

FACULTY PROFILE

Name:	Dr.N.M. Jothi Swaroopan	
RMK ID:	T0779	
Designation:	Professor	
Department:	Electrical and Electronics Engineering	
Date of Joining in RMK	17.12.2011	

EDUCATIONAL QUALIFICATION

	Degree	Specialization	Year of Passing	Class
UG	B.E	Electrical and Electronics Engineering	1997	I st
PG	M.E	Power System	2004	I st
Ph.D	Ph.D	Electrical Engineering	2011	-
Area of Specialization:	Power System, Power Electronics , Electric Vehicle & AI			

WORK EXPERIENCE (in Years)-As on 31st October 2025

Teaching	Research	Industry	Other	Total	In RMK
29	15	Nil	Nil	27	15

PROJECT/RESEARCH GUIDANCE

PROJECT GUIDANCE		RESEARCH GUIDANCE	
UG	PG	Ph.D Completed	Ph.D On Going
25	15	13	08
NO. OF PAPERS PUBLISHED		PATENT	
Overall	After Joining RMK	Published	Granted
58	51	04	02

RESEARCH PROJECTS

No. of Projects	Amount (Rs.)	Funding Agency	Status (Completed/Ongoing)
06	25 lakhs	DST & AICTE	Completed

CONSULTANCY

No. of Consultancy Work	Total Amount
02	Rs. 1,00,000

BOOK'S PUBLISHED

No. of Books published	02 (Book Chapter)
Name of the book, Publisher with ISBN and Year of publication	Implement Using KY Converter for Hybrid Renewable Energy Applications: Design, Analysis, and Implementation." In Advanced Statistical Modeling, Forecasting, and Fault Detection in Renewable Energy Systems. Intech Open, 2020
	Segmentation of Transmission Tower Components Based on Machine Learning" in Machine Learning Hybridization and Optimization for Intelligent Applications, Routledge-Taylor & Francis group

India Patent Agent: IN/PA 6016