

CDL State Institute of Engg. & Tech., Panniwala Mota, Sirsa, Haryana, India

Patents Registered / Filed

S. No	Name of Faculty	Designation	Title of Patent	Patent / Application No.	Date of Publishing	Authors
1.	Dr. Suman Rani	AP,ECE	Smart Solar Panel Cleaning System and Method Using Rain-Sensor Activated Pad Wiping	2025110739510, Office of the Controller General of Patents, Designs & Trade Marks Department for Promotion of Industry and Internal Trade Ministry of Commerce & Industry. Government of India		Dr. Suman rani, dr. Sandeep Singh, dr nisha, er veenu,
2.	Dr Vidhu Kiran	AP, CSE	Extraction Silica: Method and Technique to Extraction Silica using Machine Learning	Patent number: 20201043380	29-Dec-20	Vidhu et. al.
3.	Dr Vidhu Kiran	AP, CSE	Multipurpose chopper board	411477-001	24.03.2024	Vidhu et. al.
4.	Dr Vidhu Kiran	AP, CSE	Multipurpose study table	391697-001	01.08.2023	Vidhu et. al.
5.	Dr Vidhu Kiran	AP, CSE	Club Foot's Digital Brace	370449-001	06.09.2022	Vidhu et. al.
6.	Dr Vidhu Kiran	AP, CSE	Design Patent on Innovative and Object Picker	354543-001	09.12.2023	Vidhu et. al.
7.	Dr. Vikas Gupta	AP, MED	Self-Draining Tray To Eliminate Stagnant Water For Commercial Air Cooler	468011-001, Patent Office, Government of India.	12.5.2026	Dr. Neeraj Gupta,Dr. Om Parkash, Dr. Vikas Gupta, Dr. Sandeep Dhariwal, Dr. Rashmi Gupta
8.	Dr. Vikas Gupta	AP, MED	AI Based 3D Metal Printing Machine	425534-001 , Patent Office, Government of India.	06.02.2026	Dr. Vineet Kumar Goel, Dr. Vikas Gupta, Dr. Rajesh Bansal, Dr. Dinesh Kumar, Dr. Ravikant, Dr. Om Parkash
9.	Dr. Vikas Gupta	AP, MED	IOT Based Portable Hydroponic Water Nutrient Monitoring Device	425535-001, Patent Office, Government of India.		Dr. Vineet Kumar Goel, Dr. Vikas Gupta, Dr. Rajesh Bansal, Dr. Dinesh Kumar, Dr. Ravikant, Dr. Om Parkash
10.	Dr. Vikas Gupta	AP, MED	Sustainable Compost Machine	202421073820	In process	Dr. Iti Gontia-Mishra, Dr. Neeraj Gupta, Dr. Ravikant, Dr. Priyanka Mishra-Dubey, Dr. Arun Kumar Singh, Dr. Swapnil Sapre, Dr. Anubha Sharma, Dr. Vikas Gupta, Dr. Yash Paul Singh Berwal, Dr. Rajesh Kumar Bansal, Dr. Vineet Kumar Goel
11.	Dr. Vikas Gupta	AP, MED	High-Stability Clamp For Multi-Layered Lunchboxes	452822-001, CBR Number: 206358 CBR Date:25/03/2025	In process	Dr. Neeraj Gupta, Dr. Om Parkash, Dr. Vikas Gupta Dr. Rajesh Bansal, Dr. Arvind Gupta, Manish Jindal
12.	Harish Kumar	AP, CE	Portable Water Filter	202431006177 A , Patent Office , Government of India, Journal no. 01/2025 Dated 03 January 2025	03-Jan-25	Harish Kumar et al.
13.	Harish Kumar	AP, CE	Paver Block	487619-001, Patent Office, Government of India	03-Apr-26	Harish Kumar et al.