FACULTY PROFILE

1. **Name** : **Dr. Raviprakash M L**

2. **Date of Birth** : **20-05-1985**

3. **Highest Qualifications** : **Ph. D**

4. **Orcid –ID** : **0000-0001-6149-7776**

5. **Scopus-ID** : **57858653800**

6. **Researcher-ID** : **JZD-2532-2024**

7. **Google scholar ID** : **HgU_99QAAAAJ**

8. **Academic Performance** :

Qualification	Board / IIT / University	Institute and place where studied	Year of passing	Class & % marks
(High School to Highest Qualifications)				
SSLC	Karnataka Secondary Education Examination Board	Tagore High School ,Tiptur	2000	70%
PUC / 10+2	Karnataka Secondary Education Examination Board	Kalpataru PU college,Tiptur	2002	70%
B E	Visvesvaraya Technological University, Belgaum	Kalapataru Institute of Technology, Tiptur	2008	61%
M TECH	Visvesvaraya Technological University, Belgaum	Jawaharlal Nehru National College of Engineering, Shivamogga	2012	71% / FCD
Ph. D	Visvesvaraya Technological University, Belgaum	ACS college of Engineering, Bangalore (Research Center)	2020	

9. **Date of Joining** : **01-08-2012**

10. **Status as on date of Joining** : **Lecturer**

11. **Salary as on date of Joining** : **20400/-**

12. **Present Status** : **Professor**

13. **Salary as on date** : **85000/-**

14. **Number of promotions since date of joining** : **3**

15. **Achievements since date of joining:**

   Faculty Development / QIP : **30**

   Research & Development : **Ph .D**

	No. of Publication (List)	:	30

No. of Publication (List) : **30**

Teaching Award : **-**

Books / Monograph (List) : **01**

Conference Seminars (List) : **15**

Extracurricular activities : **IEEE Student Branch Counselor**

Administrative Work : **Research Coordinator , IQAC Coordinator**

16. Details of Research Scholars :

Sl.No.	Name	USN	Title	PhD Status
1	Girish L	1KI16PCS01	Data Analytics in logically Centralized Control Plane and Virtualized Network Function Deployments	Ph.D. Awarded
2	Kavitha M G	1KI20PCS01	Disease identification, pest infection prediction and prevention in coconut tree using deep learning techniques.	Comprehensive viva Completed
3.	Niranjan S J	1KI20PCS02	Predictive analysis using machine learning forecasting yield of copra in agriculture	Applying for Comprehensive viva
4.	Nithin K	1KI21PCS01	IOT based mishap programmed vehicle mishap identification framework	Applied for coursework
5.	Pramod kumar P M	1KI21PCS02	Early identification of areca diseases Using Machine Learning	Applied for coursework
6.	Anusha K	1KI22PCS01	Early Detection of Diabetic Retinopathy using Deep Learning	Provisional Registration

17. Patents:

[1] Title: An Effective Method for Fake Medicine Detection and Recommendation System. Application No. 202041056170A.

[2] Title: Anomaly Detection in Cloud Environment using Deep Learning Application No. 202041053479

18. Professional Membership:

1. ISTE (Indian Society for Technical Education) LM 91590

2. CSI (Computer society of India) L1500350

3. IEEE (Institute of Electrical and Electronics Engineers) #98353285

4. IAENG (International Association of Engineers) 175138

19. Invited Sessions

REVIEW/ORGANIZER/CHAIRPERSON

[1] Reviewer in the IEEE International Conference on Distributed Computing and Electrical Circuits andElectronics(ICDCECE-2022), organized by the Ballari Institute of Technology and Management, Ballari, India in association with IEEE Bangalore Section and IEEE Information Society on 23rd-24th April, 2022.

[2] Certificate of Appreciation as a Session Chair in 2nd International Conference On Recent Trends In Engineering Technology And Management" at Christ the King Engineering College (CKEC), Coimbatore, Tamil Nadu, INDIA on 6th & 7th May 2022.

[3] Certificate of Appreciation as a Session Chair in 10th INTERNATIONAL CONFERENCE ON CON- TEMPORARY ENGINEERING AND TECHNOLOGY 2022 (ICCET), Prince Shri Venkateshwara Padmavathy Engineering College, Chennai, Tamil Nadu, India

[4] Dr.Raviprakash M. L., Associate Professor, Department of CSE, KIT, Tiptur ,acts as a reviewer of journal. SSAHE journal of Interdisciplinary Research is a unpaid peer-reviewed, International Journal devoted to support a global medium for knowledge of theoretical, experimental and applicable studies related to interdisciplinary fields.

