

RESUME

Dr. NAGARAJAN.M.K

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10/394, Erattai Pillaiyar Kovil Street,
Paramakudi – 623 707,

CAREER OBJECTIVE

To establish myself in the field of education, to utilize my skills and experience to help students and achieve high improvements in academics.

ACADEMIC EXPERIENCE

PERIOD	POSITION HELD	ORGANISATION	YEARS
01.06.2024 to Till Date	ASSOCIATE PROFESSOR	KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION	9 MONTHS
26.11.2021 to 31.05.2024	ASSISTANT PROFESSOR - II	KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION	2 YEARS 6 MONTHS
22.06.2009 to 25.11.2021	ASSISTANT PROFESSOR	KALASALINGAM INSTITUTE OF TECHNOLOGY,	12 YEARS 6 MONTHS

During the above tenure, handled classes on Fundamentals of Computing and Computer Programming, Computer Networks, Object Oriented Programming, Operating Systems, Software Engineering and Quality Assurance, Software Project Management, Web Technology, Data Base Technology, Computer Architecture, Information Security Fundamentals, IT Data Security, IT Application Security, IT Network Security and also handled laboratory classes for the above subjects.

PROFESSIONAL QUALIFICATION

DEGREE	DECIPLINE	UNIVERSITY/INSTITUTION	PERCENTAGE & CLASS	YEAR OF PASSING
Ph.D	I&CE	Anna University, Chennai	-	2024
M.E	SOFTWARE ENNG	Vel Tech. Engg. College Anna University, Chennai	79, First Class	2009
B.E	CSE	Syed Ammal Engg. College Anna University, Chennai	68, First Class	2006
HSC	MATHS AND BIOLOGY	Sourashtra Higher Secondary School, Paramakudi	85.5	2002
S.S.L.C	-----	Sourashtra Higher Secondary School, Paramakudi	85.6	2000

RESEARCH EXPERIENCE

- Involved in guiding the UG level projects for the final year students.
 - Computer Networks
 - Cloud Computing
- Involved in guiding the PG level projects for M.E Students.
 - Cloud Computing
 - Network Security

ROLE & RESPONSIBILITIES @ KARE

- I worked as a time table coordinator at the department level.
- I worked as an incharge for Criteria 2.4.2 in NAAC at the central level.
- I worked as an criteria five sub coordinator in the NBA at department level.
- I worked as an Assistant Director, International Relations Office.
- Currently I am have a lab overall lab incharge for our department laboratories.
- Grade Verification Committee member @ Central level

PUBLICATIONS

National Conference

Presented a paper in the title of “Web usage Mining: Evolving User profiles in Dynamic Websites” conducted by National Engineering College, Kovilpatti.

International Conference

Presented a paper in the title of “SECURE DATA LIABILITY IN THE CLOUD” conducted by K.L.N college of Information Technology held on 21st and 22nd December 2012.

Presented a paper in the title of “THROUGHPUT MAXIMIZATION OF OPTICAL BURST SWITCHING NETWORKS” conducted by Sun College of Engineering and Technology held on 18th and 19th February 2013.

Presented a paper in the title of “A LITERATURE SURVEY ON WIRELESS SENSOR NETWORKS”, IN THE INTERNATIONAL CONFERENCE “ICIEST-2020” organized by Kalasalingam Institute of Technology, during 12 – 13 March,2020.

Presented a paper in the title of “ENERGY EFFICIENT ROUTING IN WIRELESS SENSOR NETWORKS USING OPPOSITION-BASED BUTTERFLY ALGORITHM” in 1st International Conference on Energy, Materials Sciences and Mechanical Engineering (EMSME-2020) organized by department of Mechanical Engineering, NIT on October 30th - November 1st 2020.

Paper presented in the title of “ENERGY EFFICIENT ROUTING IN WIRELESS SENSOR NETWORKS USING OPPOSITION-BASED BUTTERFLY OPTIMIZATION ALGORITHM” in the Conference of “1st International Conference on Energy, Materials Sciences and Mechanical Engineering, NIT, Delhi”, Nov 1st 2020.

Presented a paper in the title of “A NOVEL SWARM INTELLIGENCE ROUTING PROTOCOLS IN WIRELESS SENSOR NETWORKS” at the International Conference on ICECMSN – 2021 organized by department of CSE / ISE and Department of ECE, RV Institute of Technology and Management, Bengaluru on 28 & 29 September 2021.

Presented a paper in the title of “Flood Risk Management Systems using Satellite Images”, in 9th International Conference on Micro Electronics, Electromagnetics and Telecommunications (ICMEET 2024) organized by Software Technology Parks of India, Kolkata on 19-20 December 2024.

Paper Published in Journals (Scopus/SCI/Others)

Paper published in the title of “TWO-TIER METAHEURISTIC BASED ENERGY AWARE CLUSTERING TECHNIQUE FOR WIRELESS SENSOR NETWORKS” in the journal of “ Turkish Journal of Physiotherapy and Rehabilitation”, Volume 32, Issue No:3, March 2021.

Paper published in the title of “URBAN STREET CLEANLINESS ASSESSMENT USING MOBILE EDGE COMPUTING AND DEEP LEARNING”, in the journal of “International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE)”, April, 2021.

