B.M.S COLLEGE OF ENGINEERING, BENGALURU-19
(Autonomous Institute, Affiliated To VTU)

Department of Electrical and Electronics Engineering

EVENT REPORT

Title	**3 DAY HANDS ON WORKSHOP ON MAGNETIC DESIGN, SIMULATION AND DEVELOPMENT**	
Date	From: 21 Sep 2024	To: 23 Sept 2024
Time	From: 9:00 AM	To: 6:00 PM
Duration	3 days	
Event Type	Workshop	
Brief Description (4-5 Lines Max)	The workshop started with the fundamentals of magnetic design for high-frequency power converters, key considerations in transformer and inductor design and optimizing core utilization and reducing losses. A session on FEM simulation using Trafolo software was conducted to familiarize the participants with the magnetic design concepts. Practical hands-on sessions were conducted on winding techniques, board design, assembling and testing od boost and forward power converters. A field visit was organized to Indian Institute of Science to explore state-of-the-art research labs where the demonstrations of ongoing projects in magnetics and power electronics were carried out.	
Poster		

Event Photos		
No. of Participants	35	

Faculty Co-ordinators
Dr.Prema V

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