

FACULTY PROFILE

Name of Teaching Staff / RMK ID	Dr.Y. Alexander Jeevanantham/ T0983			
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 Electronics (Regular)	Ph.D- Investigation on Multilevel Inverter Topology for power quality improvement in UPQC for Distribution system.	
Total Experience in RMK	5.2 Years			
Total Experience Overall	16.11 Years			
Papers Published in Journal	Overall :12		After Joining RMK :08	
List of Papers Published	<div>1. Y. A. Jeevanantham, S. A, V. V, S. I. J, S. Boopathi and D. P. Kumar, "Implementation of Internet-of Things (IoT) in Soil Irrigation System," <i>2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)</i>, Chennai, India, 2022, pp. 1-5, doi: 10.1109/ICPECTS56089.2022.10047185.</div> <div>2. Y.Alexander Jeevanantham, R.Muthusundaram, Rahul kumar mohanty, G.Ranjith, “Application of Arduino for Current Sensorless Self-Regulated Power Factor Correction”, <i>MSEA</i>, vol. 71, no. 4, pp. 5819–5826, Nov. 2022.</div> <div>3. Y. Alexander Jeevanantham and S. Srinath, "Ann based reduced switch multilevel inverter in upqc for power quality improvement," <i>Intelligent Automation & Soft Computing</i>, vol. 33, no.2, pp. 909–921, 2022.</div> <div>4. L. A. Isabella, Y. A. Jeevanantham, C. Ellis and R. Kameshwaran, ‘High voltage gain and conversion using bidirectional converter in microgrid and electric vehicle systems’, <i>Journal of Physics: Conference Series</i>, vol.1964. IOP Publishing Ltd, 7, 2021.</div> <div>5. Y. A. Jeevanantham, L. A. Isabella, K. Kumar, and C. Ellis, ‘Bidirectional converter with hybrid UPQC implementation for power quality improvement’, <i>Journal of Physics: Conference Series</i>, IOP Publishing Ltd, 7 2021.</div> <div>6. K.Naresh Kumar, Y.Alexander Jeevanantham, K.Kaliagurumoorthi, “Study of Power Quality Improvement using LS – UPQC in distribution Networks”, <i>J Arch.Egyptol</i>, vol. 17, no. 9, pp. 6623 - 6636, Nov. 2020.</div>			

	<p>7. K.Naresh Kumar, S. Srinath, Y. Alexander Jeevanantham, M. Thiyagesan and L Annie Isabella, "Investigation of RSUPQC with New Converter Transformer in the Distribution Networks for the power quality Improvement", Test Engineering and management, vol.82,pp.13242-13249,feb 2020.</p> <p>8. Y.Alexander Jeevanantham, K.Naresh Kumar, L. Annie Isabella and M. Thiyagesan, "Voltage Balancing Technique in Multilevel Inverter based STATCOM: A Review" Test Engineering and management, vol.82,pp.14957-14960,feb 2020.</p> <p>9. Kanivizhaiyan N, Y.Alexander Jeevanantham and Navaneetha Krishnan. N, "Usage of EV and Its Impact on Rural & Urban Area and Its Method of Alternate", vol.7, pp.2312-2317, 2020.</p> <p>10. Jeevanantham A. Y, Muralidharan. S and Karthikeyan. R "Review of Power Sector Growth in India". International Journal of Latest Trends in Engineering and Technology. Vol.5 (3), May 2015.</p> <p>11. P.Vivek, J.NandaGopal, Y.Alexander Jeevanantham and K.Kaliagurumoorthi," Design of reversable voltage Inverter for Solar PV Based Vehicle Charging, Vol.1 (11), pp.29-32 Nov 2015.</p> <p>12. Jeevanantham, Y.A., Vidhya, P., Pavithra, R., Divya, S.R., & Vinotha, M. (2018). Performance Analysis of Statcom by using Different Multilevel Inverter Topologies.</p>	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall :--	After Joining RMK :--
Ph.Ds / Projects Guided	Ph.Ds Guided :--	Student Projects Guided :22
Books Published :	Count :--	
	List :--	
Patents	Published Count :01	Granted Count :
	List : Continuous Power Supply from Solar Panel by using IRLED Lights	
Professional Memberships	Count :02	
	List : ISTE, IAAC	
Consultancy Projects Completed	Count :04	
Awards Received	Count :--	
	List :---	
Research grants Received	---	
Orchid Link / ID	ID : 0000-0001-5976-9138	
Google Scholar Link / ID	ID : pORh5GQAAAAJ	
Vidwan Link / ID	ID : 305150	

Research Gate Link / ID	ACR-3915-2022
Scopus Link / ID	ID : 57226782739