

FACULTY PROFILE

Name of the College : R.M.K ENGINEERING COLLEGE
Name of the Department : ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
Name of the faculty member : Dr.M.HEMALATHA
Present Designation : ASSOCIATE PROFESSOR
Date of joining the present post : 15/07/2022



I. Particulars of Educational Qualification:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University
Ph.D	Ph.D	I&C	2021	R.M.D ENGINEERING COLLEGE	ANNA UNIVERSITY
PG	M.E	CSE	2009	R.M.K ENGINEERING COLLEGE	ANNA UNIVERISITY
UG	B.E	CSE	2000	JAYARAM COLLEGE OF ENGINEERING AND TECHNOLOGY	BHARATHIDASAN UNIVERSITY

II. Title of Ph.D. Thesis * : Enhanced Algorithms for IPV6 Lookup

III. Faculty in which Ph.D. was awarded : I&C

IV. Areas of Specialization : AIDS, AIML, HPC, Computational Biology

V. Academic Experience: 23 years

S. No.	Designation	Name of the Institute	Period
Academic Experience			
1	Associate Professor/AIDS	R.M.K Engineering College	July 2022 to till date
2	Associate Professor/AIDS	Saveetha Engineering College (Autonomous), Thandalam, Chennai	August 2021 to June 2022
3	Assistant Professor/CSE	Aalim Muhammed Salegh College of Engineering, IAF, Avadi, Chennai	November 2016 to August 2021
4	Assistant Professor (SG)/CSE	SRM Easwari Engineering College, Ramapuram, Chennai	July 2016 to November 2016
5	Assistant Professor/CSE	R.M.K Engineering College, Kavaraipettai	July 2010 to May 2016
5	Senior Lecturer/CSE	R.M.K Engineering College, Kavaraipettai	October 2009 to June 2010
6	Lecturer/CSE	R.M.K Engineering College, Kavaraipettai	November 2004 to September 2009

7	Lecturer/CSE	VIT, Vellore	May 2003 to August 2004
8	Teaching Assistant	VIT, Vellore	August 2001 to May 2003
Industrial Experience			
9	Trainee	TransEd Software Education, Chennai	December 2000 to August 2001
10	Faculty	SSI Ltd. Educational Service Provider, Arakkonam	August 2000 to December 2000

VI. Research Experience: Doctoral Student under Anna University

VII. No of Papers Published: 06
(ORCID-ID: 0000-0002-2071-0224 **SCOPUS AUTHOR ID:** 57195435794)

VIII. International Conference : 03

IX. FDP & Workshops: 27

X. Invited Talks: 04

XI. Memberships: ISTE life member (LM87592)

XII. Books Published: 01 (Graph Theory and Applications R2017 Anna University)

XIII. Subject Proficiency:

Artificial Neural Networks, Business Intelligence for Predictive analytics, Artificial Intelligence, Problem solving and python programming, Graph Theory and Applications, Design and Analysis of Algorithms, Data Structures, Computer Networks, Programming Paradigms, Advanced Computer Architecture, Professional Ethics, Fundamentals of Computing, C Programming, Object Oriented Programming.

XIV. Notable Achievements:

- Tamil Text Translator for NPTEL Video Lectures
<https://drive.google.com/file/d/1VKr9-ku81V9M8z-wrKzBQKPbv8r2Ko7j/view>
- VISITING GUEST FACULTY, Tamil Nadu Dr. J. Jayalithaa Fisheries University, Institute of Fisheries Post Graduate Studies, TNJFU-OMR Campus, Vaniyanchavadi, Chennai