<sup>nd</sup> Year of two Diploma Programmes along with Instructional Strategies.
- **PSBTE, Punjab State:**  
Draft of Curriculum Document for 3<sup>rd</sup> Year of Six Diploma Programmes along with Instructional Strategies.

### 5. Extension & Consultancy Services:

#### A. CONSULTANCY PROJECTS:

- NSQF compliant curriculum of 6 diploma courses for PSBTE worth Rs. 17,70,000/- Punjab.
- NSQF compliant curriculum of 2 diploma courses for HSBTE worth Rs. 8,26,000/- Haryana.

- Dr. Meenakshi Sood organised and conducted 3-Day Induction Programme for the newly recruited faculty members of NIT Delhi, from 30 July – 1 August, 2025 worth Rs. 1,18,000/-.
- Dr. Meenakshi Sood organized three day contact mode programme Professional orientation programme on Accreditation readiness under revised NBA guidelines at NSUT Delhi from 23- 25 September 2025 worth Rs. 95,580/-.

## 6. Other Activities:

- Prof. P K Singla attended workshop on ‘Use of Grammarly Software’, organized by Department of Computer Science and Engineering, NITTTR, Chandigarh, on 29 July, 2025.
- Prof. P K Singla attended an interactive session with Prof. Pankaj Arora, Chairperson, National Council for Teacher Education (NCTE), Ministry of Education, New Delhi on 5 August, 2025.
- Dr. S K Gupta attended an interactive session with Prof. Pankaj Arora, Chairperson, National Council for Teacher Education (NCTE), Ministry of Education, New Delhi on 5 August, 2025.
- Prof. P K Singla participated an interaction session with Prof. Ganesan Kannabiran, Director, NAAC on 6 August, 2025.
- Dr. S K Gupta participated an interaction session with Prof. Ganesan Kannabiran, Director, NAAC on 6 August, 2025.
- Prof. P K Singla participated an interactive session with Padma Shri Dr. Chamu Krishna Shastry Ji, Chairman, High Powered Committee for the Promotion of Indian Languages, Ministry of Education, Govt. of India at NITTTR, Chandigarh, on 6 August, 2025.
- Dr. S K Gupta participated an interactive session with Padma Shri Dr. Chamu Krishna Shastry Ji, Chairman, High Powered Committee for the Promotion of Indian Languages, Ministry of Education, Govt. of India at NITTTR, Chandigarh, on 6 August, 2025.
- Prof. P K Singla participated in the workshop on ‘ASEAN AND SAARC Cooperation for Technical Education Development’ at NITTTR, Chandigarh on 14 August, 2025.

- Dr. Meenakshi Sood organized two days National Conclave on ‘Opportunities and Challenges in Polytechnic Education under NEP 2020’ 7-8 September, 2025.



**National Conclave on ‘Opportunities and Challenges in Polytechnic Education under NEP 2020’**

- Prof. P K Singla participated in the National Conclave on ‘Opportunities and Challenges in Polytechnic Education under NEP 2020’ at NITTTR, Chandigarh on 7-8 September, 2025.
- Dr. S K Gupta participated in the National Conclave on ‘Opportunities and Challenges in Polytechnic Education under NEP 2020’ at NITTTR, Chandigarh on 7-8 September, 2025.
- Prof. P K Singla attended Engineer’s Day Celebrations (online mode), addressed by Prof. Rajive Kumar, Vice Chancellor, YMCA Faridabad, Chief Guest for the Occasion on 15 September, 2025.
- Dr. S K Gupta attended Engineer’s Day Celebrations (online mode), addressed by Prof. Rajive Kumar, Vice Chancellor, YMCA Faridabad, Chief Guest for the Occasion on 15 September, 2025.

- Prof. P K Singla participated in the workshop on 'AI for Current Workforce' (In Collaboration with Intel) at NITTTR, Chandigarh, 20 September, 2025.
- Dr. S K Gupta participated in the workshop on 'AI for Current Workforce' (In Collaboration with Intel) at NITTTR, Chandigarh, 20 September, 2025.