PROFILE

Name	Dr. Radhakrishnan G
Position & Affiliation	Professor, Department of CSE
Areas of Interest	Deep Learning, Machine Learning, Natural Language Processing, Algorithms, Data Structures
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Educational Qualifications:

Ph.D	Amrita Vishwa Vidyapeetham	India	2022
MTech	Indian Institute of Science, Bengaluru	India	1986
BE	NIT Calicut	India	1984

Areas of Research:

Machine Learning, Deep Learning, Computer Vision, Natural Language Processing

Brief Profile: (write about yourself)

Dr. Radhakrishnan G has been working as a professor in the department of Computer Science and Engineering, Cambridge Institute of Technology, Bengaluru since November 2024. He has 22 years of industry experience and 13 years of teaching experience. His industry experience includes software development and project and program management at organizations like Hindustan Aeronautics Limited, Motorola India Electronics Ltd, and Hewlett Packard India Software Operations.

Prior to joining Cambridge Institute of Technology, he has been a faculty in the department of Computer Science and Engineering at Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Bengaluru for 10 years and at CMR Institute of Technology, Bengaluru for 3 years. He has guided many student projects and B. Tech and M. Tech levels.

Radhakrishnan received his Bachelor of Technology degree in Electrical Engineering from National Institute of Technology Calicut, India in 1984 and Master of Engineering degree in Computer Science from Indian Institute of Science, Bengaluru, India in 1986 and PhD in Computer Science from Amrita Vishwa Vidyapeetham in 2022.

Radhakrishnan's research interests are in machine learning, Deep Learning, Computer Vision and Natural Language Processing. He is an active member of IEEE (senior grade) and ACM.

Awards/Achievements/Others:

Courses Taught: Data Structures and Applications, Design and Analysis of Algorithms, Advanced Algorithms and Analysis, Machine Learning, Artificial Intelligence and Machine Learning, Software Engineering, Software Project Management.

Publications/Patents:

Publications	1. Nayan, C. A., Prajwal, M., & Gopalapillai, R. (2024, September). Automatic Detection of Vehicle Registration Number in Helmet Rule Violation by Motorcyclists. In 2024 3rd International Conference for Advancement in Technology (ICONAT), GOA, India, 2024, pp. 1-6, doi: 10.1109/ICONAT61936.2024.10775197. 2. Patra, L., Kumari, M., & Gopalapillai, R. (2024). Enhancing Artificial Intelligence and Machine Learning Understanding Through EnVision: A Virtual Reality Approach. In 2024 First International Conference on Pioneering Developments in Computer Science & Digital Technologies (IC2SDT), Delhi, India, 2024, pp. 516-521, doi: 10.1109/IC2SDT62152.2024.10696360. 3. Gopalapillai, R., Prabhu, S.M. (2023). Prediction of COVID-19 Pandemic Spread Using Graph Neural Networks. In: Kumar, S., Sharma, H., Balachandran, K., Kim, J.H., Bansal, J.C. (eds) Third Congress on Intelligent Systems. CIS 2022. Lecture Notes in Networks and Systems, vol 613. Springer, Singapore. https://doi.org/10.1007/978-981-19-9379-4_5. 4. Gopalapillai, R. (2022). RGB-D Scene Classification using an Ensemble of Convolutional Neural Networks with Softmax Aggregation. In 2022 2nd Asian Conference on Innovation in Technology, ASIANCON 2022. Institute of Electrical and Electronics Engineers Inc. https://doi.org/10.1109/ASIANCON55314.2022.9908897 5. Laxmi P., Gupta D., Radhakrishnan G., Amudha J., Sharma K. (2021) Automatic Multi-disease Diagnosis and Prescription System Using Bayesian Network Approach for Clinical Decision Making. In: Chiplunkar N., Fukao T. (eds) Advances in Artificial Intelligence and Data Engineering. Advances in Intelligent Systems and Computing, vol 1133. Springer, Singapore. https://doi.org/10.1007/978-981-15-3514-7_31

6. Laxmi P., Gupta D., Radhakrishnan G., Amudha J., Sharma K. (2021) Automatic Multi-disease Diagnosis and Prescription System Using Bayesian Network Approach for Clinical Decision Making. In: Chiplunkar N., Fukao T. (eds) Advances in Artificial Intelligence and Data Engineering. Advances in Intelligent Systems and Computing, vol 1133. Springer, Singapore. https://doi.org/10.1007/978-981-15-3514-7_31

7. Rao S., Gopalapillai R. (2020) Effective Spam Image Classification Using CNN and Transfer Learning. In: Smys S., Tavares J., Balas V., Iliyasu A. (eds) Computational Vision and Bio-Inspired Computing. ICCVBIC 2019. Advances in Intelligent Systems and Computing, vol 1108. Springer, Cham. https://doi.org/10.1007/978-3-030-37218-7_145

8. Radhakrishnan Gopalapillai, Deepa Gupta, Sudarshan, T. S. B, "Robotic sensor data analysis using stream data mining techniques", International Journal of Engineering & Technology, Vol. 7, No. 4 (2018), pp. 3967-3973

9. Radhakrishnan Gopalapillai, Deepa Gupta, "Object Boundary Identification using Two-phase Incremental Clustering", Third International Conference on Computing and Network Communications (CoCoNet'19), Trivandrum, December 2019.

