


Personal Details	
K.Ravikumar B.E., M.E.,	
Associate Professor	
Department of Computer Science and Engineering	
Knowledge Institute of Technology, Salem - 637 504. India.	
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Areas of Specialization	Computer Networks, Data Analytics
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Subjects Taught	
UG	PG
Programming in C	Big Data Analytics
Data Structures	Advanced Data Structures and Algorithms
Design and Analysis of Algorithms	Principles of Programming Languages
Artificial Intelligence	
Compiler Design	
Computer Programming	
Computer Networks	
Database Management Systems	
Software Engineering	
Object Oriented Programming	
Computer Organization and Architecture	
Data Structures Design	

Academic Background				
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
M.E.	Computer Science and Engineering	Nandha Engineering College, Erode	Anna University	2010
B.E.	Computer Science and Engineering	Kongu Engineering College, Erode	Bharathiar University	1999

Work Experience as on April 2023							
Name of the Institution		Position		From		To	
Knowledge Institute of Technology, Salem		Associate Professor		May 2011		Present	
Nandha Engineering College, Erode		Assistant Professor		August 2001		May 2011	
Total Experience	21 Yrs. 08 Months	Teaching	21 Yrs. 08 Months	Research	-	Administration	-

Research Publications					
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
		2	-	5	6
Recent Publications (Journals)					
1.	Published a Research Paper Titled “ PROTECTING VIRTUALIZED INFRASTRUCTURES IN CLOUD COMPUTING BASED ON BIG DATA SECURITY ANALYTICS ”, ICTACT JOURNAL ON SOFT COMPUTING, Volume 11, Issue 2, Jan 2021, ISSN NO.: 2229-6956 (ONLINE)				
2.	Published a Research Paper Titled “ LOAD BALANCED GEOGRAPHIC ROUTING IN WIRELESS SENSOR NETWORKS ”, IJRASET, Volume 3, Issue 6, June 2015, ISSN NO.: 2321-9653				
Recent Publications (Conferences)					
1.	Published a Paper in International Conference on Recent Trends in Computers, Electronics and Electrical Engineering, titled “ Home Automation and Electricity Usage Monitoring using Internet of Things ” on August 2020 at St.Peter's Engineering College, Telangana				
2.	Published a Paper in National Conference NCIIT 2016, titled “ IRIS RECOGNITION BASED ON BIOMETRICS ” on 25th & 26th February 2016 at Bannari Amman Institute of Technology, Sathy				
3.	Published a Paper in International Conference IAETSD, titled “ LOAD BALANCED GEOGRAPHIC ROUTING IN WIRELESS SENSOR NETWORKS ” on 24th May 2015 at Hotel Mangala International, Coimbatore				
4.	Published a Paper in International Conference MULTICON'15, titled “ GEOGRAPHIC ROUTING: DATA TRANSMISSION ON MOBILE SENSOR NETWORK BY MANAGING THE NODE ” on 29th & 30th April 2015 at Muthayammal Engineering College, Rasipuram				

5.	Published a Paper in International Conference ICCTET 2014, titled "A MESSAGE PASSING INTERFACE TO SUPPORT FAST DATA ACCESS IN DISTRIBUTED CLOUD ENVIRONMENT ALONG WITH MASTER & SLAVE COMMUNICATION" on 8 th July 2014 at Akshaya College of Engineering & Technology, Coimbatore
6.	Published a Paper in National Conference EICA-13, titled "SECURE FILTERING SCHEME FOR DATA REPORTING AND ROUTING IN WIRELESS SENSOR NETWORKS" on 16 th February 2013 at KSR College of Engineering, Tiruchengode
7.	Published a Paper in National Conference NCRTIC 2013, titled "NOVEL INTRUSION DETECTION SOFT COMPUTING TECHNIQUES WITH NOVEL BEHAVIORS" on 1 st & 2 nd February 2013 at Maharaja Engineering College for Women, Perundurai
8.	Published a Paper in National Conference NCRTIT 2011, titled "PRIVACY PRESERVED OUTLIER DETECTION FOR MUTI PARTY ENVIRONMENT" on 29 th January 2011 at MPNMJ Engineering College, Chennimalai
9.	Published a Paper in National Conference NCRTIT 2011, titled "WEIGHTED RULE MINING AND CLUSTERING WITH LINK BASED WEIGHT ESTIMATION ALGORITHM FOR WEB USAGE DATA" on 29 th January 2011 at MPNMJ Engineering College, Chennimalai
10.	Published a Paper in National Conference SACS '10, titled "MULTIPLE ROUTING CONFIGURATIONS FOR FAST IP NETWORK RECOVERY" on 10 th April 2010 at MPNMJ Engineering College, Chennimalai
11.	Published a Paper in International Conference ETIC 2007, titled "PROBABILISTIC APPROACH TO LOCATE A MOBILE NODE IN A WIRELESS DOMAIN" on 7 th & 8 th September 2007 at SSM College of Engineering, Komarapalayam

Memberships in Professional Bodies

S.No.	Name of the Professional Body	Membership Number
1.	Member in Indian Society of Technical Education (ISTE)	LM52181
2.	International Association of Engineering & Technology for Skill Development (IAETSD)	IAETSD14001282

Programs Organised

1.	Organized a Two Week ISTE WORKSHOP on "DATABASE MANAGEMENT SYSTEMS" Conducted by IIT-BOMBAY on 21 st May to 31 st May, 2013
2.	Organized "MISSION10X - UTLP EXPERT WORKSHOP"
3.	Organized "MISSION10X - UTLP PRACTITIONER TRAINING PROGRAM"
4.	Organized a National Level Technical Symposium KNOWMEET'2K12
5.	Organized a National Level Technical Symposium KNOWMEET'2K11

Awards

Received "**BEST FACULTY AWARD**" of Department on Annual Day-2013 and Annual Day-2021

Shortlisted for Finale in "**CODE GLADIATORS 2022**" conducted by TECHGIG during July 2022

Recognised as the topper of the hackerrank contest, conducted as part of the five day Online FDP on "**PYTHON**" organized by Vellore Institute of Technology, Chennai from 5th May to 9th May, 2020.

Received ICT Academy Certified Trainer in "**C PROGRAMMING**" organized by ICT Academy at Knowledge Institute of Technology on 19 th July 2018

Received "**ACHIEVER AWARD**" for guiding Students to participate in Hackerrank Challenges and score more than 500 Hackos and on my behalf scored around 1000 Hackos in Hackerrank online platform during 2016-2017 Achievers Day function

Received "**ACHIEVER AWARD**" for guiding Students to get Honor Code Certificate from IITBombayX during 2015-2016 Achievers Day function