[5] Certificate of Appreciation as Reviewer for IEEE MYSURUCON 2022-The 2nd Edition of Mysore Sub-section Flagship International Conference on 16th and 17th October 2022

[6] Certificate of Appreciation as Reviewer for FOURTH IEEE INTERNATIONAL CONFERENCE held on 23rd and 24th December 2022-organized by Department of ISE and CSE(AI&ML), JSS Academy of Tech- nical Education, Bangalore.

[7] Certificate of Appreciation as Reviewer for IEEE INTERNATIONAL CONFERENCE on Knowledge of Engineering and Communication Systems (ICKECS_2022) organized by SJC institute of technologyChickballapur in association with IEEE Bangalore section on December 28-29, 2022.

[8] Judge TECHYUGAM-2018 Technical Paper Presentation Competition and Techtalk Competition held on 19-04-2018 event organized by Department of CSE and ISE Kalpataru Institute of Technology, Tiptur

[9] Letter of Appreciation and gratitude for training the final year B.E students on the topic C Programming and coding by Training and Placement cell Kalpataru Institute of Technology, Tiptur

[10] Certificate of Appreciation for being presented in the "5th National Level IEEE Project Competition-2021" Organized by IEEE Student Branch (STB17861), GSSSIETW in association with IEEE Bangalore Section and IEEE Mysore Subsection on 26th June 2021. IEEE STUDENT BRANCH 5 National Level IEEE Project Competition-2021.

[11] Certificate of Appreciation as a Session Chair in 2nd International Conference on engineering and Advancement in Technology -2021 ,Lords Institute of Engineering& Technology, Hyderabad in Association with organization of Science & innovative Engineering and Technology(OSIET),Chennai, India. on 16th and 17th July-2021

[12] Certificate of Appreciation as a Session Chair in International Conference on internet of things, communication, intelligence and computing, Shridevi Institute of Engg. And Technology, Tumkur on 5th May 2023.

20. Invited Talks :

[1] Delivered a Talk on Machine Learning and Its applications on Healthcare, October 4th, 2023, at SIET, Tumkur.

[2] Delivered a Talk on Cyber Security held on May18, 2022, at UBDT College of Engineering ,Davanagere.

[3] Delivered a Talk on Data Science and its Applications held on 11May 2021 ,at Nagarjuna College of Engineering and Technology ,Bangalore.

[4] Delivered a talk on introduction to Genetic Algorithms held on 01 July 2021 to the Students and Faculty of Information Science & Engineering, Malnad College of Engineering, Hassan.

[5] Delivered a Training for the Final year B.E ,Students on the Topic C Programming & Coding, Organized by Training and Placement Cell, KIT ,Tiptur.

[6] Delivered a talk on Object Oriented Concepts at Student Development Program, Organized by Dept OfCSE, SBIT, 5th February 2019.

21. Publications :

[1] G. L and R. M. L., "Machine learning defence mechanism for securing the cloud environment," *International Journal of Advanced Scientific Innovation*, vol. 5, no. 1, 2023.**DOI: 10.5281/zenodo.7712783**

[2] G. L.and R M L et al, "PCU-LSTM: Predicting cloud cpu utilization using deep learning," *NeuroQuantology*, vol. 20,no. 22, pp. 2061–2069, Dec. 2022.**DOI: 10.48047/nq.2022.20.22.NQ10194**

[3] . M. Raviprakash, "An efficient algorithm for channel assignment of nodes in manets," *AES*, vol. 54, 02Sep. 2022**, ISSN: 2096-3246(Scopus indexed)**

[4] M. Raviprakash and A. K, "Novel approach for hybrid mac scheme for balanced energy and transmission in sensor devices," *International Journal of Electrical and Computer Engineering (IJECE)*, 2022**(Scopus indexed Q2)**

[5] M. Raviprakash and A. K, "Novel approach for hybrid mac scheme for balanced energy and transmission in sensor devices," *International Journal of Electrical and Computer Engineering (IJECE),* 2022**(Scopus indexed Q2)**

