

FACULTY PROFILE

Name of Teaching Staff / RMK ID	B.JAISON / T0507		
Designation	PROFESSOR		
Department	COMPUTER SCIENCE AND ENGINEERING		
Date of Joining the Institution	27.06.2007		
Qualifications	M.E	Ph.D	
Total Experience	Overall : 24 Yrs	in RMK : 16	
Papers Published in Journal	Overall : 53	After Joining RMK :45	
List of Papers Published	<p>A discrete wavelet based feature extraction and hybrid classification technique for microarray data analysis J Bennet, C Arul Ganaprakasam, K Arputharaj The Scientific world journal 2014</p> <p>A Hybrid Approach for Gene Selection and Classification using Support Vector Machine NK B, Jaison , Chilambuchelvan Ganaprakasam The International Arab Journal of Information Technology 12 (6A), 695-700</p> <p>Protection on wireless sensor network from clone attack using the SDN-enabled hybrid clone node detection mechanisms PP Devi, B Jaison Computer Communications 152, 316-322</p> <p>Classification Using Two Layer Neural Network Back Propagation Algorithm KAM Junaid Circuits and Systems 7 (8), 1207-1212</p> <p>Hybrid classification techniques for microarray data B Jaison, A Chilambuchelvan, KA Mohamed Junaid National Academy Science Letters 38 (5), 415-419</p> <p>A Symmetric Key Multiple Color Image Cipher Based on Cellular Automata, Chaos Theory and Image Mixing K SundaraKrishnan, R SP Information Technology and Control 50 (1), 55-75</p> <p>Lemuria: a novel future crop prediction algorithm using data mining M Tamil Selvi, B Jaison The Computer Journal 65 (3), 655-666</p> <p>Plant Disease Identification using Image Classification Techniques</p>		



A Wahid, B Jaison, P Arun, SH Kuma
International Journal of Engineering Science 8 (4), 16795-16796

[Design of low power 16-bit counter with Programmable Combinational Logic and Integrated Clock Gating using 16-nm technology](#)

S Mohamed Sulaiman, B Jaison, M Anto Bennet
International Journal of Electronics 108 (2), 163-179

[An efficient novel color image encryption algorithm based on 3D Lü chaotic dynamical system and SHA-512](#)

K Sundara Krishnan, B Jaison, SP Raja
International Journal of Wavelets, Multiresolution and Information ...

[Performance of 7t Sram Using Triple Threshold Voltage CMOS Technology](#)

MSM Sulaiman, B JAISON, DRMA BENNET, SVRR Vigneshwar
International Journal of Pure and Applied Mathematics 119 (15), 327-335

[Survey on patented and unpatented video watermarking techniques](#)

SH Basha, B Jaison
2017 4th International Conference on Advanced Computing and Communication ...

[Adaptive Lemuria: A progressive future crop prediction algorithm using data mining](#)

B Jaison
Sustainable Computing: Informatics and Systems 31, 100577

[Secured Color Image Compression Based on Compressive Sampling and Lü System](#)

KS Krishnan, B Jaison, SP Raja
Information Technology and Control 49 (3), 346-369

[Dynamic association and participant based adaptive streaming in small base station for live video conference on 5g networks](#)

FSD Daniel, MKA Junaid, B Jaison, AJT Rose
Transactions on Emerging Telecommunications Technologies 29 (5)

[A Light-Weight Deep Learning-Based Architecture for Sign Language Classification](#)

MD Nareshkumar, B Jaison
INTELLIGENT AUTOMATION AND SOFT COMPUTING 35 (3), 3501-3515

[Optimal Scheme for the Detection and Classification of Clone Node Attack in WSN Using TAIGBRFCNIA](#)

PP Devi, B Jaison
Wireless Personal Communications, 1-15

[2022A Novel Secured Euclidean Space Points Algorithm for Blind Spatial Image Watermarking](#)

