


## FACULTY PROFILE

<b>Name of Teaching Staff / RMK ID</b>	Dr.V.VIDYA LAKSHMI / T1132		
<b>Designation</b>	Associate Professor		
<b>Department</b>	Electronics and Communication Engineering		
<b>Date of Joining the Institution</b>	06.06.2024		
<b>Qualifications</b>	B.E.(ECE)	M.E.(Applied Electronics)	Ph.D(Image Processing)
<b>Total Experience</b>	Overall : 21 years	in RMK :	
<b>Papers Published in Journal</b>	Overall :14	After Joining RMK :	
<b>List of Papers Published</b>	<p>1. <b>V.Vidya Lakshmi.</b>, Leena Jasmine J.S., (2021). “A Hybrid Artificial Intelligence Model for Skin Cancer Diagnosis”, Computer Systems Science And Engineering, volume 37,Issue 2, (2021) pp. 233-245(Annexure 1)</p> <p>2. A.R.M.Sikkander,M.Meena,H.Yadav.,<b>V.Vidya Lakshmi.</b>, “Appraisal of the impact of Applying organometallic compounds in cancer therapy” in Journal of Applied Organometallic chemistry”, volume 4, issue 2,(May 2024) pp.145-166</p> <p>3.Mohammed Sikkander.,Fatma Bassyouni.,Khadeeja Yasmeen., <b>V.Vidya Lakshmi.</b>, “Synthesis of zinc oxide and lead nitrate nano particles and their applications”, Journal of Applied Organometallic chemistry, 2023 Volume 3 ,Issue 4,pp.255-267</p> <p>4. <b>V. Vidya Lakshmi</b>, S.J. Grace Shoba, Angelina Royappa, J. Gnana Arun Johnson., “Skin Disease classification based on hybrid wavelet features and ensemble methods” , Cardiometry Journal( web of science) ,Issue 26, (Feb 2023) pp. 797-802</p> <p>5. R.Senkamalavalli ,Madona B Sahaai, <b>V.Vidya Lakshmi</b>, Kanchana .., “Machine learning applied to cervical cancer data” , Cardiometry Journal(web of Science) ,Issue 26, (Feb 2023) pp. 491-498</p>		

6. **V.Vidya Lakshmi.**, P.Thangalakshmi., S.Kreshmi., G.Aishwarya., P.G.Sakthi Saranya.,“Segmentation and Classification of Alzheimer’s Disease Using Deep Learning” in International Journal of Innovative Research in Computer and Communication Engineering, e-ISSN: 2320-9801, p-ISSN: 2320-9798, Volume 9, Issue 4, April 2021 pp. 3138-3143
- 7.**V.VidyaLakshmi.**,Akiladevi.M.,Hemalatha. B, Keerthana.M.,“Decentralized Implementation Of Security and Privacy Of Industrial IoT Devices Using Ethereum Block chain and Smart Contract” , International Advanced Research Journal in Science, Engineering and Technology p-ISSN: 2394-1588, Volume 8, issue 4 ,April 2021 ,pp. 135-141.
8. **V.Vidya Lakshmi.**,Varun.,Rahul.,Shiam.,Naveen balaji., “Design And Implementation Of Real Time Traffic Light System Using Raspberry Pi And Open CV” , International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056 ,Volume: 07 , Issue: 08 ,Aug 2020
9. **V.Vidya Lakshmi.**,Sanjana., “Iot Enabled Logistics Solution For Sustainable Development“ , International Research Journal of Engineering and Technology (IRJET) , e-ISSN: 2395-0056 ,Volume: 07 Issue: 08 ,Aug 2020 ,pp.158-160
- 10.**V.Vidya Lakshmi.**,Nivethitha,Prathika.,Sajitha Banu., VishnuPriya., “Regenerative Concept For E-Bike Using Bi-Directional Converter” ,International Journal of Applied Engineering Research ,ISSN 0973-4562 Volume 14, Number 6, 2019” pp.61-66
- 11.**V.Vidya Lakshmi.**,Mridhula., Charuneesha.,Nivetheetha., “Vision based home security system in cctv using local gradient and hexa pattern” ,International Journal of Applied Engineering Research ,volume14, issue (6), 2019, pp.253-256
- 12.**V.Vidya Lakshmi.**,Dhaya.,Kanthavel., “Analysis of data interpretation from Cosmo skymed and terra sar-X sensor using SAR images for effective flood monitoring in International journal of pure and applied Mathematics, volume 117 ,issue 22 December 2017,pp. 307-311
- 13.A.Karthikeyan., **V.Vidya Lakshmi.**, “De-speckling in Medical Ultrasound Images with edge preservation using hybrid method” in International Journal of Applied Engineering Research (IJAER),volume10, issue 22, March 2015

	14. <b>V.Vidya Lakshmi.</b> , “Hybrid Cryptography technique for mobile Ad-hoc network” in International Journal of Advanced Research in Computer Engineering and Technology (ijarcet) ,volume 3 ,Issue 3, March 2014	
<b>Papers Presented in Conferences</b> (Scopus / WoS indexed only)	Overall : 7	After Joining RMK :
<b>Ph.Ds / Projects Guided</b>	Ph.Ds Guided : NIL	Student Projects Guided :40
<b>Books Published :</b>	Count :01	
	List : Electronic Circuits -I	
<b>Patents</b>	Published Count : 02	Granted Count : NIL
	List : 1.Published a patent titled “Design And Implementation Of Smart Intruder Surveillance System For Military Application” on Nov. 2023 , Application No. 202341068618 A 2. Published a patent titled “Construction Of A User-Friendly Intelligent Sanitary Napkin Vendor Machines In Public Places” on 09 <sup>th</sup> Dec. 2022, Application No.202241068988 A	
<b>Professional Memberships</b>	Count :1	
	IETE	
<b>Consultancy Projects Completed</b>	Count : NIL	
<b>Awards Received</b>	Count : Nil	
<b>Research grants Received</b>	NIL	
<b>Orchid Link / ID</b>	ID : <a href="https://orcid.org/0009-0009-1328-0594">https://orcid.org/0009-0009-1328-0594</a>	

<b>Google Scholar Link / ID</b>	ID : <a href="https://scholar.google.com/citations?user=sgc1vHwAAAAJ&amp;hl=en&amp;authuser=2">https://scholar.google.com/citations?user=sgc1vHwAAAAJ&amp;hl=en&amp;authuser=2</a>
<b>Research Gate Link / ID</b>	ID: <a href="https://www.researchgate.net/profile/Vidya-Lakshmi-9">https://www.researchgate.net/profile/Vidya-Lakshmi-9</a>
<b>Scopus Link / ID</b>	ID : <a href="https://www.scopus.com/authid/detail.uri?authorId=58188304800">https://www.scopus.com/authid/detail.uri?authorId=58188304800</a>