


<b>Name of Teaching Staff / RMKID</b>	<b>Ms.R.SUBASRI/ T1139</b>			
<b>Designation</b>	PROFESSOR			
<b>Department</b>	ECE			
<b>Date of Joining the Institution</b>	03.07.2024			
<b>Qualifications</b>	B.E (EEE)	M.E (AE)	PH.D	
<b>Total Experience</b>	Overall : 31 Years 6 months	in RMK : -		
<b>Papers Published in Journal</b>	Overall : -15	After Joining RMK :-		
<b>List of Papers published</b>	<ol style="list-style-type: none"> <li>1. <b>R.Subasri</b>, R.Bhanupriya, “ Nonlinear Disturbance Control in a wind Energy Conversion System Using Theta.D Control” International Journal of Emerging Trends in Electrical and Electronics. Vol.6,Issue.1, August 2013, pp.35-38.</li> <li>2. R. Meenakumari, <b>R. Subasri</b>, S. Jayamani and N. Kamaraj, "Investigation on the improvement of operational performance of SOEU'S in India using dea based Malmquist Index," <i>2010 IEEE International Conference on Industrial Engineering and Engineering Management</i>, 2010, pp. 963-966, doi: 10.1109/IEEM.2010.5674219.</li> <li>3. R Subasri, AM Natarajan, “Speed Estimation of Induction Motor Using Extreme Learning Machine Algorithm”, IJEST, 2012,VOL.6. Issue 1&amp;2, ISSN:0973-6255</li> <li>4. <b>R Subasri</b>, AM Natarajan, S Suresh “Discrete direct adaptive ELM controller for seismically excited non-linear base-isolated buildings”, IEEE Symposium on Computational Intelligence in Control and Automation,(CICA), 2013,148-154.</li> <li>5. <b>R Subasri</b>, AM Natarajan, S Sundaram, W Jianliang “Neural aided discrete PID active controller for non-linear hysteretic base-isolation building”, 9th Asian Control Conference (ASCC), 2013,1-8.</li> <li>6. <b>R Subasri</b>, S Suresh, AM Natarajan “Discrete direct adaptive ELM controller for active vibration control of nonlinear base isolation buildings”, Neurocomputing 129, 2014, 246-256.</li> <li>7. <b>R Subasri</b>, TY Rani “Fuzzy aided baseline controller for active vibration control of non-</li> </ol>			

linear hysteretic base isolation buildings”, International Conference on Cognitive Computing and Information Processing (CCIP), 2015,1-6.

8. A C Shri Nandhny, **R.Subasri**, “Design of machine learning algorithm for fault diagnosis in power transformer”,, International Journal of creative research thoughts (IJCRT), ISSN:2320-2882, Volume.6, Issue 1, Page No pp.1488-1493, February 2018.
9. **R.Subasri**, A.Aarthy, “Speed estimation in DC motor using Raspberry Pi Processor” International Journal of Scientific & Technology Research, Vol.:9, Issue: 03, March 2020
10. **R. Subasri** ,R. Meenakumari , Hitesh Panchal , M. Suresh , V. Priya , R. Ashok kumar & Kishor Kumar Sadasivuni, “Comparison of BPN, RBFN and wavelet neural network in induction motor modelling for speed estimation” International Journal of Ambient Energy, DOI: 10.1080/01430750.2020.1817779 (2020)
11. S.Deepasri, R. Meenakumari R and **R. Subasri**, “Design and Development of LabVIEW Based Battery Monitoring System For Electric Vehicles” Bioscience Biotechnology R.
12. V. Ramanan, R. Subasri, M. G. Vimal Kumar, K. T. Dhivya, P. S. Kumar and K. Roobini, "Next Generation Smart Garbage Level Indication and Monitoring System using IoT," 2021 Smart Technologies, Communication and Robotics (STCR), 2021,pp.1-4, doi: 10.1109/STCR51658.2021.9588961.
13. **Subasri, R.** Meenakumari, R. Velnath, S. Pongiannan and M. S. S. M. R. Kumar, "Model Identification of 3R Palnar Robot using Neural Network and Adaptive Neuro-Fuzzy Inference System," 2021 Third International Conference on Inventive Research in Computing Applications (ICIRCA), 2021, pp. 1666-1672, doi:10.1109/ICIRCA51532.2021.9544745.
14. R Meenakumari, R Subasri, SK Vidhyabharrathy, “Customized Design of Inductive Sensor for an Early Detection of Cracks in Indian Rail Transport., International Journal of Vehicle Structures & Systems, Vol.14, issue.7,2022
15. Suji Prasad S J, **Subasri R**, Thangatamilan M,

	<p>“Work Order Based Production System for Punching Machine Annunciator”, 2023, International Conference on Energy, Materials and Communication Engineering (ICEMCE): DOI:<a href="https://doi.org/10.1109/ICEMCE57940.2023.10434007">10.1109/ICEMCE57940.2023.10434007</a></p>	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 5	After Joining RMK : -
Ph.Ds / Projects Guided: - Student	Ph.Ds Guided :1 (Pursuing)	Projects Guided : 50
Books Published :	Count:3 1. Electro Magnetic Field, New Age International Publications, New Delhi, 2002, ISBN:9788122420166. 2. Electro Magnetic Field -Rev-1, New Age International Publications, New Delhi, 2007,ISBN:9788122420168. 3. Book Chapter : Blood Storage Container Temperature Indicator and Warning System. LAP Lambert Academic Publishing- 2021 –ISBN: 978-620-4-21006-3	
Patents	Published Count :1	Granted Count :-
	System for automatic fog cleaner for VISI cooler-202041012783 - 23/2020 dated 05/06/2020	
<b>Professional Memberships</b>	Count : 3 List: ISTE SSI ISA	
<b>Consultancy Projects Completed</b>	Count : 1 Measurement of earth resistance at BPCL, Cochin	
<b>Awards Received</b>	Count :2 List : 1. Received “ <b>Best Teaching Faculty Award</b> ” from Kongu Engineering College during 1996 & 2003. 2. Received “ <b>Best Placement co-ordinator Award</b> ” from Kongu Engineering College during 2018.	
<b>Research grants Received</b>	Seed Grant received from Kongu Engineering college. Design and Development of on-line performance monitoring system for three phase induction motor. Amount:1,30,000/- completed in 2022	
<b>Orchid Link / ID</b>	LINK: <a href="https://orcid.org/my-orcid?orcid=0000-0002-1683-0004">https://orcid.org/my-orcid?orcid=0000-0002-1683-0004</a> ID: 0000-0002-1683-0004	
<b>Google Scholar Link / ID</b>	<a href="https://scholar.google.com/citations?user=e2ef3AEA-AAAJ&amp;hl=en">https://scholar.google.com/citations?user=e2ef3AEA-AAAJ&amp;hl=en</a>	
<b>Vidwan Link / ID</b>	ID : 233152	

<b>Research Gate Link / ID</b>	<a href="https://www.researchgate.net/profile/Ramaiah-Subasri">https://www.researchgate.net/profile/Ramaiah-Subasri</a>
<b>Scopus Link / ID</b>	<a href="https://www.scopus.com/authid/detail.uri?authorId=6604064620">https://www.scopus.com/authid/detail.uri?authorId=6604064620</a> : ID: 6604064620