

Velammal College of Engineering and Technology, Madurai - 625 009

(Autonomous)

Centre of Excellence on Innovative Product Development

About CoE

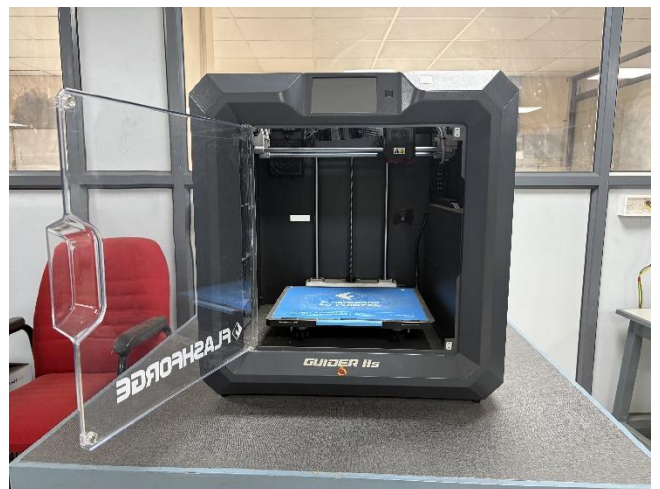
The Centre of Excellence on Innovative Product Development serves as a hub for innovation by providing access to cutting-edge tools and technologies such as 3D Printing, PCB Design & Fabrication, Laser Cutting & Engraving and IOT. It has been established with an outlay of Rs. 21 Lakhs to encourage students and faculty members to engage in creative and research-driven activities. It fosters creativity, critical thinking, and hands-on learning among engineering students. Specialized training programs, workshops, and internships are offered to students of VCET and other institutions. By bridging the gap between theory and practice, students are encouraged to apply their technical knowledge to real-world challenges. They are guided to develop operational prototypes, exploring product development from concept to completion. The initiative promotes interdisciplinary collaboration by bringing together learners from various engineering domains and also nurtures entrepreneurial skills and design thinking through structured activities. Start-up ideas and innovation projects are incubated with mentorship and technical guidance. Students are motivated to showcase their work in technical expos, competitions, and industry forums. This vibrant ecosystem plays a vital role in shaping students into future entrepreneurs and innovators.

Impact:

- Promotes research and innovation across Departments.
- Fosters collaboration between industry and academia.
- Enhances the employability of students through skill development in emerging technologies.

CoE Incharge: Dr. K. Kavitha, Prof. & Head / EE(VLSI)

3D Printing Machine



Printed Circuit Board Machines



Laser Cutting Machine

