


FACULTY PROFILE

Name of Teaching Staff/RMKID	Sabari L Umamaheswari/T0828			
Designation	Assistant Professor			
Department	Electrical and Electronics Engineering			
Date of Joining the Institution	13.05.2014			
Qualifications	B.E–EEE	M.E– Power Systems Engineering	Ph.D:	
Total Experience in RMK	10 years			
Total Experience Overall	16 Years			
Papers Published in Journal	Overall:10		After Joining RMK:10	
List of Papers Published	<p>“Image Processing Based Speaking System For Mute People Using Hand gestures” Ms.Sabari L Umamaheswari , S Shivaram, Sathish ,Rishi Rahul, Sai bhargahv, Journal of Critical Reviews, Vol 7 issue 6 2020</p> <p>“Analysis of Peril And Mitigation in Engineering Education for Viable Augmentation”Dr.K.A Mohamed Junaid,Dr.D.Sudha,Sabari.L.Uma maheswari , Elsevier, Procedia Computer Science 172 (2020) 523–527</p> <p>“Performance Assessment of Pyramid shaped Double Slope Solar still for enhanced Distillation “Sabari L Umamaheswari , Perarasi, Karthiga. Test Engineering and management Vol 82, Feb 2020 “</p> <p>Radio Frequency Based Identification System and IoT Based Tech Genix Lock” “Sabari L Umamaheswari” Geintech journal , Vol 11, No 4, 2021, 5564-5576</p> <p>“Self-sustaining Hybrid Renewable Energy DC Micro grid with ideal energy supritendence for AC load operation” , Sabari L Umamaheswari, A Santhosh, Balireddy,D.Jothi prakash, Malagi Adithya,Jebamani.T, Turkish journal of Qualitative inquiry,Vol 6, july 2021,5790-5797</p> <p>“Patient Monitoring system” Sabari L Umamaheswari, Prakash.B,Palani.S,Rakesh.J, Ranjith, Turkish journal of Qualitative inquiry,Vol 6, july 2021,5798-5803</p> <p>“ IoT Based Fire Fighting Robot” Sabari L Umamaheswari,R Mohammed Atheeq,U.Nikil Surendar,S Navin Vaishanv ,IEEE Xplore 2022</p> <p>“ Third Eye: A device for visually impaired Persons “Sabari L</p>			

	<p>Umamaheswari,Amirtha A, E jayasree,Umees Ravi , MSEA Vol 71,no 4 , 2022</p> <p>“Space vector Pulse width Modulation with 7 level ANPC converters for capacitor voltage balancing “Sabari L Umamaheswari, Resna S R, R Yalini,Anithamary M,R Pandian, P Gowrishankarl IEEE Xplore, 2023</p> <p>“Automation in Montitoring Temperature ,Vibration of Industry and preventing Accident Using IoT” Sabari L Umamaheswari,Shasiraj Teotia,R Kumaravel,Himani Pandey,K Dhinakaran, Ashok Kumar IEEE Xplore, 2023</p>	
Papers Presented in Conferences (Scopus/WoS indexed only)	Overall: 4	After Joining RMK:4
Ph.Ds/Projects Guided	Ph.Ds Guided :Nil	Student Projects Guided: 17
Books Published:	Count:01	
	List: High voltage Engineering ,Scientific International Publishing House , ISBN 978-5625-583-8 and 2022	
Patents	Published Count: 01	Granted Count : Nil
	List: A low cost Auto tracking solar Panel Cell Phone Charger	
Professional Memberships	Count : 01	
	List: Life member ISTE	
Consultancy Projects Completed	Count:06	
Awards Received	Count: 02	
	List: IEI Best Faculty Advisor Award ERET Best faculty award	
Research grants Received	Nil	
OrchidLink/ ID	ID: ID : 0000-0001-7268-6206	
Google Scholar Link/ID	ID: scholar.google.com/citations?user=ujOb5X8AAAAAJ&hl=en	
Vidwan Link/ID	ID : 305261	
Research Gate Link /ID	https://www.researchgate.net/profile/Sabari-Maheswari	
Scopus Link/ID	ID: 57215609484	