

**AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY
VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY)**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

**Report On Two days Workshop on " Hands - On MATLAB
Programming for Electrical Engineers "**

Date: 13/08/2024 & 14/8/2024

Venue: Siemens Integrated Engineering Design Lab

Time : 9.00 am to 3.30 pm

The Electrical and Electronics Engineering Department organized a two-day intensive workshop on "Hands-On MATLAB Programming for Electrical Engineers" for the students of Electrical and Electronics Engineering. Mrs. P. Poornima delivered the welcome address. Dr. L. Chitra, Professor and Head of the Electrical and Electronics Department, provided an overview of MATLAB and its importance to the students. The resource person was Dr. K. R. Devabalaji, Associate Professor, EEE. The workshop was designed to provide participants with a deep understanding of MATLAB, a powerful computational software widely used in engineering. It covered a range of topics essential for MATLAB programming. The participants were introduced to MATLAB basics, including the Command Window, Workspace, and Editor. The session also delved into advanced topics such as matrix operations, vector indexing, and built-in functions. Hands-on exercises were conducted to solidify the concepts learned.

The participants were able to understand the MATLAB environment and its basic operations, execute MATLAB commands for various mathematical and engineering applications, and create and manipulate matrices and arrays efficiently. Participants appreciated the hands-on approach of the workshop, which allowed them to apply theoretical concepts in practical scenarios. The facilitator's expertise and teaching methodology were highly commended. In conclusion, the workshop was a significant success, with 33 participants gaining valuable skills in MATLAB programming that are crucial for their academic and professional growth in electrical engineering.



