



Faculty Development Program



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Event Outcome

Title : Hands-on Training on Circuit Simulation and PCB Prototyping to Product Integration Using Autodesk Eagle

Date : 2024-10-14 - 2024-10-18

Time : 10:00 - 17:30

Venue : TT232

- By the end of this training, participants will have a thorough understanding of circuit simulation and PCB design using Autodesk Eagle.
- They will be able to create, prototype, and integrate their own PCB designs into functional products.
- Learn about Signal Integrity and High-Speed Design
- enhancing their skills and boosting their teaching learning prospects in the technical course handling.
- to facilitate the faculty members for research patent submissions. extra mural research grants.

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|  | <p>Resource Person 1 - Details Name : Shree Soumiya kannan Designation : Application Engineer, USAM CADSoft India Private Limited University/ Company : USAM CADSoft India Private Limited, Electronics Address : India, 641012.</p> |
|  | <p>Resource Person 2 - Details Name : Robinson Charly R Designation : Manager Technical, USAM CADSoft India Private Limited University/ Company : USAM CADSoft India Private Limited, Coimbatore Address : India, 641012.</p> |
|  | <p>Resource Person 3 - Details Name : Harish S Designation : Hardware Design Lead, Valeo Automotive Pvt Ltd Chennai University/ Company : Valeo Automotive Pvt Ltd, Chennai Address : india, 641012.</p> |
|  | <p>Resource Person 4 - Details Name : Kathirvelan J Designation : Professor Grade 1, School of Electronics Engineering University/ Company : VIT, Vellore Address : India, 632014.</p> |
|  | <p>Resource Person 5 - Details Name : Rohit Mathur Designation : Assistant Professor Sr. Grade 1, School of Electronics Engineering University/ Company : VIT, Vellore Address : India, 632014.</p> |
|  | <p>Resource Person 6 - Details Name : Renold Elsen S Designation : Professor Grade 1, School of Mechanical Engineering University/ Company : VIT, Vellore Address : India, 632014.</p> |

Resource Person's Profile :

1. Profile of Shree Soumiya kannan

Profile Information: Kannan is a skilled Application engineer with extensive experience in PCB design, CAD modeling, and 3D printing. As an instructor, Kannan has successfully guided students and professionals through various technology-based courses, focusing on practical, hands-on learning. With a background in delivering skill training workshops and webinars on Fusion 360, Inventor iLogic, and AutoCAD, Kannan specializes in turning complex technical topics into easy-to-understand sessions fo

2. Profile of Robinson Charly R

Mr. Robinson is a expert in PCB design, CAD modeling, and 3D printing. As an instructor, he has successfully guided students and professionals through various technology-based courses, focusing on practical, hands-on learning. With a background in delivering skill training workshops and webinars on Fusion 360, Inventor iLogic, and AutoCAD, his specializes in turning complex technical topics into easy-to-understand sessions for beginners.

3. Profile of Harish S

Mr. Harish.S is a senior hardware design engineer with more than nine years of expertise in the defense, aerospace, and automotive sectors. He is presently serving as a Hardware Design Lead at Valeo Automotive Pvt Ltd, Chennai with a strong professional foundation built through previous roles at Data Patterns and Microchip Pvt Ltd in Chennai. He has completed his Bachelor degree in Electronics and Communication engineering from University College of Engineering, Arni (a constituent college of A

4. Profile of Kathirvelan J

Prof Kathirvelan Dynamic and self-motivated Teaching cum Research faculty in School of Electronics Engineering. Working in the domain of IoT, sensor and wearable technology.

5. Profile of Rohit Mathur

Rohit Mathur (Senior Member IEEE), Received Ph.D degrees in Electronics Engineering from IIT(ISM) Dhanbad in 2021. He earned his B.Tech. and M.Tech. degrees in Electronics and Communication Engineering from Rajasthan Technical University, Kota, in 2010 and 2014, respectively. From 2021 to 2023, he was a Post-Doctoral Fellow with the RF and ECE Diagnostic Group at the Institute for Plasma Research, Gandhinagar, India, where he focused on Reflectometry for Tokamak. Since 2023, he has been serving

6. Profile of Renold Elsen S

Renold Elsen S is a Professor in Department of Design and Automation, VIT University.

This workshop offers an intensive, hands-on training experience focused on the application of Autodesk Eagle software for circuit simulation, PCB prototyping, and product integration. Aimed at electronics and electrical faculty, research scholars, and faculty from other department interested to learn PCB designing, the session provides a comprehensive overview of electronic design automation (EDA) processes, emphasizing practical skills and real-world applications.

Autodesk Fusion 360 Eagle

**Coordinator's: Prof. ROHIT MATHUR 20209 - Assistant Professor Sr. Grade 1 - SENSE
Prof. KATHIRVELAN J 11885 - Professor Grade 1 - SENSE**