


## FACULTY PROFILE

<b>Name of Teaching Staff / RMK ID</b>	<b>Dr.B.MUTHAZHAGAN</b>		
<b>Designation</b>	Associate Professor – Gr(II)		
<b>Department</b>	Artificial Intelligence and Data Science		
<b>Date of Joining the Institution</b>	14-02-2025		
<b>Qualifications</b>	M.Tech (IT)	Ph.D	
<b>Total Experience</b>	Overall : 21		in RMK : 1 month
<b>Papers Published in Journal</b>	Overall : 12		After Joining RMK : Nil
<b>List of Papers Published</b>	<ol style="list-style-type: none"> <li>1. B.Muthazhagan, T.Ravi, D.Rajiniginath, “Sooty-LuCaNet: Sooty tern optimization based deep learning network for lung cancer detection”, Journal of Intelligent &amp; Fuzzy Systems, 45 (5), ISSN 8823-8836, 2023.</li> <li>2. B.Muthazhagan, R.Shalini, K.Srinithi, “Reservation System for Football Matches Using Machine Learning”, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 9, Issue 3, Pages 407 – 417. E-ISSN 2456-3307. July 2023.</li> <li>3. B. Muthazhagan, T. Ravi and D. Rajiniginath, “An enhanced computer-assisted lung cancer detection method using content based image retrieval and data mining techniques”, Journal of Ambient Intelligence and Humanized Computing, <a href="https://doi.org/10.1007/s12652-020-02123-7">https://doi.org/10.1007/s12652-020-02123-7</a>. ISSN 3849–3860</li> <li>4. B.Muthazhagan, G.Gandhi Jabakumar, M.Robinson Joel, ArunaDevi, “Machine Learning Classification Of Active Customers Using Churn”, International Journal of Computing Algorithm (IJCOA), Volume 9, Issue 2, Dec 2020. ISSN 2278-2397.</li> <li>5. Shalini, Robinson Joel, B Muthazhagan, “The role of Learning Analytics in Educational Data Mining”, International Journal of</li> </ol>		

	<p>Computing Algorithm (IJCOA), Volume 9, Issue 2, Dec 2020. ISSN 2278-2397.</p> <p>6. B.Muthazhagan, Dr.T.Ravi and Dr.D.Rajiniginath, “Fast image segmentation algorithm and data mining techniques to predict lung tumors from lung CT images”, Journal of Web Engineering, Vol. 17, No.6 (2018) ISSN 3060-3077</p> <p>7. B.Muthazhagan, Jemin.V.M, Jeba Anandh, “A Contemporary Methodology to Unify Structured Data in Portable Devices”, SSRN Electronic Journal, ISSN - 1556-5068, January 2019.</p> <p>8. Swedha samson.M, Anrag Surendran, Muthazhagan .B, “Efficient Scheduling Task Based on Cloud Computation Network Bandwidth”, SSRN Electronic Journal, DOI: 10.2139/ssrn.3439272, ISSN - 1556-5068, January 2019.</p> <p>9. Keerthana.M, Kousalya.M, Muthazhagan.B, “Identification of anonymous Identical users in social media Networks”, International Journal of Emerging Technology in Computer Science &amp; Electronics (IJETCSE) ISSN: 0976-1353 Volume 25 Issue 5 – April 2018.</p> <p>10. B.Muthazhagan, Suganya J, “An enhanced segmentation approach to detect lung cancer nodule from CT scan images”, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 4, Special Issue 19, April 2017.</p> <p>11. B.Muthazhagan et al. “A Text Mining Approach to Generate Powerpoint Presentation Using Machine Learning Algorithm”, Middle-East Journal of Scientific Research 24 (5): 1692-1699, 2016. ISSN 1990-9233.</p> <p>12. B.Muthazhagan and T.Ravi, “An Early Diagnosis of Lung Cancer Disease Using Data Mining and Medical Image Processing Methods: A Survey”, Middle-East Journal of Scientific Research 24 (10): 3263-3267, 2016. ISSN 1990-9233.</p>	
<b>Papers Presented in Conferences</b> (Scopus / WoS indexed only)	Overall : 5	After Joining RMK : Nil
<b>Ph.Ds / Projects Guided</b>	Ph.Ds Guided : Nil	Student Projects Guided : 20+
<b>Books Published :</b>	Count : 1	

	List : Machine Learning and Data Analysis with Python – Co-Author – CIIT publications – ISBN-978-93-6126-304-0 – Published.	
<b>Patents</b>	Published Count : 1	Granted Count : 0
	List : <b>Title of the invention:</b> A Machine Learning and AI based approach for Transcribing signal in 6G Wireless Communication Network, Application No.202241062362A, Publication Date : 18/11/2022, Patent Office Journal No. 46/2022.	
<b>Professional Memberships</b>	Count : 3	
	<ol style="list-style-type: none"> <li>1. List : CSI - Computer Society of India , Member (F8000947) and Student Branch Counsellor</li> <li>2. IEI - The Institution of Engineers (India) – Member.</li> <li>3. IAENG – International Association of Engineers – Membership Number 505046.</li> </ol>	
<b>Consultancy Projects Completed</b>	Count : Nil	
<b>Awards Received</b>	Count : Nil	
	List : -	
<b>Research grants Received</b>	Nil	
<b>Orchid Link / ID</b>	ID : <a href="https://orcid.org/0000-0002-3157-1530">https://orcid.org/0000-0002-3157-1530</a>	
<b>Google Scholar Link / ID</b>	ID : <a href="https://scholar.google.com/citations?user=Y7KkiokAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=Y7KkiokAAAAJ&amp;hl=en</a>	
<b>Vidwan Link / ID</b>	ID : <a href="https://vidwan.inflibnet.ac.in/profile/593516">https://vidwan.inflibnet.ac.in/profile/593516</a>	
<b>Research Gate Link / ID</b>	<a href="https://www.researchgate.net/profile/Muthazhagan-b">https://www.researchgate.net/profile/Muthazhagan-b</a>	
<b>Scopus Link / ID</b>	ID : <a href="https://www.scopus.com/authid/detail.uri?authorId=58694529500">https://www.scopus.com/authid/detail.uri?authorId=58694529500</a>	