

CURRICULUM DEVELOPMENT CENTRE

July to September, 2022

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

1. Accreditation Process and Criteria from 25-29 July, 2022; Coordinated by Dr. Meenakshi Sood.
2. Curriculum Design and Evaluation from 8-12 August, 2022; Coordinated by Dr. AB Gupta.
3. Outcome Based Curriculum Design from 05-09 September, 2022; Coordinated by Dr. Meenakshi Sood.
4. Effective Conduct of Labs and Workshops from 12-16 September, 2022; Coordinated by Dr. AB Gupta.
5. NSQF Aligned Curriculum Design and Implementation from 19-23 September, 2022; Coordinated by Dr. SK Gupta

2. Curriculum Development:

1. 19 NSQF compliant curriculum design workshops were held from July to September 2022 for Punjab State Board of Technical Education.
2. 1 NSQF compliant curriculum design workshop was held from July to September 2022 for Haryana State Board of Technical Education.
3. Submission of 3 Job Role Curricula i.e. Electrician, Plumber, and Fitter for Jal Jeevan Mission under Punjab Skill Development Mission, Chandigarh.
4. Curriculum of 3rd Semester diploma in Automation and Robotics Diploma submitted to HSBTE, Haryana.
5. Curriculum of 3 years degree programme for Agniveers and submitted to Ministry of Education.
6. Curriculum of 1 year diploma course for Agniveers and submitted to Ministry of Education.
7. Curriculum of 6 months certificate course for Agniveers and submitted to Ministry of Education.

3. Research & Development:**PATENTS/COPYRIGHT**

- Patent on “A Device of Developing a BIS (sulfanylidene) tungsten and a Spiroometad based Efficient Pervoskite Solar Cell” by Prof. Rajesh Mehra & Er. Srishtee Chaudhary.

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PUBLICATIONS

- Divya Sharma, Rajesh Mehra & Balwinder Raj, : Mathematical Modelling and Simulation of $\text{CH}_3\text{NH}_3\text{Pb}(\text{I}_{1-x}\text{Br}_x)_3$ based Perovskite Solar Cells for High Efficiency, SCI Journal.
- Meenakshi Sood, Shruti Jain & Jyotsna Dogra, 7-8 September 2022 (Online): Classification and Pathologic Diagnosis of Gliomas in MR Brain Images in ICMLDE 2022, International Journal.

4. Extension & Consultancy Services:

- NSQF compliant curriculum of 28 diploma courses for HSBTE, Haryana in progress.
- NSQF compliant curriculum of 24 diploma level programmes from Punjab State Board of Technical Education, Punjab in progress.
- A Project of Rs. 2,65,000/- to design 3 Job Role Programs for Jal Jeevan Mission of Punjab Skill Development Mission has been completed.
- Academic and Administrative Competency Programme for Principals, HODs, TPO of Haryana project completed by Dr. Meenakshi Sood and Prof. SS Gill for the State of Haryana.
- Administration, Planning, Monitoring and Training for foreman for Uttarakhand State
- Academic and Administrative Competency Programme for Himachal Pradesh

