HANDS ON TRAINING USING MOTORSOLVE

Event No	SPL LABS002
Organizing Department	Special Laboratories
Associate Dept. | NSC	Electrical and Electronics Engineering
Date	09/03/2024
Time	09:00 AM to 04:00 PM
Event Type	VAC / Training Program
Event Level	NSC
Venue	EIWTC

Related SDG

Involved Staffs

Sl	Name	Role
1	Lalitha B	Convenor

Outcome

Modelling of BLDC motor using Motorsolve software

Event Summary

The EKKI KPRIET International Water Technology Centre (EIWTC) organized a hands-on workshop on "Design of BLDC Motors using Motor Solve Software" on 09/03/2024. A heart-warming welcome was delivered by Prof.B.Lalitha, AP (Sr.G). Prof.C.J.Vignesh, AP (Sr.G)/EEE has delivered valuable hands-on presentation on• Basics of Motorsolve software• Model building in Motorsolve software• Statics 2D modelling of electromagnet• Brushless motor – 2D transient with motion• Import and export design model into solid work• Statics BLDC motor and induction motor design• Flux analysis and field study on motor modelThe hands-on program provided the experience on installation of Design of BLDC Motors using Motor Solve Software, menu and tools usage, 2D design, application of Magnet software. The vote of thanks was delivered by Dr.C.Pazhanimuthu, AP (Sl.G)/EEE. There were 29 students actively participated the programme and get benefited. At the end of the session the students can able to designed the brushless DC motor using Motorsolve software. The department of EEE thanks to the management for providing this opportunity to conduct the two-day workshop successfully.

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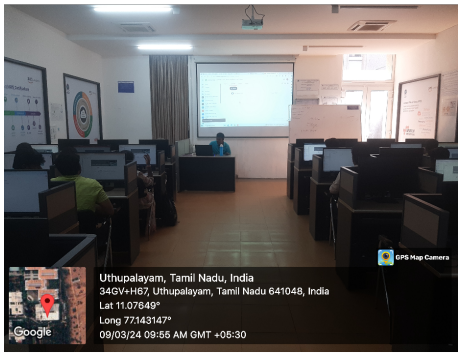

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