

CURRICULUM DEVELOPMENT CENTRE

January to March, 2022



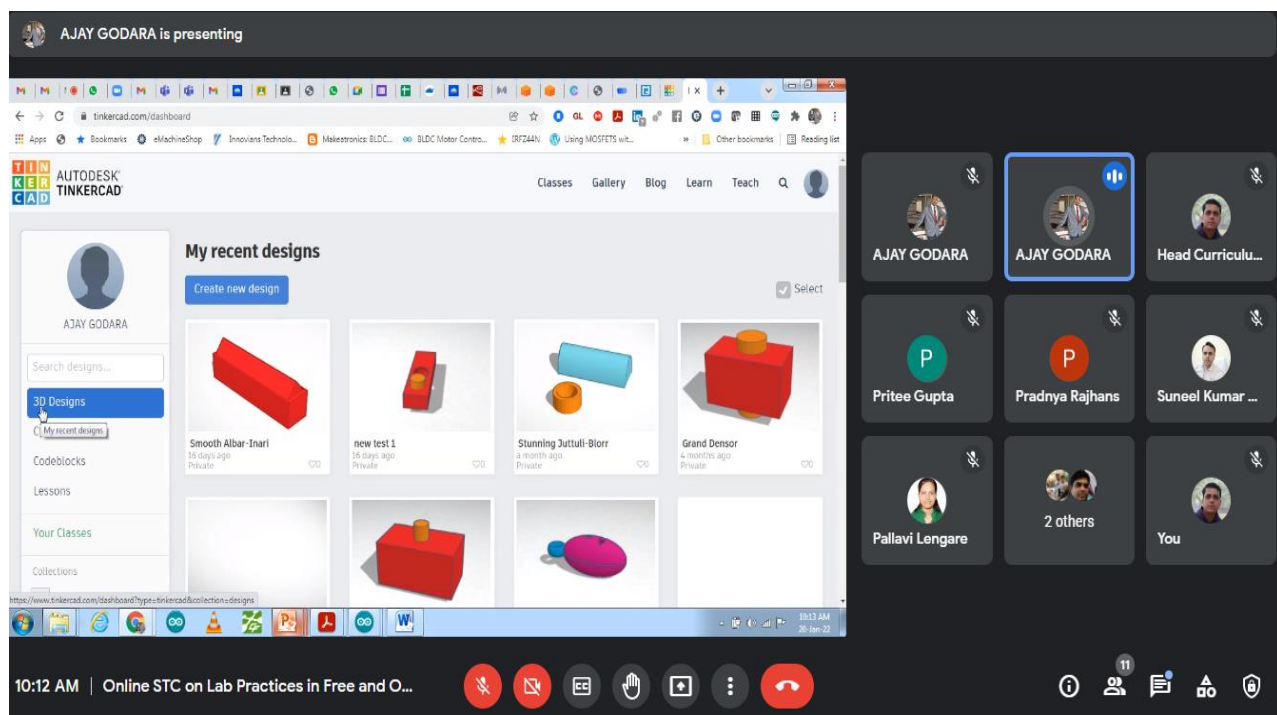
1. Training Programme:

Long & Short Term Programmes:

- ME Classes of ECE/CSE students by Dr. Meenakshi Sood

Short Term Courses:

1. Lab Practices in Free and Open Source Softwares from 17-21 January, 2022; Coordinated by Dr. Rajesh Mehra



January – March, 2022

[Type here]

[Type here]

[Type here]

2. Reform in Examination and Evaluation from 07-11 February, 2022; Coordinated by Dr. Meenakshi Sood
3. Planning, Execution and Evaluation of Project Work from 14-18 February, 2022; Coordinated by Dr. AB Gupta
4. Effective Curriculum Implementation from 21-25 February, 2022; Coordinated by Dr. SK Gupta
5. Skill Development for Industry 4.0 from 07-11 March, 2022; Coordinated by Dr. Rajesh Mehra
6. Curriculum Development Process from 21-25 March, 2022 ; Coordinated by Dr. SK Gupta
7. Curriculum Development Process from 28th March to 1st April, 2022; Coordinated by Dr. SK Gupta

2. Curriculum Development:

- Curriculum Development Workshop in progress for HSBTE, Haryana



January – March, 2022

[Type here]

[Type here]

[Type here]

- Curriculum Development Workshop in progress for Punjab State Board of Technical Education, Punjab.



- Job Role Development Workshop for Jal Jeevan Mission under Punjab Skill Development Mission, Chandigarh in progress.



January – March, 2022

[Type here]

[Type here]

[Type here]

3. Research & Development:

- One Ph.D. awarded under the guidance of Professor (Dr.) Rajesh Mehra.
- Ph.D. guidance by Dr. Rajesh Mehra and Dr. Meenakshi Sood.
- Salau Olalekan Ayodeji, Jain Shruti, & Sood Meenakshi, “Computational Intelligence and Data Sciences – Paradigms in Biomedical Engineering”, March 2022, Taylor & Francis Group, First Edition.

PUBLICATIONS

- Divya Sharma, Rajesh Mehra, Balwinder Raj, “Methods for Integration of III-V Compound and Silicon Multijunction for High Efficiency Solar Cell Design”, SCI Silicon Journal, February 2022, <https://doi.org/10.1007/s12633-022-01691-x>.
- Divya Sharma, Rajesh Mehra, Balwinder Raj, “Design and comparative analysis of various planar perovskite solar cells through numerical simulation using different HTLs to improve efficiency”, SCI Journal of Optical Materials, Volume 126, PP.1-8, March 2022, <https://doi.org/10.1016/j.optmat.2022.112221>.

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.
- Undertaken Project of Rs. 2,65,000/- to design 3 Job Role Programs for Jal Jeevan Mission of Punjab Skill Development Mission in progress.

