


FACULTY PROFILE

Name of Teaching Staff / RMK ID	K. Naresh Kumar / T0984			
Designation	Assistant Professor			
Department	Electrical and Electronics Engineering			
Date of Joining the Institution	21.06.2018-Regular Faculty			
Qualifications	B.E – EEE (Regular)	M.E – Power Systems Engineering (Regular)	Ph.D (Pursuing) (Part time)	
Total Experience in RMK	5.11 Years			
Total Experience Overall	12.11 Years			
Papers Published in Journal	Overall : 16		After Joining RMK : 13	
List of Papers Published	<ol style="list-style-type: none"> 1. Power quality enhancement in a distribution system using inductive active filtering technique 2. Enhancement of Power Quality in Transmission Network Using TCSC 3. Integration of UPQC With New Converter Transformer for Power Quality Improvement 4. Tap Changing of Autotransformer using Internet of Things 5. Bidirectional converter with hybrid UPQC implementation for power quality improvement 6. Smart Hub for Energy Meters 7. Automated Level Crossing with Alert System and GSM 8. Study of Power Quality Improvement using LS–UPQC in distribution Networks 9. Investigation of RSUPQC with New Converter Transformer in the Distribution Networks for the power quality Improvement 10. Comparative Analysis of Bridgeless, Interleaved and Bridgeless Interleaved Boost PFC using PI and Hysteresis Controller 11. Voltage Balancing Technique in Multilevel Inverter based STATCOM: A Review 12. Power quality improvement using inductive active filter 13. Effect of New Converter Transformer with Inductive Active Filtering in Distribution System 14. Power Factor Improvement Of Ev Charger Using Landsman Converter 15. Charging Station for E-Vehicle using Solar with IoT 16. Analysis of Power Quality for Distribution Networks Using Active Compensator 			
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 3		After Joining RMK : 1	

Ph.Ds / Projects Guided	Ph.Ds Guided : NIL	Student Projects Guided : 9
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Books Published :	Count : 01	
	List : High Voltage Transmission	
Patents	Published Count :01	Granted Count : NIL
	List : A Low Cost Auto Tracking Solar Panel Cell PhoneCharger	
Professional Memberships	Count : 02	
	List : 1. Indian Society of Technical Education (ISTE) 2. International Association of Academic Plus Corporate	
Consultancy Projects Completed	Count : 02	
Awards Received	Count : 02	
	List : 1. IEL Best Project Award – For Mentorship 2. Best Young Researcher award - Knowledge Research academy Coimbatore	
Research grants Received	NIL	
Orchid Link / ID	ID :: 0000-0002-4658-6604	
Google Scholar Link / ID	ID : tHgdF7wAAAAJ	
Vidwan Link / ID	ID : 305198	
Research Gate Link / ID	https://www.researchgate.net/profile/Naresh-Kumar-Kothandaraman-2/research	
Scopus Link / ID	ID : 56896290300	