

REPORT ON WORKSHOP ON “PROCESS/PROTOTYPE DESIGN AND DEVELOPMENT

DATE: 10/7/2024

VENUE: SIEMENS INTEGRATED RESEARCH LAB

Institution's Innovation Council (IIC) of AVIT conducted a workshop on “Process/Prototype Design and Development”. On July 10, 2024, a comprehensive session on process/prototype design and development was conducted with Dr. L. Chitra, IIC Convener and Head of the Department, EEE, serving as the resource person at Siemens Integrated research lab. The primary focus of the session was to delve into the intricacies of effective prototype development and streamline the design process. The attendees included a diverse group of professionals keen on enhancing their understanding and skills in this area.

Dr. L. Chitra commenced the session by 10:00AM with an insightful presentation on the fundamental principles of prototype design. She emphasized the importance of an iterative approach, where continuous feedback and refinements play a crucial role in achieving an optimal design. She illustrated her points with real-world examples, showcasing successful prototypes that evolved through multiple iterations. This set the stage for a deeper exploration of the methodologies and best practices in prototype development. Dr. L. Chitra highlighted the benefits of cross-functional teams, where diverse expertise can contribute to a more robust prototype. She encouraged participants to foster open communication and active collaboration within their teams, stressing that a collective effort often leads to more innovative solutions. To illustrate this, she shared case studies where collaborative efforts resulted in significant breakthroughs in prototype development. Towards the end of the session, Dr. L. Chitra outlined the key steps for effectively managing the transition from prototype to final product. She discussed strategies for scaling up production, ensuring quality control, and managing costs. This comprehensive approach provided attendees with a clear road map for taking their prototypes to market, addressing common pitfalls and offering practical solutions to potential challenges.

The session concluded with a Q&A segment, where participants had the opportunity to seek further clarification and advice on specific issues related to their projects. Dr. Chitra's thorough and thoughtful responses left a lasting impression on the attendees, who expressed their gratitude for her valuable insights and guidance. The session ended with the Vote of Thanks shared by Ms. Geethi. P, Faculty coordinator of IIC in EEE Department.



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EVENT BROCHURE



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Institution's Innovation Council

Cordially invites you all for the

Workshop on

**Prototype/Process Design
and Development**

Resource Person



Dr. L. Chitra
Convenor IIC, HOD/EEE



10. 07. 2024

10:00 AM



Siemens Integrated Engineering Design Research Lab



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EVENT GALLERY

