

# CURRICULUM DEVELOPMENT CENTRE

January to March, 2025



## 1. Training Programme:

### Short Term Courses:

1. Effective Curriculum Implementation using FOSS from 20-24 Jan 2025; Coordinated by Dr. Rajesh Mehra.
2. Accomplishment of Curriculum Objectives using CAD from 03-07 February 2025; Coordinated by Dr. Rajesh Mehra.
3. Effective Curriculum Implementation from 17-21 February, 2025; Coordinated by Dr. S.K. Gupta.
4. Effective Curriculum Implementation from 03-07 March, 2025; Coordinated by Dr. S.K. Gupta.
5. Mentoring skills for effective curriculum Implementation from 03-07 March, 2025; Coordinated by PK Singla.
6. CAD practices to achieve Curriculum goals from 17-21 March, 2025; Coordinated by Dr. Rajesh Mehra.
7. Capacity Building for Teachers from 24 - 28 February, 2025 at IIIT Una; Coordinated by Dr. Meenakshi Sood interdepartmental with Prof. SS Gill (IMEE deptt)

### Support to other departments/organizations by Faculty

- Prof. PK Singla engaged an expert sessions on 'Ethics and Values' during Short-Term Course 'Outcome Based Education and Teaching Pedagogy' from January 20-24, 2025 for engineering colleges and polytechnic teachers, organized by IMEE and Rural Development Department. (Coordinated by Prof (Dr) Maitreyee Dutta and Dr Amit Goel) on January 23, 2025.
- Prof. PK Singla engaged a session as the Resource Person on the themes 'Framing Effective Course Outcomes aligned with POs, PEOs and PSOs' and CO-PO Attainment: Mapping, Calculation and Articulation' during a One-Day Hands-on Workshop on 'Outcome-Based Education', organized by Chandigarh University on February 1, 2025.

- Prof. PK Singla engaged an Online Session on ‘Role of higher education in society’ during Malavyia Mission Teacher Training Programme on ‘NEP Orientation & Sensitization’ from February 11 – 19, 2025 organized by NITTTR, Chandigarh (Coordinated by Dr Ritula Thakur) on February 19, 2025.
- Prof. PK Singla engaged an Expert Sessions during Offline Training Programme-cum-Workshop on ‘English Speaking Competency Development’ in collaboration with Vidya Bharti, Northern Zone at NITTTR, Chandigarh from 20-28 February, 2025.
- Prof. PK Singla engaged Theme Sessions on ‘Writing learning outcomes’ and ‘Preparing Table of Specifications’ during Training Programme-cum-Workshop on ‘Setting Question Paper and Designing Marking Scheme’ Organized by EMGT and CDC for Air Force Warriors in Offline Mode at NITTTR, Chandigarh from 27-28 February, 2025. Co-Coordinated the Workshop.
- Prof. PK Singla engaged session on ‘Expectations of Potential Employers and Most Significant Aspects of Communication for a Successful Career’ during the One Week training program on ‘Communication Skills & Personality Development’ in a FDP from 4-10 March, 2025 for UG, PG and PhD students of College of Horticulture and RARI Durgapura, Organized by The College of Horticulture, Durgapura, Jaipur, in Collaboration with Linguistics Empowerment Cell, Jawaharlal Nehru University, N. Delhi on March 10, 2025.
- Prof. PK Singla engaged an expert session on ‘Effective Classroom Communication’ during Short-Term Course ‘Student Centred Teaching Methodology’ from March 17-21, 2025 for engineering colleges and polytechnic teachers, organized by EMGT Department, (Coordinated by Dr Amandeep Kaur) on March 17, 2025.
- Prof. PK Singla engaged an online session on the theme ‘Curriculum Development for Technopreneurship’ as a Resource Person and Facilitator at the In-Country Program for Myanmar on ‘Entrepreneurship/ Technopreneurship Development in TVET’ from March 17-21, 2025, organized by The Colombo Plan Staff College (CPSC) on March 18, 2025.
- Dr. Meenakshi Sood engaged an expert session on Holistic and Multidisciplinary Education: An overview in Malavyia Mission Teachers Training Programme on NEP Orientation & Sensitization from 1<sup>st</sup> – 10<sup>th</sup> February, 2025.
- Dr. Meenakshi Sood engaged an expert session on Holistic and Multidisciplinary Education: Aspects of curriculum design” FDP under Malavyia Mission Teachers Training Programme on NEP Orientation & Sensitization from 1<sup>st</sup> – 10<sup>th</sup> February, 2025.

