


## FACULTY PROFILE

<b>Name of Teaching Staff / RMK ID</b>	<b>B. Maheswari/T1116</b>		
<b>Designation</b>	Assistant Professor		
<b>Department</b>	COMPUTER SCIENCE AND ENGINEERING		
<b>Date of Joining the Institution</b>	21.07.2023		
<b>Qualifications</b>	M.E.	(Ph.D)	
<b>Total Experience</b>	Overall : 10 years		in RMK : 6 Months
<b>Papers Published in Journal</b>	Overall :15		After Joining RMK :01
<b>List of Papers Published</b>	<ol style="list-style-type: none"> <li>1. <b>Maheswari. B</b>, “Hybrid feature selection approach for Naive Bayes to improve consumer behavior analysis “. Proceedings of the Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2021) , <b>IEEE explore</b>, 978-0-7381- 1183-4/21.</li> <li>2. <b>Maheswari. B</b>, Customer Patterns Analysis Using Mutli-Level Attribute Selection with Machine Learning Models", Published in Indian Journal of Computer Science and Engineering,2022, Issn: 0976-5166,pp.1509-1523</li> <li>3. <b>Maheswari. B</b>, "Evaluation of Different Variable Selection Approaches with Naive Bayes to Improve theCustomer Behavior Prediction". In: Smys S., Balas V.E., Palanisamy R. (eds) Inventive Computation and Information Technologies. Lecture Notes in Networks and Systems, vol 336. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-16-6723- 7_14">https://doi.org/10.1007/978-981-16-6723- 7_14</a>.</li> <li>4. <b>Maheswari. B</b>, Wrapper-Naive Bayes approach to perform efficient customer behavior prediction", Lecture Notes on Data Engineering and Communications Technologies, vol 96. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-16-7167- 8_2">https://doi.org/10.1007/978-981-16-7167- 8_2</a></li> <li>5. Maheswari.B, "Performance Analysis of Different Machine Learning in Customer Prediction," 2022 6th International Conference on Trends in Electronics and Informatics (ICOEI), 2022, pp. 1425- 1430, doi: 10.1109/ICOEI53556.2022.9776714.</li> <li>6. <b>Maheswari.B</b>, Alleviating NB conditional independence using Multi-stage variable selection(MSVS): Banking customer dataset application. Journal of Physics: Conference Series. 1767. 012002. 10.1088/1742- 6596/1767/1/012002.</li> </ol>		

7. **Maheswari.B**, Customer Analysis using Machine Learning with Feature Selection Approaches: A Comparative Study", International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022, 2022,pp.196–202
8. **Maheswari.B**, “A Survey on Alleviating the Naive Bayes Conditional Independence Assumption”, International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022, 2022, pp. 654–657.
9. **Maheswari.B**, “An Extensive Review of Machine Learning Techniques for EEG Signal Processing”, International Conference on Automation, Computing and renewable Systems(ICACRS), <https://doi.org/10.1109/ICACRS55517.2022.10029003>
10. **Maheswari.B** , AI and IoT Applications in Medical Domain Enhancing Healthcare Through Technology Integration. InAI and IoT-Based Technologies for Precision Medicine 2023 (pp. 280-294). IGI Global.
11. **Maheswari.B**, A Comprehensive Survey of Deep Learning: Advancements, Applications, and Challenges. International Journal on Recent and Innovation Trends in Computing and Communication, 11(8s),445–453.  
<https://doi.org/10.17762/ijritcc.v11i8s.7225>
- 12 **Maheswari.B**, Enhancing Customer Prediction Using Machine Learning with Feature Selection Approaches. In: Smys, S., Kamel, K.A., Palanisamy, R. (eds) Inventive Computation and Information Technologies. Lecture Notes in Networks and Systems,vol563.Springer, Singapore. [https://doi.org/10.1007/978-981-19-7402-1\\_4](https://doi.org/10.1007/978-981-19-7402-1_4)
- 13 **Maheswari.B**, “Customer Patterns Analysis Using Multi-Level Attribute Selection With Machine Learning Models.” DOI : 10.21817/indjce/2022/v13i5/221305098 Vol. 13 No. 5 Sep-Oct 2022
- 14 **Maheswari.B**, “Offline Recognition Of Handwritten Text Using Combination Of Neural Networks”, 8th International Conference on Communication and Electronics Systems (ICCES), 865-870,2023.
- 15 **Maheswari B**, “Educational Chatbot for Adopting Effective Teaching Learning Process using Long Short-Term Memory with Feature Extraction”,2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS), 1749-1757, IEEE

<b>Ph.Ds / Projects Guided</b>	Ph.Ds Guided : NIL	Student Projects Guided :20
<b>Books Published :</b>	Count :Nil	
<b>Patents</b>	Published Count :Nil	Granted Count :NIL
<b>Professional Memberships</b>	Count :NIL	
<b>Consultancy Projects Completed</b>	Count :NIL	
<b>Awards Received</b>	-	
<b>Orchid Link / ID</b>	<a href="https://orcid.org/0000-0001-9711-7915">https://orcid.org/0000-0001-9711-7915</a>	
<b>Google Scholar Link / ID</b>	<a href="https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;user=rwG2gBoAAAAJ">https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;user=rwG2gBoAAAAJ</a>	
<b>Vidwan Link / ID</b>	<a href="https://vidwan.inflibnet.ac.in/profile/476260">https://vidwan.inflibnet.ac.in/profile/476260</a>	
<b>Research Gate Link / ID</b>	<a href="https://www.researchgate.net/profile/Maheswari-Sasi-Venkatesh">https://www.researchgate.net/profile/Maheswari-Sasi-Venkatesh</a>	
<b>Scopus Link / ID</b>	<a href="https://www.scopus.com/authid/detail.uri?authorId=58192959500">https://www.scopus.com/authid/detail.uri?authorId=58192959500</a>	