


## FACULTY PROFILE

<b>Name of Teaching Staff / RMK ID</b>	Dr. K. Chidambarathanu / T0242			
<b>Designation</b>	Professor and Head			
<b>Department</b>	Computer Science and Business Systems			
<b>Date of Joining the Institution</b>	16.06.2003			
<b>Qualifications</b>	B.E.	M.E.	Ph.D.	
<b>Total Experience</b>	Overall : 21		in RMK : 19	
<b>Papers Published in Journal</b>	Overall : 14		After Joining RMK : 14	
<b>List of Papers Published</b>	<p>1. G. S. Sudharsan, J. Vishnupriyan, K. V. Anand and K. Chidambarathanu, "Wind Turbine Instrumentation System using Labview," 2022 Third International Conference on Intelligent Computing Instrumentation and Control Technologies (ICICT), 2022, pp. 121-124, doi: 10.1109/ICICT54557.2022.9917754. (Scopus Indexed)</p> <p>2. P. Renukadevi, A. Dakchinamoorthy, A. T. P, S. R. S and K. Chidambarathanu, "Facial Recognition based Attendance," 2022 International Conference on Inventive Computation Technologies (ICICT), Nepal, 2022, pp. 993-998. doi: 10.1109/ICICT54344.2022.9850734. (Scopus Indexed)</p> <p>3. D. Jeyakumar, K. Chidambarathanu, S. Pradeepkumar &amp; T. P. Anish, "OUTFS+. An Efficient User-Side Encrypted File System Using IBE With Parallel Encryption," 2022 6th International Conference on Trends in Electronics and Informatics (ICOEI), 2022, pp. 760-766, doi: 10.1109/ICOEI53556.2022.9776722. (Scopus Indexed)</p> <p>4. K. Chidambarathanu &amp; K.L. Shunmuganathan, "Predicting User Preferences on Changing Trends and Innovations Using SVM based Sentiment Analysis", Cluster Computing, Vol. 22, No. 5, 2019, pp. 11877-1181. (Scopus Indexed, SCIE)</p> <p>5. Sankara Narayanan S, K. Chidambarathanu, Meena L C, "PFR Based Technique to Detect Intruder in MANET", Jour of adv research in dynamical &amp; control systems, Vol. 12, No. 02, 2020, pp. 597-601. (Scopus Indexed)</p> <p>6. Jhansi Ida S, Rekha M, Chidambarathanu K, Archana U, Shanmugama M, "Personal Home Assistance based on Content-based Recommendation Algorithm", International Journal of Mechanical Engineering, Vol. 7, No. 01, 2022, pp. 5756-5764. (Scopus Indexed)</p> <p>7. Asha R, Radhika S, Vinothkumar L, Chidambarathanu K,</p>			

	<p>“Crime Record Management System”, International Journal of Mechanical Engineering, Vol. 7, No. 01, 2022, pp. 5729-5735. (Scopus Indexed)</p> <p>8. G. Srinivasa Sudharsan, J. Vishnupriyan, K. Vijay Anand, K. Chidambarathanu, “Smart monitoring system for small-scale wind turbine model”, IEEE Explorer, July 2021. (Scopus Indexed)</p> <p>9. Vishnu Priyan, K. Chidambarathanu, K., “Intelligent Battery Management System”, IEEE Explorer, July 2021. (Scopus Indexed)</p> <p>10. K.Chidambarathanu, “Experimental investigations of high efficiency smart tunnel dryer system” AIP Conference Proceedings, Dec 2019. (Scopus Indexed, WoS)</p> <p>11. Likhita M, YaliniDevi S, Hanisha K, Chidambara Thanu K, “E-Toll (Online Toll System)”, International Research Journal of Engineering and Technology, Vol. 6, No. 4, April 2019, PP 775-780.</p> <p>12. Aishwarya G, Sri Sai Tejaswi M, Chidambara Thanu K, “Answer Evaluation using Keyword Search Algorithm”, International Journal of Research, Vol. 8, No. 3, March 2019.</p> <p>13. K. Chidambarathanu and K.L. Shunmuganathan, “Predicting User Preferences on Changing Trends and Innovations Using Sentiment and Personal User Analysis” in International Journal of Printing, Packaging &amp; Allied Sciences, Vol. 5, No. 1, February 2017.</p> <p>14. Chidambarathanu K, Monalissa D, Pavithra B, Subhashini A “Personal Stock Forecaster” in International Journal for Research in Applied Science &amp; Engineering Technology (IJRASET), Volume 4 Issue IV, April 2016, ISSN: 2321-9653.</p>	
<b>Papers Presented in Conferences</b> (Scopus / WoS indexed only)	Overall : 10	After Joining RMK : 10
<b>Ph.Ds / Projects Guided</b>	Ph.Ds Guided : -	Student Projects Guided : 33
<b>Books Published :</b>	Count : -	
	List :	
<b>Patents</b>	Published Count : 1	Granted Count : -
	List : 1. Indian Patent titled “Automated Railway Ticket Examination using Biometric Authentication” published on 7 <sup>th</sup> May 2022	
<b>Professional Memberships</b>	Count : 7	

	<p>List :</p> <ul style="list-style-type: none"> <li>➤ ISSE – Indian Society of Systems for Science and Engineering</li> <li>➤ Association of Computing Machinery(ACM) India</li> <li>➤ International Association of Computer Science and Information Technology</li> <li>➤ International Association of Engineers</li> <li>➤ Internet Society</li> <li>➤ Institute For Engineering Research and Publication (IFERP)</li> <li>➤ International Association of Academic plus Corporate</li> </ul>
<b>Consultancy Projects Completed</b>	Count : 6
<b>Awards Received</b>	<p>Count : 5</p> <p>List :</p> <ul style="list-style-type: none"> <li>➤ Shortlisted as <b>AICTE LITE Faculty</b> to implement Minor degree programme on Web Development.</li> <li>➤ Received <b>Best Faculty Award</b> from <b>Virtusa Consulting Services Limited</b> for Excellency and Competency of performance towards training the students on <b>Front End Engineering</b> Technology</li> <li>➤ Received <b>Best Faculty Award</b> from <b>Cognizant</b> for the year 2016-17.</li> <li>➤ Recognized as <b>WIPRO Certified Faculty</b> with a <b>Score of 92.36%</b> in J2EE Technologies by WIPRO Technologies, Bangalore.</li> <li>➤ Received <b>Best Team Mentor Award</b> in Smart India Hackathon 2018 for the problem statement provided by <b>Government of Delhi</b> organized by Ministry of Human Resource and Development (MHRD) and All India Council for Technical Education (AICTE).</li> </ul>
<b>Research grants Received</b>	<ul style="list-style-type: none"> <li>➤ Received Rs. 13,42,000/- from MSME for startup titles Made In and for India Freelancing Job Portal under Innovative Champion Scheme.</li> <li>➤ Received Rs. 1,00,000/- from AICTE under Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES) during May 2022.</li> <li>➤ Received Rs. 2,75,000/- from AICTE for organizing</li> </ul>

	<p>STTP on Service Oriented Application under AQIS scheme in the year 2020</p> <p>➤ Received Rs. 1,00,000/- from AICTE for organizing Seminar on Service Oriented Application under AQIS scheme in the year 2018.</p>
<b>Orchid Link / ID</b>	ID : 0000-0002-0419-870X
<b>Google Scholar Link / ID</b>	ID : sFjOLTAAAAAJ
<b>Vidwan Link / ID</b>	ID : 283532
<b>Research Gate Link / ID</b>	ID: AAZ-3587-2021
<b>Scopus Link / ID</b>	ID : 57199506981