


A1	Personal Details	
Dr.M.RAMKUMAR, M.E., Ph.D.,		
Associate Professor and Head		
Department of Computer Science and Business Systems		
Knowledge Institute of Technology		
Ph: 8438735314		
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A2	Areas of Interest	Data Science & Big Data, Cloud , Data Mining, AI & ML Programming : C , CPP, JAVA,Python, Oracle SQL
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A3	Subject Taught	
	UG	PG
	Problem Solving and Python Programming	Advance Computer Architecture
	C Programming	Advanced Operating System
	Object Oriented Programming	
	Database management Systems	
	Grid and Cloud Computing	
	Operating Systems	
	Compiler Design	
	System Software	

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
Ph.D	CSE	SSSUTMS	SSSUTMS, Madhya Pradesh	June 2020
M.E.	CSE	Kumaraguru College of Technology	Anna University	April 2010
B.E.	CSE	Sona College of Technology	Anna University	April 2008

A5		Work Experience as on Jun 2022					
Name of the Institution		Position		From		To	
Knowledge Institute of Technology		Assistant Professor		Aug 2022		Till	
HKBK College of Engineering		Associate Professor		April 2021		July 2022	
Gnanamani College of Technology		Assistant Professor		June 2019		March 2021	
Knowledge Institute of Technology		Assistant Professor		June 2013		April 2019	
Muthayammal Engineering College		Assistant Professor		June 2010		May 2013	
Total Experience	12	Teaching	12	Research	--	Industry	-

A6		Research Publications				
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total	
		36	01	09	05	51
Publications (Journals)						
1.	M.Ramkumar, Dr.G.Nanthakumar, published a research paper entitled on "Biclustering Gene Expression Data Using Genetic Simulated Annealing Algorithm" in the International Journal of Engineering and Advanced Technology (IJEAT), ISSN No: 2249-8958, Volume-8, Issue-6, August 2019, Pages 3717-3720.					
2	M.Ramkumar, Dr.G.Nanthakumar, published a research paper entitled on "A Gene Expression Data Biclustering Algorithm Using Large Average Submatrix Based Fcm Classification System" in the International Journal of Recent Technology and Engineering (IJRTE), ISSN No: 2277-3878, Volume-8, Issue-154, June 2019, Pages 753-756.					
3	M.Ramkumar, Dr.R.P.Singh, Dr.R.Devi Priya, published a paper entitled on "A Bi-Clustering Algorithm on Gene Expression Data Using Greedy Algorithm Based ANFIS System" in the Journal of Advanced Research in Dynamical Control Systems (JARDCS), ISSN No: 1943-023X, Volume-10,13th Special Issue, October 2018, and Pages 417-426.					
4	M.Ramkumar, M.Babu, R.Lakshminarayanan, published the paper entitled on "Classification Of Brain Tumor Using Bees Swarm Optimisation" in the ICTACT Journal on Image and Video Processing, ISSN No: 0976-9102, Volume-10, Issue-01, August 2019, Pages 2025-2030.					

5	Published a paper titled " Study On Dust Monitoring And Detection Using Internet Of Things" in International Journal of Creative Research Thoughts IJCRT, Volume 6,Issue 1, January 2018
6	Published a paper titled " The welfare of women safety based on IOT" in Advances in Engineering Research AER, Volume 142, March 2018
7	Published a paper titled "Review On Prevention of fire and gas accident use IOT Logic" in International Journal of Advanced Research in Science and Engineering IJARSE, Volume 7, Issue 3, February2018
8	Published a paper titled "Review On Cost Optimization And Dynamic Replication Methodologies In Cloud Data Centers" in Journal of Advanced Research and Dynamic Control Systems JARDCS, Volume 9, sp-18, 2017
9	Published a paper Titled "A Secured Encryption Scheme for File Sharing in Virtual Cloud Environment" in International Journal of Innovative Research in Technology, IJIRT, Volume 2, Issue 2, July 2015 "Password Attack Resistant using PGRP" in International Journal of Combined Research & Development, Vol.3, Iss.2, Aug 2014.
10	Published a paper Titled "Dynamic Cryptographic Authentication applied reversible data hiding by reserving room before encryption" in International Journal of Innovative Research in Engineering and Technology IJRET on 2014
11	Published a paper Titled "Data hiding images using spread spectrum in cloud computing" in International Journal of Scientific and Engineering Research IJSER, Volume 4, Issue 8, Aug 2013
Recent Publications (Conferences)	
1.	Participated and presented the paper entitled on "A Gene Expression Data Biclustering Algorithm Using Large Average Submatrix Based Fcm Classification System" in the International Conference on Multidisciplinary Engineering Sciences and Information Technology (ICMESIT-2019) held at IES college of Engineering, Thrissur, Kerala-India, on 02nd - 03rd May 2019.
2.	Presented a paper on "Performance analysis of Gene expression data using Iterative Signature algorithm", in International conference on Intelligent computing,Instrumentation and control technology" held at Vimal Jyothi engineering college,Kannur on 7 July 2017
3.	Participated and presented the paper entitled on "Study on Performance Measure of Statistically Significant Gene Expression Data Using Biclustering Algorithms" in the International Conference on Advance Studies in Engineering and Sciences (ICASES-17) held at Sri Satya Sai University of Technology & Medical Sciences , Bhopal-India, on 02nd December 2017.
4.	Presented a paper on "Resource Ranking for Multi Resource Sharing Platform Review Posting", in International conference Muticon-15" held at Muthayammal engineering college,Rasipuram on 29 April 2015
5.	Presented a paper on "The New Paradigm Shift to Composite Markets" in National conference on recent advances in computing sciences held at JCT college of engineering, Coimbatore on 4 Sep 2014