- Dr. Meenakshi Sood engaged an expert session on “NEP 2020 transforming Higher Education” in STC on "Induction Training to improve Teaching and Research in Technical Education” from 3 -7 February, 2025 for Department of Rural Development.
- Dr. Meenakshi Sood engaged an expert session on VLABS in STC on Accomplishment of Curriculum Objectives using CAD from 3 -7 February, 2025.
- Dr. Meenakshi Sood engaged session on NEP-2020 relevance for Curriculum Implementation on 18 February 2025.
- Dr. Meenakshi Sood engaged an expert talk on 'Focus of NEP-2020 on Multi-Disciplinary Education' in FDP on 'Advances in Automotive Technologies' from 10 – 14, March 2025 for Mechanical Engineering Department.
- Dr. Meenakshi Sood engaged an expert talk in FDP on NEP-2020: Orientation & Sensitization organised by NITTTTR, Chandigarh in Collaboration with UGC-MMTTC (HRDC), JNV University, Jodhpur from 11-19 February, 2025.
- Dr. Meenakshi Sood as distinguished speaker at “Empowering Women Engineers through Pedagogical Skills (EWPS-2025)” under the aegis of “ANRF (SERB) - INAE Woman Engineers Program” from 21-22 February, 2025 at NIT Hamirpur.

## 2. Curriculum Development:

- Conducted 2 Curriculum Workshops for PSBTE, Punjab.
  - Workshop to design of curricula for PSBTE - Mechatronics conducted on March 12, 2024.
  - Workshop to design of curricula for PSBTE - Textile Design conducted on March 19, 2024.
- Conducted 5 Curriculum Workshops for IIIT, Nagpur.
  - Workshop to design of curricula for IIIT Nagpur – Spiritual Development conducted on February 10, 2024.
  - Workshop to design of curricula for IIIT Nagpur – Personal and Social Responsibilities conducted on February 11, 2024.
  - Workshop to design of curricula for IIIT Nagpur – Diversity Management conducted on February 12, 2024.
  - Workshop to design of curricula for IIIT Nagpur – Vedic Science conducted on February 13, 2024
  - Workshop to design of curricula for IIIT Nagpur – Sensitivity and Sustainability conducted on February 14, 2024.



**Workshops for developing curricula for IIIT, Nagpur**

January – March, 2025

### 3. Extension & Consultancy Services:

#### A. CONSULTANCY PROJECTS:

- Second Semester of NSQF compliant curriculum of 6 diploma courses for PSBTE worth Rs. 17,70,000/- Punjab submitted.
- 5 Undergraduate Level Courses for B.Tech for Indian Institute of Information Technology, Nagpur, was submitted. A fees of Rs. 8,85,000/- is to paid by IIIT, Nagpur.

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

No of M.E Thesis	3
No of Ph.D Thesis	1

### 4. Other Activities:

#### TRAINING PROGRAMMES ATTENDED BY THE DEPARTMENT FACULTY/STAFF

- Attended Online “International Webinar Sustainability from Engineering and Vedic Perspectives” on 16 January 2025 by Prof. P.K. Singla.
- Attended Online “International Webinar Sustainability from Engineering and Vedic Perspectives” on 16 January 2025 by Dr. SK Gupta.
- Attended Online “Introduction to Universal Human Values” from 27-31 January 2025 by Dr. Meenakshi Sood.
- 5 Day FDP on “Outcome-Based Education (OBE) & Accreditation” from 3-7 March 2025 at Symbiosis Institute of Technology, Nagpur.