Faculty Profile

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Name   : Dr.Rashmi M R
Designation   : Associate Professor
Department   : Computer Science &Engineering

Contact Details
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About me:

I am Dr.Rashmi M R, Associate Professor in the Department of Computer Science and Engineering, NIE, Mysuru. I received Ph.D. in Computer Science and Engineering under VTU in the year 2025.My research interests includes Social Internet of Things, Machine Learning, Deep Learning and Network Security.

I have completed many certifications under NPTEL, Coursera and IUCEE.I have also undergone many workshops and training programs to up skill my knowledge related to CS domain. I am also part of conducting many FDPs, SDPs and Conferences.

I have also taken up responsibilities assigned by Department and Institute like Program Coordinator, Project Coordinator, BOE Member, Flying Squad Member, Students Club Coordinator, and Time Table Committee Member.

I have published papers in Scopus indexed journals, refereed journals and Conferences. Also applied for Project Funding and Reviewed many indexed papers.

Qualification:

Ph.D. (Computer Science & Engineering, VTU, Belagavi)
MTech (Computer Network Engineering, VTU)
B.E. (Information Science & Engineering, VTU)

Courses Taught:

- Database Management Systems
- Internet of Things
- Discrete Mathematical Structures
- Compiler Design
- Automata Theory and Computation
- Logic Design
- Analysis and Design of Algorithms
- C , C++ ,.Net &C# Programming

Publications:

Journal Publication:

1. **Rashmi M.R,** Veena M, Shruthi R, Abhishek K (2025):" Hyper complex Neural Network Based Elderly Activity Recognition For Intelligent Healthcare Systems", Int. J. Environ. Sci., pp. 2069–2079, Sep. 2025, doi: 10.64252/x57dm802.

2. **Rashmi, M.R**, Ishika, Adarsh K Poojary (2024):"Traffic Sign Detection Using Machine Learning", Ymer Publications, Vol 23, Issue 11, Nov. 2024, pp. 785-791

3. Vatsala B R, Vidya Raj C and **Rashmi M. R** (2024): "Prioritizing flows for internet of things built on visible light communication", 16, 4821-4832, International Journal of Information Technology, Springer Nature Singapore.

4. **Rashmi M R** and C Vidya Raj, (2023):"Trust Management for Deep Autoencoder based Anomaly Detection in Social IoT", International Journal of Advanced Computer Science and Applications, , 14(1), pp. 981 - 989, ISSN: 2156-5570

5. **Rashmi, M. R,** Raghav Goenka, Rohan Sanjeev Tenginkai, Vaibhav Singh (2023) "Cloud Storage and Retrieval using Blockchain." International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 10 Issue: 06 | Jun 2023 ,p-ISSN: 2395-0072

6.Bhramarambika R S , Navya V Hegde , Anjali S , **Rashmi M R** (2018) "Authentication and Context Awareness Access Control In Internet Of Things" International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 05 Issue: 04 | Apr 2018 www.irjet.net p-ISSN: 2395-0072

7.Ayush Kumar, Bojja Krishna Sai Siva, G Sumin Reddy , **M.R.Rashmi** (2017) "Music Genre Classification" International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395 -0056 Volume: 04 Issue: 04 | Apr -2017 www.irjet.net p-ISSN: 2395-0072

8. **Rashmi, M. R** (2015) "Analysis Of Data Aggregation Techniques in Wireless Sensor Networks " International Journal of Applied Engineering Research and Development (IJAERD) ISSN(P): 2250-1584; ISSN(E): 2278-9383 Vol. 5, Issue 1, Feb 2015, 21-30 © TJPRC Pvt. Ltd.

Conference Proceedings:

1. **Rashmi, M. R**., and R. Bharathi (2025). "Fake News Detection Using Machine Learning." 2025 Global Conference in Emerging Technology (GINOTECH). IEEE, 2025.

2.**Rashmi, M. R**., B R Vatsala, Sachin S, Sachin B S,Krushik Gowda K S,Harsha R (2025). "Plant Disease Prediction Using Machine Learning" International Conference on Sustainable Technology-2025, The National Institute of Engineering,Mysore

3. **Rashmi, M. R**., and Anvitha N B (2024). "Old Age Management System through Machine Learning" Hinweis Second International Conference on Advances in Electronic Devices and Circuits, AEDC 2024, 2024-June, pp. 1438-1442.

4.Thimmaiah, K.B., **Rashmi, M.R.**(2023):"Depression Classification on Social Media Posts using Deep Learning",14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023, 2023, 2023-June, pp. 2277–2283

5. **Rashmi M R** and Vidya Raj C (2021): "Collaborative Event confidence Trust model for Social Internet of Things", International Conference on Recent Trends in Science & Technology, ATME, 8-9 July 2021

Book Chapters:

1. **Rashmi M. R**. and Vidya Raj C. (2019): "A Review on Trust models of Social Internet of Things", Springer series, Emerging Research in Electronics, Computer Science and Technology, LNEE, 545, 203-209

Resource Person:

1. Resource person for a talk on "Role of Operating System in Computation" in SJCE, Mysore

2. Resource person for a talk on "Applications of Social Internet of Things" as part of a Value added course conducted by CS&E,NIE.

3. Resource Person for the Technical Talk on "AI in Satellite Communication" Organized by Dept. of ECE, East Point College of Engineering and Technology, Bengaluru.

Professional Membership:

● Member Professional – IFERP

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