6.	Participated & Presented a paper in International conference on Communications, Networking and Signal processing held at VIT University, Vellore on 19 Sep 2013
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A 07	Memberships in Professional Bodies
S.No.	Name of the Professional Body
1.	Indian Society for Technical Education (ISTE)
2.	Institute For Engineering Research and Publication (IFERP)

A 08	Training Programmes Attended
At KIOT	
1	Attended a 1 day training on "How to train students the students in soft skills" at VIT 10 Nov-18
2	Attended 7 days Faculty Development Programme on Problem Solving and Python Programming organised by the Department of Computer Science and Engineering at Knowledge Institute of Technology, Salem from 11-17 June 2018
3	Attended 3 Weeks Training in E-box from Amphisoft in 'C', 'DBMS' and 'Data Structures' during 2016-17
4	Attended "Technical Communication" organized by Indian Institute of Technology, Bombay through remote center at knowledge institute of Technology from 11 Nov-5 Dec 2015
5	Attended Wipro Sponsored three days engineering faculty Workshop on "Basic Mission10x Program" at Knowledge Institute of Technology on from 17-19 Nov 2014
6	Attended "Computer Programming" organized by Indian Institute of Technology, Bombay through remote center at knowledge institute of Technology 20 May-21 June 2014
7	Attended a one day workshop on Mysteries of Pointers and Data Structures at Sri Eshwar college of Engineering, Coimbatore on 16 Aug 2013

A09	Special Lectures Delivered
1.	Handled a one-day guest lecture on Cloud Computing at Thiagarajar Polytechnic college, Salem on 27.07.2018
2	Handled two-days guest lecture on Python programming at JKK Nataraja Engineering college, Salem on 04.10.2017 & 05.10.2017

A 10	Awards & Recognitions
S.No	Name of the Award
1.	Selected as one of the finalists of "Best Techno Faculty Award 2015" of ICTACT

2.	Received “ Achiever of the Year Award ” of the Department 2015-2016-2017 for guiding students projects and awarded “ BEST FACULTY ” of the department 2017
3.	Received appreciation Certificate for “ E-Box Trainer ” for the Academic Year 2016-2017 & 2017-18.
4.	Received Elsevier Reviewer award from Computer Communications during July 2019
5.	Awarded for Best Innovative Teaching during 2022
A11	Research Grants/ Projects Received
A12	Programs Organized
1.	Organised a 5 days FDP on “ Hadoop Hortonworks ” through ICTACT, Chennai on July 24-28, 2017
2.	Organised a 5 days FDP on “ Oracle - Java Programming ” through ICTACT, Chennai on July 09-13, 2018
3.	Organised a 1 day “ Salesforce Trailhead Learnathon ” Student Championship in association with ICTACT on Feb 2, 2018
4.	Organised a 2 days FDP on “ Introduction to J2EE ” & a 5 days FDP on ASP.Net in association with ICTACT on Feb 2, 2018 programming through ICTACT, Chennai on Dec 15-19, 2015
5.	A 2 days’ workshop on “ India’s First Cloud Computing Championship ” by IIT-Bhubaneswar Neuromancers on Aug 7, 2015
6.	Organised a 1 day “ German and Korean Colloquim ” through World Wide Education on July 21, 2015
7.	Organised & Presented more than 10 webinars and 2 Workshops online during covid-19 lockdown using Industry Resources