Dr. Sunil Kumar R.M

Email :sunilcse4@gmail.com
Contact no : 9663847366

Career Objective

My career objective is to contribute significantly to the field of computer science through innovative research, dedicated teaching, and active engagement in academic and professional communities. I aim to foster an environment of academic excellence, mentor the next generation of computer scientists, and continue advancing my expertise while making valuable contributions to the ever-evolving world of technology.

Skills

Skill	Rating
Communication skills	★★★★★★★★☆☆
Programming skills	★★★★★★★★☆☆
Motivational skills	★★★★★★★★☆☆
Listening skills	★★★★★★★☆☆☆
Stage speaking	★★★★★★★★☆☆

• Experience

(Total : 16 years)

- Currently working as Associate Professor & Head of the Department in Computer Science and Engineering Department at R.L.Jalappa Institute of Technology.

- Worked as an **Assistant Professor (sr. grade)** in School of Computer Science in Presidency University.(6.5 years)

- Worked as **Assistant Professor** in **Department of CSE** GITAM University Bangalore campus from 19/12/2016.(1 year)

- Worked as **Assistant Professor** in R.L Jalappa Institute of Technology since 11-10-2008 to 17/12/2016. (8years)

- Working as a chief coordinator for NBA.

- Worked as **Placement Officer** in R.L Jalappa Institute of Technology.

- Worked as **Trainer for Oracle 9i**.

- Worked as a **Single point of contact (SOPC)** in **Infosys Campus connect** program.

- Worked as a Member in **NAAC Coordinator**

- Worked as a Member in **hostel committee.**

- Active member in **student welfare and Employee welfare committee**.

- Worked as a **cultural committee coordinator.**

- Worked as **Project Coordinator** for the current year**.**

- As a motivational speaker I have visited many Intuitions as a resource person to speak on personality development, smart skills and current programming trends.

- Member in **RVCE Alumni Association**.

Education

EXAM	INSTITUTE	UNIVERSITY	YEAR OF PASSING	RESULT (AGGRE GATE)
PhD	Presidency University	Presidency University	2023	_
M.Tech	R.V college of engineering	Visveswaraiah Technological University,	2013	75%
B.E	R.L.Jalappa Institute of Technology	Visveswaraiah Technological University,	2008	70%

Technical Proficiencies

Platform : Windows 98/2000/XP/8/10, Linux/UNIX,Ubantu.

Languages : C, C++, HTML, PHP.

 Databases : Oracle 11g, MySQL, mongo dB.

Azure Cloud: Azure Admin.

Research

Ph. D. Research work:

"BLOCKCHAIN-BASED FRAMEWORK FOR ENHANCINGSECURITY AND PRIVACY OF PATIENT HEALTH RECORDS", Under the guidance of Dr. A. Jayachandran.

Membership in Professional Bodies	• Life Member "Indian Society for Technical Education", India. • •Life Member "Cryptology Research Society of India", India. • •Life Member "The Institution of Engineers (India)".
Subjects Thought	(i) Analysis of Algorithms (ii) Web Technologies (iii) Devops tools (iv) Finite Automata and Formal Language (v) Cloud Computing (vi) Database Management Systems (vii)Data Structures (viii) Azure Admin (ix)C programming (x) Object Oriented Programming (xi) Cyber security (xii) NOSQL (xiii) Full stack Development
Achievements /Awards	• **German Patient grant** "System for monitoring and diagnostics of cyber/network security remotely using Machine learning Feature" • **SLET (KSET) Exam Qualifier (Govt of Karnataka) exam.** • Patent grant for AI-based River Drowsiness Detecting Device, awarded by the Patent Office, Government of India on 07/03/2024, Patent Number: 409501-001. • Patent grant for IoT-based Automatic Robotic Waste Bin, awarded by the Patent Office, Government of India on 07/03/2024, Patent Number: 409500-001. • Patent grant for AI-based Device for Splicing Optical Fibres, awarded by the Patent Office, Government of India on 27/05/2024, Patent Number: 418156-001. • **Applied for a patent under** "Indian IPR (Office of the Controller General of Patent, Designs & Trade Marks, Department for Promotion of Industry and Internal Trade, Ministry of Commerce and Industry, Government of India) on the title "**SMART SECURITY OVERLOADED AT DOORSTEP WITH OWNER ALERT ALARM USING IOT**", the **Patent Office Journal .**

- **Funded project/seed grant obtained** for " Development of Team of Robots for Ring Throwing " was sanctioned by presidency university.
- **Certified IIC Ambassador in Presidency University**

Conferences attended and papers presented	- RM, Mr SUNIL KUMAR, and A. JAYACHANDRAN. **"HBESDM-DLD: A SECURE BLOCKCHAIN-BASED MEDICAL DATA MANAGEMENT WITH DEEP LEARNING-BASED DIAGNOSTIC MODEL."** *Journal of Theoretical and Applied Information Technology* 101, no. 17 (2023).