Paper published in the title of “A NOVEL SWARM INTELLIGENCE ROUTING PROTOCOL IN WSN” in the Lecture notes on Data Engineering and Communication Technologies, Springer, Singapore, 22nd March 2022.

M.K.Nagarajan, N.Janakiraman, C.Bala Subramanian, “A NEW ROUTING PROTOCOL FOR WSN USING LIMIT-BASED JAYA SAIL FISH OPTIMIZATION-BASED MULTI-OBJECTIVE LEACH PROTOCOL: AN ENERGY EFFICIENT CLUSTERING STRATEGY”, Vol. No 27, pp. 2131-2153, April 2022, Wireless Networks. [Impact Factor: 2.701]

Paper published in the title of “INNOVATING ELECTRONICS SMART VOTING THROUGH FACIAL RECOGNITION TECHNOLOGY” in the IEEE Xplore, 19th May 2023.

Paper published in the title of “A SYSTEMATIC REVIEW AND RESEARCH CONTRIBUTIONS ON ASPECT-BASED SENTIMENT ANALYSIS USING TWITTER DATA” in the Journal of “Intelligent Decision Technologies”, 15th Sep 2023.

Paper published in the title of “IMPLEMENTATION OF PATROLLING ROBOTS FOR APARTMENTS USING CLOUD TECHNOLOGY” in the IEEE Xplore, 30th July 2024.

Paper under review in the title of “MO-IEFO: MULTI OBJECTIVE ELECTRIC FISH OPTIMIZATION FOR ENERGY AND SECURITY AWARE CLUSTER HEAD SELECTION IN WSN”, in the Journal of “IEEE Xplore”.

PATENT:

Patent was granted in the title of “Robotic Surgery Machine”, The Patent Office, Govt. Of India, 384324-001, 19th April 2023.

Patent was published in the title of “Artificial Intelligence Based Multi-Mathematical Modelling for Manufacturing System and Business Safety Guard”, App. No: 202441029033 A, 19th April 2024.

Patent was published in the title of “Implementation of Distributed Renewable Energy Systems through Machine Learning by Newton Rapshon ME”, App. No: 202441052613 A, 19th July 2024.

WORKSHOPS/FDP ATTENDED

1. Attended a ATAL FDP in the title of “Innovative Approaches to Cyber Security and Digital Forensics: Tools, Techniques and best Practices” organized by AICTE, New Delhi on 16th to 21st December 2024.
2. Attended a National level workshop in the title of “Cloud Computing Tools”, organized by Dept. of CSE, Thiagarajar College of Engineering, Madurai, during 15 – 18, October 2015.
3. Attended a National level workshop in the title of “Network Research Using QualNet” organized by Department of Computer Science and Engineering, Sun College of Engineering and Technology during September 21st -22nd 2012.
4. Attended a National level workshop in the title of “Developing NS-2 for Network Simulation (phase-II)” organized by the Communication Engineering Division, SENSE, VIT University, Vellore during February 23rd – 25th 2012.
5. Attended a National level workshop in the title of “Recent Trends in Cloud Computing” organized and conducted by Department of Information Science and Technology, College of Engineering, Anna University during December 15th -16th 2011.
6. Attended a National level workshop in the title of “Advanced Research in NS2” organized by Department of Computer Science and Engineering, Sun College of Engineering and Technology on July 16th 2011.
7. Attended a National level workshop in the title of “National Workshop on Research Issues in Wireless Networks” organized by Department of Computer Science and Engineering, Sun College of Engineering and Technology on May 07th 2011.
8. Attended a Three days NBA Assessment and Accreditation workshop in KLU.
9. Attended a Flipped Class workshop in our college.
10. Attended More then 30 FDP’s in my careers.

CERTIFICATION

IBM DB2 UDB V 8.1 Family Fundamentals. IBM Exam 000-700.

Sun Certified Programmer for the Java Platform, Standard Edition 5.

Java Full Stack Certification Completed and Training Given by Virtusa.

PERSONAL PROFILE

Father’s Name	: Mr.M.R.Kuppusamy
DOB and Age	: 25-03-1985, 39
Gender	: Male
Citizenship	: Indian
Passport Number	: H0279917
Religion	: Hindu
Caste	: Sourashtra Brahmin
Marital Status	: Married
Permanent Address	: 10/394, Erattai Pillaiyar Kovil Street,

Paramakudi – 623 707,
District – Ramanathapuram,
Tamilnadu, India.

Name and address of the Referees, not related to the applicant:

- | | |
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| 1. Dr. N. Janakiraman, Ph.D.,
Professor, Dept. of ECE,
K.L.N. College of Engineering,
Pottapalayam, Sivaganaga Dist,
PIN – 630 612.
Mob: 9080738698
Mail Id: janakiramanforu@yahoo.com | 2. Dr. C. Balasubramanian, Ph.D.,
Principal
P.S.R.R. Engineering College,
Sevalpatti, Sivakasi – 626 140,
Virudhunagar Dist.
Mob : 7373087080
Mail Id: rc.balasubramanian@gmail.com |
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DECLARATION

I certify that the information given above is true, complete and correct to the best of my knowledge and belief.

Place: Srivilliputtur

Yours Sincerely,

Date: 18/02/2025

(Dr.Nagarajan.M.K)