FACULTY PROFILE

Name of Teaching Staff / RMK ID	B. Jayaram / T1060	
Designation	Assistant Professor	
Department	Computer Science and Business Systems	
Date of Joining the Institution	23-09-2021	
Qualifications	B.E (CSE) M.E (CSE) (Ph.D)	
Total Experience	Overall: 15 Years 5 Months	in RMK : 1 Year 8 Months
Papers Published in Journal	Overall : 16	After Joining RMK : 6
List of Papers Published	- Saraswathi, K; Jayaram, B; Balasubramanian, R;," Retinal biometrics based authentication and key exchange system", International journal of computer applications **(IJCA),** Volume 19 issue no 1 April 2011, page 1 to 7ISSN 0975 – 8887 - Jayaram, N Vimala B; Balasubramanian, R;, "Efficient Group Key Management Protocol forRegion Based MANETs", International Journal of Engineering and Technology **(IJEAT),** Volume 3 Issue 1, February 2011, ISSN: 1793-8236 - N Vimala, B Jayaram, DR Balasubramanian," Efficient Group Key Management Protocol forRegion Based MANETs", International Journal of Engineering and Technology **(IJEAT),** volume 3, issue 1 ,pages 44-51, , April 2011,ISSN 01793 – 8236 - N Vimala, B Jayaram, DR Balasubramanian, "An efficient rekeying function protocol with multicast key distribution for group key management in MANETs" International Journal of Computer Applications **(IJCA),** Volume 19 issue 2, page 44-51, 71 April 2011, ISSN 0975 – 8887 - Jayaram.B, "Speech SMS" , International Journal of Advanced Research Trends in Engineering and Technology **(IJARTET),** March 2017 Vol No 04 pages 245-246, ISSN No 2348-3121 - Jayaram.B, "Licence Veifivation and Validation in Android Mobiles", International Journal of Modern Trends in Science and Engineering. **(IJMTES),** March 2017, Vol No 04, ISSN 2348-3121, pages 67 – 70. - K.S.S.JosephSastry, Dr.P. Manikandan, B.Jayaram, P.Lakshmiprasanna," Prediction of disease-associated genes using big data and machine learning techniques" International Journal of Engineering and Technology **(IJETUAE)** December 2018. - B.Jayaram, A.Jeyachandran, M.Dileep, K.S.S.JosephSastry,	

"A Survey On Social Media Data Analytics And Cloud Computing Tools" International Journal of Mechanical and Production Engineering Research and Development (**IJMPERD**) ISSN (P): 2249-6890; ISSN (E): 2249-8001 Vol. 8, Special Issue 3, Dec 2018, Pages 243-254.

- **B**.Jayaram, Dr.M.Kalimuthu,"A study on Machine Learning and its working", International Journal for Modern Trends in Science and Technology", Volume 5 Issue 7 July 23, 2019, ISSN 2455-3778 Page 44-48.
- B.Jayaram, "Mining Social Media Data Using R and WEKA Tools", International Journal of Psychosocial Rehabilitation (**IJPR**), Vol. 23, Issue 01, 2019 ISSN: 1475-7192, page no 243 – 253
- B.Jayram, Dr.C.Jayakumar, "A Survey on security and privacy in social networks", Springer Nature, Singapore, Advances in intelligent systems and computing Computational vision and bio inspired Computing (Book Series), page 807 - 822, March 2022.
- Jhansi Ida, Neela,K., B.Jayaram, C. Indhumathi, Kirubakaran," Doctor Appointment Booking System Using Content Based Filtering Recommendation", International Journal of Mechanical Engineering, ISSN: 0974-5823, Vol. 7 No. 1 January, 2022, page 5748 – 5755.
- R.Dinesh Kumar, M.Kalimuthu, B.Jayaram, "Character Recognition using CNN for Sanskrit Text", Proceedings of International conference on computer vision, High Performance Computing, Smart devices and networks, page 1 -7, DOI: 10.1007/978-981-19-4044-6_1, Part of Advanced Technologies and Societal change - Book Series Nov 2022.
- B.Jayaram, R.Rahul, A R Rishvaanth, K.Rishitha, P.Pavithra, S.Sandhiya, J.M.Santhosh" Counterfeit Product Identification System by Using Blockchain**,** International Journal of Innovative Science and Research Technology, Volume 7, Issue 12, Page 36 – 40, December – 2022, ISSN No:-2456-2165.
- B Jayaram; D. Abdus Subhahan; Sakthivel B; T. A. Mohanaprakash; Sunita Joshi; M Jogendra Kumar, "IoT and Image Processing based Smart Door Locking System", IEEE Explore, Feb 2023. DOI 10.1109/ICACRS55517.2022.10029199
- B Jayaram; T. Suguna; Shaik Fairooz; Arul Selvam P; S. Vimal," Secure Data Reduplication System with Efficient and Reliable Multi-Key Management in Cloud Storage", IEEE Explore, May 2023. DOI 10.1109/ICIPTM57143.2023.10118064

Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 4	After Joining RMK :2
Ph.Ds / Projects Guided	Ph.Ds Guided : Nil	Student Projects Guided : 15
	Count : Nil	

Books Published :	List : Nil	
Patents	Published Count : 1	Granted Count :
	List : 1. "A Vehicle with a smart Biometric Device", B.Jayaram and Et al. Application no 201841019142, Assignee: Malla Reddy Engineering College for Women, Published on 31-05-2018. Status: Approved. 2. Mr.P.Arulselvam, Mr. Jayaram B, Krishnamurthy R, Devandra Kumar sinha, Mr.B.Sundarasan Mr.K.P.S Kumar, "High Performance Scientific Computing Over Hybrid Cloud Platforms and method thereof", Application No: 202241071434. Date:30-12-2022. Status: Published	
Professional Memberships	Count : 3	
	List : Life membership of ISTE number is: LM81643. Life membership of IAENGG number is: 297117 Life membership of IAAC number is: FRT JQC CE003025	
Consultancy Projects Completed	Count : Nil	
Awards Received	Count : 1	
	List : Received an award for **"Best Humorous Teacher"** during the year **2016** on **September 5th** by the management from **Info Institute of Engineering**, Kovilpalayam, Coimbatore.	
Research grants Received	Nil	
Orchid Link / ID	ID : 0000-0001-7382-3890	
Google Scholar Link / ID	ID : Ndq5dBMAAAAJ	
Vidwan Link / ID	ID : 305272	
Research Gate Link / ID	https://www.researchgate.net/profile/Jayaram-Balasubramanian-4	
Scopus Link / ID	ID : 58107455400	