Mr.J.RAJKUMAR

Assistant Professor
Department of Computer Science
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Career Objective:

To be an Integral and an Indispensable Part in an Organization involved in the Diffusion and Dissemination of Knowledge Resource in the field of the Computer Science/Applications in the University Graduation Level.

Academic Profile:

Pursuing PhD in the area of "**Big Data Analytics**" from **Bharathiyar University, Coimbatore** Under the Guidance of Dr. N. Kavitha, Head, Department of Computer Science, Nehru Arts & Science College, Coimbatore.

Completed Master of Philosophy with **First Class** in **"Computer Science"** and passed out 2010 at **PRIST University**, Thanjavur.

Completed Master of Science in "**Computer Science & Information Technology**" and passed out **2004** with **Distinction** at **Subbulakshmi Lakshmipathy College of Science (**Autonomous), Madurai.

Completed Bachelor of Science with **First Class** in "**Computer Science**" and passed out **2001** at **Sourashtra College**, Madurai.

Additional Qualification:

Secured **"B"** Grade Certificate in "**Advanced Networking and Routing Configuration**" at Accel Computer Academy, Chennai.

Completed **M**icrosoft **C**ertified **P**rofessional (**MCP**) Examinations at **Microsoft Corporation**.

Professional Experience:

Serving I as an **Assistant Professor** in the department of Computer Science at **Mannar Thirumalai Naicker College,** Pasumalai, Madurai. (Aug 2021 to till date)

Served I as an **Assistant Professor** in the department of Information Technology at **Nehru Arts and Science College,** Coimbatore.(June 2016 to July 2020)

Served I as an **Assistant Professor** in the department of Computer Applications Department (MCA) at **Nehru Institute of Engineering & Technology**, Coimbatore. (August 2011 to May 2016)

Served I as an **Assistant Professor** in the department of Computer Science at **AJK College of Arts & science,** Coimbatore (July 2010 to July 2011).

Served I as an **Assistant Professor** in the department of Computer Science **at Kodaikanal Christian College (Autonomous),** Kodaikanal (July' 2008 to Apr 2010).

Served I as a **Lecturer cum System Manager** in the department of Information Technology at **Sri Kaliswari College**, Sivakasi (Dec'2007 to Apr '2008).

Proposals Submitted Details:

National Seminar on **Wireless Body Area Networks, Challenges and Opportunitie**s Dec 2015. Submitted to DRDO, New Delhi.

National Seminar on **Machine Learning Soft Computing Technique for Digital Images** Feb 2015. Submitted to Council of Scientific & Industrial Research, (CSIR), New Delhi.

AQIS Seminar Grant Proposal Sent to AICTE, New Delhi on Feb -2013, Paper Entitled that **ARCHITECTURE AND SECURITY ISSUES ON ADVANCED NETWORK PROTOCOLS**, Application ID: 1-1501588082

Technical Skills:

New Expertise:

Big Data Analytics, Robotics, Word Press, Cloud Computing, Joomla

Database:

Mongo DB, RDBMS, Oracle, SQL Server 2005, MS-Access

Web Technologies:

HTML, ASPDOTNET, XML & JavaScript, Multimedia, Photoshop, Flash MX 2004

Operating System:

Ubuntu 13.10, Windows 7, Windows 8

Programming Skills:

EJB, Net Beans, C, C++, Visual Basic 6.0

Resource Person:

Acted as a resource person in Basic skills in computer for Laboratory, staff under – DBT Star College Scheme on 17 March 2022 at Vivekananda College, Madurai

Acted as a resource person in MongoDB in Big Data Analytics, staff under – DBT Star College Scheme on 7 March 2024 at Vivekananda College, Madurai

Programmes Organized:

Sl. No.	Title	Period	Place
1	Street Play on Hologram Technology and 5G Networks	Dec 2022	Periyar Busstand, Madurai
2	Extension Activity on Hologram and Animation	Jan 2023	M.M. Hr.Sec.School, Tirunagar, Madurai
3	Python Programming on Machine Learning	Mar 2023	Mannar Thirumalai Naicker College, Madurai

Journals Published:

Role of Iterated Prisoner's Dilemma and Genetic based Machine Learning, Published by PINDAC - Vol 1, 2013. Pg47-53, ISSN2321-9238

Proposals Submitted Details:

S. No	Title of the Proposals	Seminar/Workshop /FDP	Name of the Agency	Month & Year
1	Wireless Body Area Networks, Challenges and Opportunities	Seminar	DRDO, New Delhi	Dec& 2015
2	Machine Learning Soft Computing Technique for Digital Images	Seminar	CSIR, New Delhi	Feb&2015
3	Architecture and Security Issues on Advanced Network Protocols	Seminar	AICTE, New Delhi	Feb&2013

Paper presented in Conference/Seminar:

S. No	Title of the Paper	International /National/ State Level	Title of the Conference	dd/mm/yr
1	A Literature Survey: Bigdata on Machine Learning Tools	International Conference	IC-IRISH2017,Bangkok, Thailand	Nov-29-2017 To Nov 20-2017
2	Challenging and Survey of Bigdata on Machine Learning	International Conference	ICICSIT-18	Feb-08-2018 to Feb-09-2018
3	Bigdata on Machine Learning Methods	International Conference	ICICSIT-19, Indonesia	Nov-26_2019 to Nov-27_2019
4	A Survey of Review I Fuzzy Optimization and Models	National Conference	Rapam2024	Mar-15-2024