HB Shaik, B Jaison

	<p>Adaptation of counters redundant bits with the provision of dual supply and modified clock gating to favour of low power in VLS M Sulaiman, A Bennet Indian Journal of Pure & Applied Physics (IJPAP) 58 (10), 750-757</p> <p>Secured Color Image Compression Based on Compressive Sampling and Lu System S Sundarakrishnan, B Jaison, SP Raja INFORMATION TECHNOLOGY AND CONTROL 49 (3), 346-369</p> <p>Enhancing in Learning Management System using Machine Learning BJ Pavan Kumar.PC , R.Vijay, S.Siranjeevi Journal of critical Reviews 7 (06), 5</p> <p>A Novel Enriched LASSO Based Compression Technique for Energy Efficient Wireless Sensor Networks SID Anitha K , Jaison B , Nalini M Advances in Systems Science and Applications 1 (01), 17</p> <p>Data Transmission for Proximity Devices Using Ultrasonic Sound Waves B Yogalakshmi, A Nithya, R LikhithaChowdary, M Preethi, B Jaison</p> <p>Design and Analysis of Different Tuning Strategies of PI Controller for Distillation Column E Kesavan, KAM Junaid, B Jaison International Journal of Control Systems and Robotics 4</p> <p>Gender Identification System For Crime Science Analysis Using Fingerprints B Jaison INTERNATIONAL JOURNAL OF ADVANCES IN SIGNAL AND IMAGE SCIENCES 3 (2), 1-7</p> <p>Design of Sram Architecture with Low Power without Affecting Speed Using Finfet MSM Sulaiman, B Jaison, MA Bennet, M Vijay, VP Selvam, ... International Journal on Smart Sensing and Intelligent Systems 10 (5), 295</p> <p>A Review of Stability Aware Clustering Algorithm in Vehicular Ad hoc Network T Kumar, B Jaison Pakistan Journal of Biotechnology 14 (Special II), 1-57</p> <p>A Scalable Secure File Sharing System for Dynamic Groups in Cloud Computing SR Suganya, B Jaison</p>	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 8	After Joining RMK :8
Ph.Ds / Projects Guided	Ph.Ds Guided : 12	Student Projects Guided :36
Ph.D Completed:	Count :4	

	<p>Session Continuity And Prefetching For Adaptive Streaming On Small Base Station In 5g Wireless Networks Anna University, Mr Frederick Swartz Daniel</p> <p>An Efficient Novel Secured Symmetric Key Multiple Color Image Encryption And Compression Scheme Anna University,Mr Sundarakrishnan</p> <p>Design And Implementation Of 16 Bit Counter With Various Logic Using Process Variation Technology Anna University,Mr S Mohamed Sulaiman</p> <p>A Novel Future Crop Prediction Algorithm Using Data Mining Lemuria And Adaptive Lemuria Anna University,M TamilSelvi</p>	
<p>Patents</p>	<p>Published Count :5</p>	<p>Granted Count :Nil</p>
	<p>Wireless Remote Security Management Server For IoT Dr.B.Jaison Dr.P.Durgadevi T.Chindrella Priyadarshini p prem priya Karthik Elangovan SherineGloryJ.</p> <p>Novel Method of M-lot Based Blood Glucose Sensing Non-Invasive Technique T. Sethukarasi, B. Jaison, C.Geetha, S. Selvi, A. Thilagavathy</p> <p>Method for detection of liver cancer from computerized tomography images using convolution neural network B. Jaison, V. Sharmila Bhargavi, Mr. V. Vijayabhaskar, Dr. S. Meenakshi</p> <p>Novel Private Framework Design For Content Based Image Retrieval in Cloud Computing Dr.S.THANGA RAMYA, Dr.T. SETHUKARASI, Dr. SANDRA JOHNSON, Dr.B.JAISON, Dr.C.GEETHA, Dr R.DHANALAKSHMI, A. JASMINE GILDA, T. SUMITHA</p> <p>Universal IP Adapter 1.Dr.Sethukarasi T 2.Dr.Jaison.B, 3. Bharatvaj PH 4.Dinesh Kumar M 5. Goutham SM</p>	
<p>Professional Memberships</p>	<p>Count :5</p> <p>Indian Society for Technical Education(ISTE) Indian Society of Systems for Science and Engineering (ISSE) International Computer Science and Engineering Society(ICSES) International Association of Engineers(IAENG) International Association of Computer Science and Information Technology (IACSIT)</p>	

Consultancy Projects Completed	Count :01
Awards Received	Count :2
	BEST FACULTY ADVISOR AWARD The Institution of Engineers (India) All India Students Committee & Hosur Local centre, Hosur OUTSTANDING FACULTY IN ENGINEERING VENUS INTERNATIONAL FOUNDATION
Research grants Received	AICTE-3,00,000/-
Orchid Link / ID	ID : 0000-0001-6886-4321
Google Scholar Link / ID	ID : UM_8BRMAAAAJ
Vidwan Link / ID	ID : 305354
Research Gate Link / ID	ID: AAE-6953-2019
Scopus Link / ID	ID : 56884715900