

CURRICULUM DEVELOPMENT CENTRE

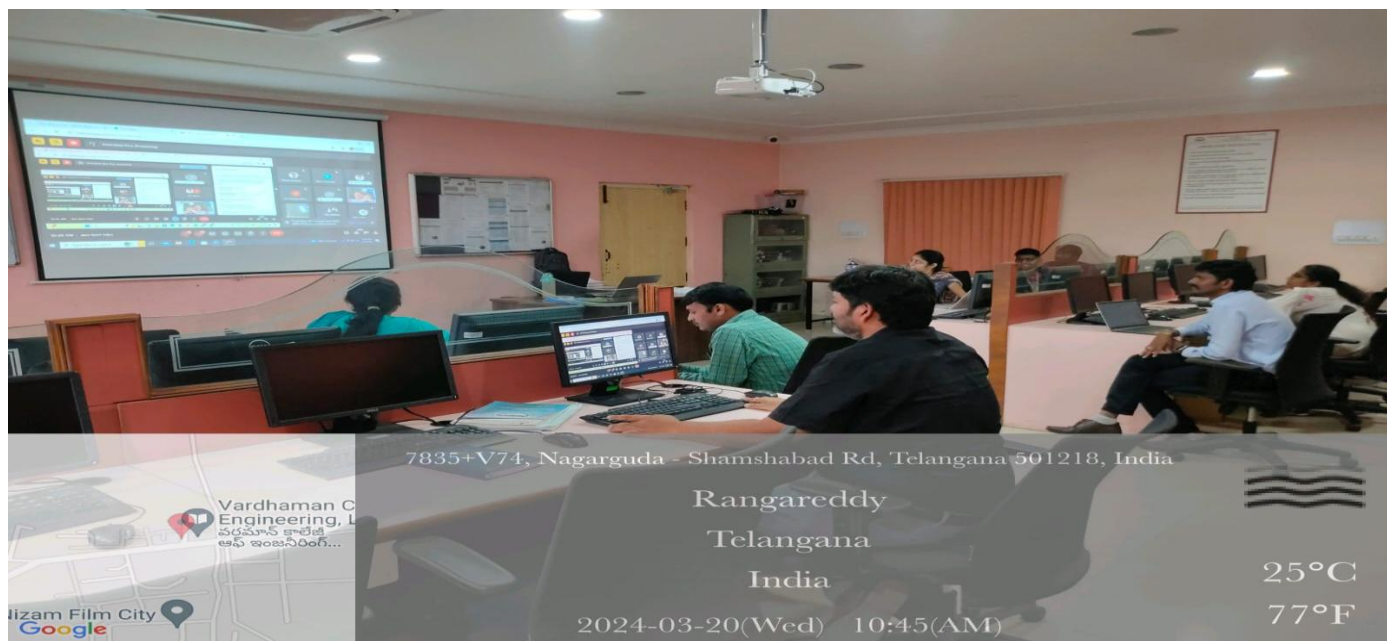
January to March, 2024



1. Training Programme:

Short Term Courses:

1. Effective Curriculum Implementation using FOSS from 10-14 January, 2024; Coordinated by Dr. Rajesh Mehra
2. Curriculum Design for Developing Job Related Competencies from 16-20 January, 2024; Coordinated by Dr. S.K. Gupta
3. Outcome Based Curriculum Development from 29 January - 02 February, 2024; Coordinated by Dr. S.K. Gupta
4. Outcome Based Curriculum and Accreditation Criteria from 12-16 February, 2024; Coordinated by Dr. Meenakshi Sood
5. NSQF Aligned Skill Development from 21-25 February, 2024; Coordinated by Dr. Rajesh Mehra.
6. NSQF Aligned Curriculum Design and Implementation from 21-25 Feb, 2024; Coordinated by Dr. S.K. Gupta.
7. Curriculum Development Process from 18-22 March, 2024; Coordinated by Dr. S.K. Gupta.



Short Term Course on Curriculum Development Process from 18-22 March, 2024

January – March, 2024

Faculty Academic Contribution outside the Department

- Prof. PK Singla engaged as per the details given below:

Two Sessions on Curriculum Evaluation

- Engaged one session during Faculty Development Programme on Universal Human values, Ethics and Life Skills for the session on “Professional Ethics-10 Golden Rules on 6th January, 2024 at Chandigarh University.
- Faculty Development Program (FDP) on “Academic Excellence: Paradigms & Pedagogies”, held from 5th Jan to 10th Jan 2024 at Chandigarh University. Engaged 2 sessions on “Curriculum Evaluation” 5-6 January, 2024.