FDP/ Workshop Attended (other than MTNC):

S.No	International/ National/State level	Title of the Programme /Course	Name of the Institution/University	dd/mm/yr
1	International	Big data Analytics for Business	Hindustan College, Coimbatore	08/05/2020

2	International	Online FDP on Big Data Tools	St. Martin's Engineering College, Secundrabad	18/05/2020
3	National	Online FDP on Machine Learning and Artificial Intelligence	Andhra Loyola Institute of Engineering& Technology, Andhra Pradesh	04/05/2020 to 06/05/2020
4	International	Gamification Tools in Teaching	St Xavier's College for Women, Aluva, Kerala	07/05/2020
5	International	Python Programming	Sona College of Technology, Salem	18/05/2020 to 23/05/2020
6	National	Innovating Smart Teachers: Train the Trainer Concepts– Version2.2	Nehru Arts and Science College, Coimbatore	25/04/2018 to 18/18/2018
7	National	Autonomy and Outcome based Education	Nehru Arts and Science College	13/05/2017 to 27/05/2017
8	National	Innovating Smart Teachers: Train the Trainer Concepts	Nehru Arts and Science College	01/11/2017 to 24/11/2017

Seminars & Webinars Attended (other than MTNC):

S.No	International/National / State level	Title of the Programme	Name of the Institution/ University	dd/mm/yr
1	National Seminar	Data Analytics	Sri Vasavi College, Erode	22/02/2019
2	National Seminar	Machine Learning In Artificial Intelligence	AJK College of Arts &Science Coimbatore	12/12/2019
3	National Seminar	Advanced Technologies & Research challenges in IT	Sethu Institute of Technology, Karaiapatti	09/01/2020
4	National Webinar	Accessing Research Output &its Enhancement	JK Business School, Gurugram, New Delhi	02/05/2020
5	National Webinar	Micro service in Java Gateway Tool	Sathyabama Institute of Science &Technology, Chennai	09/05/2020

6	National Webinar	Digital Tools for E-Content Development	J.K.K.NATARAJA College of Arts and Science, Kumara palayam, CBE	10/05/2020
7	National Webinar	Machine Learning Algorithms, Applications and Trends	SHASUN Jain College for Women, Chennai	10/05/2020
8	National Webinar	ROBOTS afterCOVID-19	NILGIRI College of Arts and Science, The Nilgiris	11/05/2020
9	National Webinar	Virtual Classroom Management using Microsoft Teams	LakiReddy BaliReddy college of Engineering, Mylavara, AndhraPradesh	12/05/2020
10	International Webinar	Sentiment Analysis Concepts and Applications	Nehru Arts and Science College, Coimbatore	14/05/2020
11	National Webinar	Robotic Process Automation	Nehru Arts and Science College, Coimbatore	16/05/2020
12	National Webinar	Node.js	Laki Reddy Bali Reddy college of Engineering, Mylavara, Andhra Pradesh	17/05/2020

Workshop/Conference/Seminar/FDP Attended in MTNC:

S.No	International /National/ State Level	Title of the Workshop/Conference /Seminar	Name of the Institution / University	Month and Year
1	National level FDP	Enhancing Quality by Unearthing Innovative Practices – EQUIP 22	Mannar Thirumalai Naicker College, Madurai	18.04.2022 to24.04.2022
2	State level FDP	Stress Management	Mannar Thirumalai Naicker College	22.08.2022 to24.08.2022
3	State level FDP	Dynamics of Research Publications	Mannar Thirumalai Naicker College	15.09.2022 & 16.09.2022
4	State Level FDP	Consultancy and Corporate Training	Mannar Thirumalai Naicker College	17.03.2023

5	State Level FDP	Insights of National Education Policy(NEP2020)	Mannar Thirumalai Naicker College	18.03.2023
6	State Level FDP	Cyber Security And Hacking Organized By The Department Of Computer Science & Applications	SRM Institute Of Science And Technology, Ramapuram, Chennai-600089	16.06.2023 to 24.06.2023
7	State Level FDP	Celonis Process Mining Using Execution Management System	ICT Academy at K.L.N College Of Engineering.	20.06.2023 to 22.06.2023
8	State level Hands on Training Programme	Network Operating System Installation and Configuration	Mannar Thirumalai Naicker College	27.07.2023
9	National Level Online Workshop	ChatGPT & AI Tools to save2 hours of work daily	Mannar Thirumalai Naicker College	27.07.2023 & 28.07.2023
10	State Level Workshop	Intellectual Property Rights	Mannar Thirumalai Naicker College	16.10.2023 And 17.10.2023
11	State Level Workshop	Cloud Infrastructure (AWS)	M.O.P. VAISHNAV COLLEGE FOR WOMEN	21.08.2023 to 25.08.2023
12	State Level FDP	Exploring Technological Advancement : A Voyage Into Emerging Horizons	Sri S.Ramasamy Naidu Memorial College	20.11.2023 to 27.11.2023
13	State Level Workshop	The Art Of Emerging Powered AI Tools For Tomorrow's Tech	Kamaraj College Of Engineering And Technology	22/03/2024