

RESEARCH GROUPS OF THE SCHOOL

Research Group (s)	Thrust Areas
Machine and Power Electronics	<i>Converter topology and control, Interfacing with Renewable Sources, Machine control and automation</i>
Electric Vehicle	<i>Drive train system, Energy storage system and management, charging technology, Motion control of EVs.</i>
Power Quality	<i>FACTS, Planning of Active distribution system, Intelligent Monitoring, and Preventive Control.</i>
Renewable Energy	<i>MPPT Techniques, Grid Connection Control Technique, Partial shading effect, standalone systems.</i>
Smart Grid	<i>Optimal placement of PMU, Distributed Generation and Micro-Grid, Energy trading, IoT Applications.</i>
Power Generation	<i>Applications of Computational Tools, Generation scheduling, Power Apparatus.</i>

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