FDP on Universal Human values, Ethics and Life Skills at Chandigarh University, Landra

- Prof. PK Singla engaged a session on Time Management during Short Term Course on Institutional Governance and Leadership 15-19 January, 2024 at NITTTR, Chandigarh organized by Department of Media Engineering on January 15, 2024.
- Prof. PK Singla engaged an online expert session on ‘Ethics and Values’ during Online Short-Term Course on ‘Professional Ethics and Plagiarism’ during 5-9 February, 2024 for engineering colleges and polytechnic teachers. Organized by Applied Science Department, NITTTR, Chandigarh on February 7, 2024.
- Prof. PK Singla engaged session (online) participated in the Inauguration session during online 2-days Training Programme on Teaching Pedagogy for 5 IITs on March 9, 2024.
- Dr. Meenakshi Sood delivered lecture on “NEP-2020 relevance for Curriculum Design” in short term course on “Outcome based Curriculum Development” on January 31, 2024 for CDC Department.
- Dr. Meenakshi Sood delivered lecture on “Work Life Balance” in short term course on “Stress Management” on January 16, 2024 for CDC Department.
- Dr. Meenakshi Sood engaged expert lecture on “Ethics in Research” in faculty development programme on "Enhancing Research Capabilities for Academic Career Progression" on January 17, 2024 for EDIC Department.
- Dr. Meenakshi Sood engaged expert session on “Virtual Lab Practices” in STC on “Effective Curriculum Implementation using FOSS” during 08-12 January 2024.
- Dr. Meenakshi Sood engaged expert session on NEP-2020 relevance for Curriculum Design in STC on “NSQF Aligned Curriculum Design and Implementation” on 19th February 2024 for CDC Department.
- Dr. Meenakshi Sood engaged expert session on “Virtual Lab” in STC on “NSQF Aligned Curriculum Design and Implementation” on 02th February 2024.
- Dr. Meenakshi Sood engaged expert session in National Workshop on NEP-2020: Model Curriculum and Content in Physics: Vision towards Visvaguru through Bharatiya Languages on 8-9 February 2024 for Applied Science Department.

2. Curriculum Development:

- Conducted 12 Curricula Workshops for HSBTE, Haryana
 - Workshop to design of Curriculum for HSBTE – Electronics and Communication Engineering conducted on March 07, 2024.
 - Workshop to design of Curriculum for HSBTE – Electrical Engineering conducted on February 02, 2024.

- Workshop to design of Curriculum for HSBTE –Finance, Account and Auditing conducted on March 07, 2024.
- Workshop to design of Curriculum for HSBTE –Office Management and Computer Application conducted on March 12, 2024.
- Workshop to design of Curriculum for HSBTE –Plastic Engineering conducted on March 13, 2024.
- Workshop to design of Curriculum for HSBTE – Mechanical Engineering conducted on March 14, 2024.
- Workshop to design of Curriculum for HSBTE – Mechanical Engineering (Tool and Die) conducted on March 15, 2024.
- Workshop to design of Curriculum for HSBTE –Computer Engineering conducted on March 15, 2024.
- Workshop to design of Curriculum for HSBTE –Fashion Design conducted on March 18, 2024.
- Workshop to design of Curriculum for HSBTE –Fashion Technology conducted on March 19, 2024.
- Workshop to design of Curriculum for HSBTE – Library and Information Science conducted on March 05, 2024.
- Workshop to design of Curriculum for HSBTE – Chemical Engineering (Pulp and Paper) conducted on March 27, 2024.



Curriculum Design Workshop for Mechanical Engineering for HSBTE, Haryana

3. Research & Development:

A. PUBLICATIONS

- Mehmood ul Hussan, M. Nizamuddin, Rajesh Mehra, “Design and simulation of power efficient carbon nanotube field effect transistor based active notch filters for nano electronic applications”, Springer International Journal of Information Technology, March 2024. DOI: <https://doi.org/10.1007/s41870-024-01749-6>
- Nirdesh Shukla, Meenakshi Sood, Amod Kumar, "A Computational and Comparative Analysis of Medical Image Fusion Using Different Transform Domain Techniques " Advances in Mathematical Modelling, Applied Analysis and Computation-Proceedings of ICMMAAC 2023 Lect. Notes Networks Syst., vol. 952 LNNS, pp. 165–186, 2024, doi: 10.1007/978-3-031-56307-2_12. (Springer)

B. Ph.D and M.E. Thesis

Research	No.	Supervisor(s)
No of M.E Thesis being Guided	4	Prof. (Dr.) Rajesh Mehra and Dr. Meenakshi Sood
No of Ph.D Thesis being Guided	2	Prof. (Dr.) Rajesh Mehra and Dr. Meenakshi Sood

4. Instructional Material Development:

- **HSBTE, Haryana State:**
Draft of third year Curriculum Document of 30 Diploma Programmes along with Instructional Strategies.

5. Extension & Consultancy Services:

CONSULTANCY PROJECTS:

NSQF compliant curriculum of 30 diploma courses for HSBTE, Haryana worth Rs. 91.45 lacs.

6. Other Activities:

- Prof. P.K. Singla attended AICTE Approved Offline Programme “3-day Face-to-Face UHV FDP” on 9-11 Jan 2024 at Panjab University, Chandigarh.
- Dr. Meenakshi Sood engaged in keynote session in workshop on "CO-Attainment-Computation and Achievements." in Department of Academic Affairs, Chandigarh University, 20, January 2024.

- 'Quality enhancement of Higher Education Institutes in light of NEP 2020' on 27 January, 2024 Central University of Jammu (J&K) by Dr. Meenakshi Sood.
- Dr. Meenakshi Sood engaged as Expert Session by in Faculty Development Program (FDP) at Chandigarh University. "Articulations, Mappings & Attainments" on 6 Jan 2024.
- Dr. Meenakshi Sood as Expert in Panel discussion on Role of Effective Technology Support for NEP implementation in the event “Digital Transformation 2.0 Onfinity Technologies” on 19 Jan 2024.
- Dr. Meenakshi Sood as Board of Studies of the Humanities & Social Sciences Department at the KIET Group of Institutions. Delhi-NCR.