10. Sunil Angadi, Radhakrishnan Gopalapillai, "Mining Network Stream Data for Self Learning Networks", 9th International Conference on Computing, Communication and Networking Technologies (ICCCNT), July 10-12, 2018, Bengaluru, India.

11. Saleena P, Radhakrishnan Gopalapillai, "Classification of Service Robot Environments using multimodal sequence data", 3rd International conference on Emerging Research in Electronics, Computer science and Technology, ICERECT – 2018, 23rd - 24th AUGUST, 2018, Mandya, India.

12. Manju Venugopalan, Nalayini G, Radhakrishnan G, Deepa Gupta, "Rating Prediction Model for Reviews Using a Novel Weighted Textual Feature Method", 5th International Conference on Advanced Computing, Networking and Informaics (ICACNI 2017),1-3 Jun 2017, Goa, India

13. Sumi Mathai, Deepa Gupta, Radhakrishnan G, "Iterative Concept Based Clustering of Indian Court Judgments", 2nd International Conference on Computational Intelligence and Informatics, ICCII 2017, 25-27 September 2017, Hyderabad, India.

14. Gopalapillai, R., Gupta, D., & Tsb, S. (2017). Pattern Identification of Robotic Environments using Machine Learning Techniques. In Procedia Computer Science (Vol. 115, pp. 63–71). Elsevier B.V. https://doi.org/10.1016/j.procs.2017.09.077

15. Reshma M, Priyanka C Nair, Radhakrishnan Gopalapillai, Deepa Gupta, Sudarshan TSB, "Multi-view Robotic Time Series Data Clustering and Analysis using Data Mining Techniques", The second International Symposium on Signal Processing and Intelligent Recognition Systems (SIRS'15), December 16-19, Trivandrum, India.

16. Priyanka C.Nair, Radhakrishnan G, Deepa Gupta, Sudarshan TSB, "Clustering of Robotic Environment using Image Data Stream", The IEEE International Conference on Communication Control and Intelligent System (CCIS-2015), November 07-08, 2015 GLA University, Mathura, India.

	17. Radhakrishnan G, Deepa Gupta, S Sindhuula, Shrey Khokhawat, Sudarshan TSB, "Experimentation and Analysis of Time Series Data from Multi-path Robotic Environment", 2015 IEEE International Conference on Electronics, Computing and Communication Technologies (IEEE CONECCT 2015), 10-11 July 2015, Bangalore. 18. Swetha Sreedharan, Radhakrishnan G, Deepa Gupta, Sudarshan TSB, "Analysis of Robotic Environment using Low Resolution Image Sequence", 2014 International Conference on Contemporary Computing and Informatics, 27-29 November 2014, Mysore, India. 19. Shivendra Mishra, Radhakrishnan G, Deepa Gupta, Sudarshan TSB, "Acquisition and Analysis of Robotic Data Using Machine Learning Techniques". Springer, SMART INNOVATION, SYSTEMS AND TECHNOLOGIES, Computational Intelligence in Data Mining - Volume 3- Proceedings of the International Conference on CIDM, 20-21 December 2014 (ICCIDM-2014) , Sambalpur, India. pp 489-498. 20. Gopalapillai, R., Gupta, D., & Sudarshan, T. (2014). Experimentation and analysis of time series data for rescue robotics. Advances in Intelligent Systems and Computing, 235, 443–453. https://doi.org/10.1007/978-3-319-01778-5_46 21. Radhakrishnan Gopalapillai, Vidhya J, Deepa Gupta, Sudarshan TSB. "Classification of Robotic Data using Artificial Neural Network", Intelligent Computational Systems (RAICS), 2013 IEEE Recent Advances in, December 19-21, 2013, Trivandrum, India. pp 333-337. 22. Radhakrishnan, G; Gupta, Deepa; Abhishek, R; Ajith, Ankita; Sudarshan, TSB; , "Analysis of multimodal time series data of robotic environment," Intelligent Systems Design and Applications (ISDA), 2012 12th International Conference on , Kochi, India, 27-29 Nov. 2012, pp.734-739
Patents	***None***
Book/Book Chapters