- RM, Mr Sunil Kumar, and A. Jayachandran. **"ENSURING DATA SECURITY FOR PATIENT HEALTH RECORDS WITH CLOUD-BASED BLOCKCHAIN MONITORING AND ACCURATE DISEASE CLASSIFICATION USING CNN."**
- Chinthamu, Narender, M. Guru Vimal Kumar, Sunil Kumar RM, Indrajeet Kumar, Divya Mishra, Chanchal Prabha, and Afroz Pasha. **"HIGH-PERFORMANCE CLOUD-BASED ARCHITECTURE FOR MANUFACTURING SECTORS."**
- Sunil kumar R.M ," **Enhancing the quality of drug discovery using bioinformatics leads to more effective treatments** "Bulletin of Environment, Pharmacology and Life Sciences ,Web of Science,ISSN 2277-1808,Journal Impact Factor: 2.59,NAAS Rating 4.95.
- Sunil kumar R M," **A Brief Survey for Instigating factors behind Cryptocurrency Systems** (Paper ID: IJARCET15-4147)" has been published in "International Journal of Advanced Research in Computer Engineering & Technology".
- Paper published on "**XOR's in AIR : a practical approach**" in National Conference conducted by Acharya Institute of Technology.
- Paper published on "**XOR's in AIR : a practical approach**" in National Conference conducted **Recent Advances in Science, Engineering & Technology (NCRASET-16) SVCE.**
- Paper on "**MANET and its security Issues**" selected for the upcoming national conference conducting by Rural engineering college Balki and Sumbram College of Engineering.

- Paper published on "**Efficient Techniques For Improving Robustness And Accuracy In Segmentation Of Microarray Images**" in national conference conducted by R.L.J.I.T
- Paper published on "**Novel Technique For Restoration Of Microarray Images**" in national conference conducted by R.L.J.I.T
- Guided 360 students for Infosys campus connect programming from the acemedic year 2012.
- Paper published on "**A Novel Approach For Automatic Gridding For Skewed And Noisy Microarray Images**" in national conference conducted by S.V.C.E
- Paper published on "**A Quantitative Investigation on Impact of Noisy Microarray Images**" in national conference conducted by S.V.C.E.
- Attended faculty Enablement Program (FEP) conducted by Infosys in Mysore DC and in BVB college Hubli.

Conferences – Conducted

- Organizing committee member of "NCCC-2019 "a National Level Conference held at Presidency University, Bengaluru, during April-2019.
- Organizing committee member of "NWC-2020 "a National Level Conference held at Presidency University, Bengaluru, during April-2020.

Technical Talk

- Delivered a technical talk on, "Azure cloud platform", at Infidata Technologies ,Bangalore ,March-2023.
- Delivered a technical talk on, "Cloud Security", at Rbits ,Bangalore ,December-2022.
- Delivered a Technical talk on, "Devops and its tools ", at Infidata Technologies, Bangalore, October-2022.
- Delivered a technical talk on, "Cloud Computing", at RLJIT ,Bangalore ,September-2022.

Personal Details	**Full Name**	: **Sunil Kumar R.M**
	Father's Name	: MURALIDHAR
	DOB	: 04-07-1987
	Languages Known	: English, Hindi, Kannada, and Telugu.
	Strengths	: Good Communication Skills, Eager to Work in Challenging Environment, Compatible in Working As A team, Fast learner and Reading books.
	Hobbies	: Reading books, listening audio books , stage speaker, conducting motivational speaking sessions.
	Address for **Communication**	: *s/o muralidhar,* #108, J4 block, Provident welworth City, marasandra,Doddabllapur .

I hereby solemnly declare that the above written particulars are true to the best of my knowledge and belief.

Thanking You,

Place: Bangalore   Yours truly,

Date: **(Sunil Kumar R.M)**