

**CURRICULUM DEVELOPMENT CENTRE**

October to December, 2022

**1. Training Programme:****Short Term Courses:**

1. Curriculum Development Processes from 14-18 November, 2022; Coordinated by Dr. SK Gupta.
2. NSQF Aligned Curriculum Design and Implementation from 5-9 December, 2022; Coordinated by Dr. SK Gupta.
3. Developing Academic & Administrative Leadership from 12-16 December, 2022; Coordinated by Dr. Meenakshi Sood.
4. Effective Curriculum Implementation from 12-16 December, 2022; Coordinated by Dr. AB Gupta.

**2. Curriculum Development:**

- 24 NSQF compliant curriculum design workshops were held from October to December 2022 for Punjab State Board of Technical Education.
- 7 NSQF compliant curriculum design workshops were held from October to December 2022 for Haryana State Board of Technical Education.
- Curricula Revised of 1<sup>st</sup> year of 18 diploma programmes revised in collaboration with Directorate of Skill Development, Jammu and Kashmir. The revised curriculum implemented in Jammu and Kashmir state w.e.f. October, 2022.
- Curricula of 1<sup>st</sup> Year of Diploma Programme in Artificial Intelligence and Machine Learning for HSBTE, Haryana.
- Curricula of 1<sup>st</sup> Year of Diploma Programme in Hotel Management and Catering Technology for HSBTE, Haryana.

**3. Research & Development:****PUBLICATIONS**

- Divya Sharma, Rajesh Mehra & Balwinder Raj,,: Optimization of tin based Perovskite Solar Cell employing CuSbS<sub>2</sub> as HTL: A numerical simulation approach, SCI Journal.
- Divya Sharma, Rajesh Mehra & Balwinder Raj,,: Comparative study of hole transporting layers commonly used in high-efficiency perovskite solar cells, SCI Journal.

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- Divya Sharma, Rajesh Mehra & Balwinder Raj,,: Design and analysis of various solar cell technologies for improvements in efficiencies, SCI Journal.

#### **4. Extension & Consultancy Services:**

- Capacity Building Training Programme For Principals of Higher Education Department, Haryana conducted by Dr. Meenakshi Sood, Prof. SS Gill and Prof. Maitreyee for Higher Education Institute, Haryana.
- GATI SHAKTI project conducted by Dr. Meenakshi Sood to Frame the contents and submitted to Director.

#### **5. Training Programmes Attended By The Institute Faculty/Staff :**

- Online Training Programme on IGNOU-NEP PDP Project was attended by Meenakshi Sood for 7 days from 27-10-2022 to 02-11-2022.
- Training Programme on Multicounty observational Study Mission on Industry 4.0 Digital Industrial Platform at SGPC, Singapore for 3 days from 23-11-2022 to 25-11-2022.

#### **6. Workshops Conducted (Other than Curriculum Development Workshops) :**

- Workshop on India Largest SC Talent Search on “New India Using Digital Devices & Technology” from 15-16 Oct. 2022.