[6] M. Raviprakash, "A comprehensive survey on routing protocol in wsn," *Design Engineering,*pp. 15 397–15 408, 8 2021, ISSN: 0011-9342

[7] . M. Raviprakash, "Clustering and detection of liver disease in indian patients using machine learning algorithms," *Journal of Xidian University*, 2021, ISSN: 1001-2400. **DOI:**https://doi.org/10.37896/jxu15.12/029

[8] . M. Raviprakash, "Using machine learning techniques studies on water quality index and phytoplankton diversity of tiptur lake," *International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)*, vol. 10, no. 9, Sep. 2021.**DOI: 10.17148/IJARCCE.2021.10902**

[9] M. Raviprakash and C. S. Pillai, "Face recognition using hybrid neuro fuzzy network for occludedimages," *International Journal of Science and Research (IJSR)*, vol. 9, no. 6, Jun. 2020, ISSN: 2319-7064

[10]M. Raviprakash and C.S.Pillai, "Face recognition from feed forward neural network using occluded images for automating the surveillance using hybrid neuro fuzzy network," International Journal of Engineering Applied Sciences and Technology (IJEAST), vol. 5, no. 2, pp. 508–519, Jun. 2020, issn: 2455-2143

[11]M. Raviprakash and D. C. S. Pillai, "Histogram specification and kalman filter with euclidean distance technique for identification of human in the video surveillance systems," *International Journal of Research & Analytical Reviews (IJRAR)*, vol. 6, no. 1, Mar. 2019, ISSN: 2349-5138

[12]M. Raviprakash and D. C. S. Pillai, "Object recognition using lucas-kanade technique and support vector machine based classification in video surveillance systems," *International Journal of Engineeringand Advanced Technology (IJEAT)*, vol. 9, no. 1, Oct. 2019, ISSN: 2249-8958**(Scopus indexed)**

[13]. M. Raviprakash and D. C. S. Pillai, "Real time object detection using convolution neural network based classification in video surveillance systems," *International Journal of Recent Scientific Research (IJRSR)*, vol. 10, no. 10(F), pp. 35 536–35 541, Oct. 2019

[14]M Raviprakash, "Novel approach to data hiding in encrypted image with distributed source encoding,"*International Journal of Advanced Trends in Computer Science & Engineering (IJATCSE)*, 2018.

22. Paper presentation in Conferences :

[1]R M L and L Girish, "Intelligent resume scrutiny using named entity recognition with bert," in *IEEE-International Conference on Data Science and Network Security (ICDSNS)-2023*, 2023. **(Scopus indexed)**

[2]R M L "Stock market Time Series Forecasting using Long Short-Term Memory", in IEEE- *International Conference on Integrated Intelligence and Communication Systems(ICIICS-2023)* **(Scopus indexed)***.*

[3]M. Raviprakash, B. P. B. V, and V. K. V. N, "Cloud-based video analytics framework for effective traffic management," in *NCAIT-17*, SJBIT, Bangalore, 2017.

23. Forthcoming Publications :

1. Predicting the virtual machine failure using graph neural network (Applied to Springer computing Journal)

2. The model for estimating coconut yield production in Kerala using Hyper parameter tuning of LSTM. (Applied to Springer computing Journal)

24. Proposals Submitted:

1. "Recent Trends in BlockChain Technologies and Its Applications" PI Dr. Raviprakash M L Submitted to VGST VRN/002831/2122.

2. "KFIST L1 : Karnataka Fund for Infrastructure Strengthening in Science & Technology (KFIST L1)" PI Dr. Raviprakash M L Submitted to VGST VRN/000836/2122.

25. Workshops/webinars/Conferences Attended :

Sl. No.	Name of the Conference/ Symposia/ Workshop attended	Organization	Date	Remarks
1	FEEL Teacher Learning and Development Intervention	CLHRD	January 28-30,2013	3 Days
2	Distributed Computing and Virtualization	Acharya Institute of Technology	July 10-13,2013	4 Days
3	Machine Learning for Computer Vision	SIT, Tumkur	November 08-09,2013	2 Days
4	Protocol Engineering	SIT, Tumkur	March 10-12,2014	3 Days
5	Advances in Artificial Intelligence and Agent Technology	KIT, Tiptur	March 06,2015	1 Day
6	Research Methodologies & Latex	SIET Mangalore	September 9-11,2014	3 Days
7	Plagiarism	KIT, Tiptur	November 19,2015	1 Day

