

# CURRICULUM DEVELOPMENT CENTRE

October to December, 2023



## 1. Training Programme:

### Short Term Courses:

1. CAD for Outcome based Education from 10-14 Oct 2023; Coordinated by Dr. Rajesh Mehra
2. Curriculum Design and Evaluation from 17-21 Oct 2023; Coordinated by Dr. A.B. Gupta
3. NSQF Aligned Skill Development from 31 Oct – 04 Nov 2023 Coordinated by Dr. Rajesh Mehra
4. Effective Curriculum Implementation from 20-24 Nov 2023; Coordinated by Dr. A.B. Gupta
5. Curriculum Design for Developing Job related Competencies from 04-08 Dec 2023; coordinated by Dr. Meenakshi Sood.

<u>TASK</u>	<u>RELATION</u>	<u>VALUES</u>
Relating knowledge to present.	Interacting	Good moral character
Open to new ideas	Humane	Humble
<u>Communication Skills</u>	Patient	Strict
	Accessible	Regular
	Appreciative	Spiritual
	Understanding	Straight forward

FDP on Curriculum Design for Developing Job related Competencies from 04-08 Dec 2023

6. NSQF Aligned Curriculum Design and Implementation from 11-15 Dec 2023; Coordinated by Dr. S.K. Gupta

### **Support to other departments/organizations by Faculty**

- Prof. PK Singla delivered lecture during STC on ‘OBE for NEP 2020 Implementation’ Coordinated by Dr BS Pabla from 9-13 October. Engaged an Expert Session on ‘Curriculum Development Aspects in OBE’ on October 10, 2023.
- Prof. PK Singla engaged an online expert session during STC on Management Skills for Professional Teacher Excellence held from October 16-20, 2023 in the Media Centre Department on Human Values/Ethics, Health and Happiness, Media Engineering Department (Dr Rakesh Wats) on October 18, 2023.
- Prof. PK Singla as Guest of Honour during the Valedictory Ceremony of ‘11th International Conference on Advancements in Engineering and Technology (ICAET-2023)’ Organized by Bhai Gurdas Institute of Engineering and Technology BGIET, Sangrur (online).
- Dr. Meenakshi Sood engaged session on “Institute Preparedness for NEP2020 Implementation” in STC on OBE for NEP 2020 Implementation on 13 October, 2023 for Mechanical Engg department.
- Dr. Meenakshi Sood engaged session on “Education 4.0 in line with I4.0” in short term course on “Employability Skills for Industry 4.0” (ICT-97) from 16th to 20th October 2023 for EDIC department.
- Dr. Meenakshi Sood engaged session on “Implementation of NEP-2020 in Higher Education” in Faculty induction training programme for newly recruited teachers" from 20th November -1st December 2023 for EMGT Department.
- Dr. Meenakshi Sood engaged session on Curriculum Design for Education 4.0 in STC On ‘NSQF Aligned Curriculum Design and Implementation’ from Dec 11-15, 2023 for CDC Department.

## 2. Curriculum Development:



**Experts for the Workshop**

- Conducted 4 Curriculum development workshops for PSBTE, Punjab as following.
  - Workshop to design of curricula for PSBTE – Electrical Engineering conducted on October 11, 2023.
  - Workshop to design of curricula for PSBTE – Mechanical Engineering (Part Time) conducted on November 6, 2023.
  - Workshop to design of curricula for PSBTE – Electrical Engineering (Part Time) conducted on November 23, 2023.
  - Workshop to design of curricula for PSBTE – Civil Engineering (Part Time) conducted on November 23, 2023.

### 3. Research & Development:

#### A. PUBLICATIONS

- Divya Sharma, Rajesh Mehra, Balwinder Raj, Enhancement in Efficiency of Methyl Ammonium Tin Iodide-Based Pervoskite Solar Cell Using SCAPS-1D, NANO: Brief Reports and Reviews, Vol. 18, No. 14, 2350109, December 2023. DOI: <https://doi.org/10.1142/S1793292023501096>.
- Sitaram Meena Amod Kumar, Meenakshi Sood, Rajesh Kumar Meena, Lung Cancer Detection and Classification Model Using Inception V3 Algorithm” Proceedings of Data Analytics and Management ICDAM 2023, Volume 3, November 2023 DOI: 10.1007/978-981-99-6550-2\_32.

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

No of M.E Thesis	2
No of Pd.D Thesis	1

### 4. Extension & Consultancy Services:

#### A. CONSULTANCY PROJECTS:

- NSQF compliant curriculum of 30 diploma courses for HSBTE, Haryana worth Rs. 91.45 lacs in progress.
- NSQF compliant curriculum of 24 diploma courses for PSBTE, Punjab worth Rs. 57.23 lacs submitted.

### 5. Other Activities:

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

- Attended FDP “Pedagogical Practices” on 31 Oct and 2-3 Nov 2023 at NITTTR, Chandigarh by Dr. SK Gupta.
- Attended FDP “Pedagogical Practices” on 31 Oct and 2-3 Nov 2023 at NITTTR, Chandigarh by Dr. Meenakshi Sood.
- Organized and attended one-day Awareness Workshop on National Credit Framework on 3 Oct. 2023 by Dr. Meenakshi Sood.
- Dr. Meenakshi Sood Expert session on “Institute Preparedness for NEP 2020” at Dr. B. R. Ambedkar National Institute of Technology (NIT) Jalandhar, to celebrate National Education Day (November 11, 2023) to commemorate the birth anniversary of Maulana Abul Kalam Azad.