8	Programming Languages and Soft-ware Tools	KIT, Tiptur	February 27,2020	1 Day
9	Massive Parallel Super Computing using OpenCL Framework on the Heterogeneous Computing Platform	DBIT, Bangalore	January 06-18, 2020	2 Weeks
10	Technology Based Entrepreneurship Development Program	SJBIT, Bangalore	Jan-Feb 27-08,2020	2 Weeks
11	Neural Networks and Deep Learning using python	Reva University Bangalore	June 1-5, 2020	5 Days
12	Devops Tools	Reva University Bangalore	June 19-22, 2020	4 Days
13	NBA and NAAC Accreditation Process	MSRIT, Bangalore	June 4-8, 2020	5 Days
14	Machine Learning	BMSIT & Management	July 27-31, 2020	5 Days
15	Block Chain	Online FDP, MCE	Nov 3rd-7th 2020	5 Days
16	Devops Technology	Reva University	June 25-29th 2020	5 days
17	Accreditation: An Accelerator for Quality Improvement in Engineering Education	S.D.M. College of Engineering and Technology, Dharwad.	April 22-28 ,2021	7 Days
18	Design Thinking	KIT, Tiptur	17th July 2021	1 Day
19	Cyber Security Concerns in E-Learning	KIT, Tiptur	28th June 2021	1 Day
20	Current Era- A Technology Driven Digital Transformation in Industry 4.0	SJBIT, Bangalore	Aug 30- sep-4, 2021	6 Days
21	Outcome based education and NBA Accreditation	Dr AIT, Bangalore	Feb22-27 2021	6 Days

22	Practical Approaches on Wired and Wireless communication using NS2 and NSG	KIT, Tiptur	5th February 2022	1 Day
23	Oppurtunities and Challenges in Entrepreneurship	JSSATE-B, Bengaluru	3rd-19th January 2024	15 Days

26. Workshops/Conferences Organized

1. Organized one Day Webinar on "Design Thinking" in the Dep. of CSE, KIT, Tiptur on 17th July 2021.

2. Organized one Day Webinar on "Cyber Security Concerns in E-Learning Education" in the Dep. of CSE, KIT, Tiptur on 28th June 2021.

3. Organized one Day Webinar on "Param-Utkarsh" in the Dept. of CSE, KIT, Tiptur on 14th Dec 2022.

4. Organized IEEE International Conference on Data Science and Network Security (ICDSNS) in the Dept. of CSE, KIT, Tiptur on 27-28th July 2023.

5. Organized one Day Workshop on "How to Enchance your Professional career with IEEE" in the Dept. of CSE, KIT, Tiptur on 8th April 2023.

6. Organized one Day Webinar on "Full Stack Development" in the Dept. of CSE, KIT, Tiptur on 2nd Feb 2022.

7. Judge For "TECHMAZE-17",Intercollegiate Technical Paper Presentation Competition on 27th April-2017 in Dept. Of ECE, KIT, Tiptur.

8. Organized One Day Workshop on "Recent Trends in IT" on 22nd July 2023.

27. Certification Courses

1. Open Source Tools for Data Science" by IBM, Coursera

2. Data Science Methodology" by IBM, Coursera

3. Database and SQL for Data Science", by IBM, Coursera

4. Data Visualization with Python", by IBM, Coursera.

28. Responsibilities Held

College Level

1. IEEE Student Branch Counsellor

 Department Level

1. Research Center coordinator
2. IQAC coordinator
3. Time Table coordinator
4. Placement coordinator

29. Professional Activities:

1. Question Paper Setting for Universities / Autonomous Institutions
2. Setting up Computer Laboratories
3. PG Seminar Coordinator
4. NBA Coordinator
5. Worked as External DCS VTU, 15th June 2017 to 6th July 2017, CIT-Gubbi.

30. References

1. Dr. Chiranji Lal Choudhary, Associate Professor Grade 1, Department of Software and Systems Engineering, Vellore Institute of Technology, Vellore, chiranji.lal@vit.ac.in.

2. Dr. Sunitha N R, Professor, Dept. of Computer Science and Engineering, Siddaganga Institute of Technology, Tumkur, nrsunitha@sit.ac.in.

(**Dr. Raviprakash M L**)