

VENINGSTON K

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Research ID (or WoS ID)	: http://www.researcherid.com/rid/N-7942-2016
SCOPUS ID	: https://www.scopus.com/authid/detail.uri?authorId=46161708100
ORCID	: http://orcid.org/0000-0002-8060-5450
Google Scholar	: https://scholar.google.co.in/citations?user=Xpx5ZXoAAAAJ&hl=en
Semantic Scholar	: https://www.semanticscholar.org/author/K.-Veningston/3174376
DBLP	: https://dblp.org/pid/155/5809.html
OpenReview.net	: https://openreview.net/profile?id=%7EVENINGSTON_K1

Personal Details

Male, Indian, Married
Date of Birth: 27th November 1985
Indian Passport: X5776743 Valid up to 25-05-2033

Research Interests

Complex Data Modeling using Machine Learning, Deep Learning; Natural Language Processing - Information Retrieval, Text summarization, Knowledge Graphs; Computer Vision - Medical Imaging; Generative AI (GANs, LLMs).

Awards & Fellowship

1. **Senior Member, IEEE** since July 2024.
2. **ACM Professional Member** since February 2022.
3. Completed **IBM Data Science Professional Certification** through Coursera – Dec 2020.
4. Qualified Graduate Aptitude Test in Engineering (**GATE-2015, GATE-2017 & GATE-2018**) in Computer Science and Information Technology conducted by Indian Institute of Technology (IITs), INDIA.
5. Qualified University Grants Commission – National Eligibility Certificate (**UGC-NET)** for Lectureship in Computer Science and Applications in INDIA held on Jun'24, 2012
6. Received Ph.D. Research Fellowship "**Innovation in Science Pursuit for Inspired Research (INSPIRE-2011)**" sponsored by the Department of Science and Technology (DST), Government of India, for Ph.D. Research in 2011. [INSPIRE Fellow Code: IF110779]
7. Recipient of **Senior Research Fellow-Professional (SRF-P)** of the Department of Science and Technology, New Delhi, INDIA.
8. Received **Gold Medal** for securing overall **First Rank** with the *Highest CGPA* in the PG course in 2009 [**9.78** out of 10].

Academic Credentials

1. **Ph.D.** (Computer Science and Engineering) with **9.2 CGPA** in *Course Work*
   - Title of the Thesis: *Personalized Information Retrieval System Using Computational Intelligence Techniques*
   - Anna University, Chennai, INDIA. 2011-2015
   - *Supervisor:* **Prof. Dr. R. Shanmugalakshmi**, Professor in Electrical and Electronics Engineering, Government College of Technology, Coimbatore, INDIA [**Rtd.**]

2. **Master of Engineering** (Computer Science and Engineering) with a **9.78 CGPA**

- Title of the Thesis: *An Approach to Re-Rank Retrieved Images - Image Search Results with Visual Similarity*
- Anna University Coimbatore, INDIA. 2009
- *Supervisor*: **Dr. M. Newlin Rajkumar** [http://www.aurcc.ac.in/department/eee/s-cse-newlin.php]

3. **Bachelor of Engineering** (Computer Science and Engineering) with **7.86 CGPA**
   - Title of the Thesis: *Hybrid Point Representation Method for Image Reconstruction*
   - Karunya Institute of Technology and Science, (Anna University, Chennai), INDIA. 2007
   - *Supervisor*: **Dr. R. Manjula Devi** [Professor/CSE, KPR Institute of Engineering and Technology, Coimbatore] [https://www.kpriet.ac.in/faculty-details/621/dr-manjula-devi-r]

Funded Research Projects (as PI)

- ANRF International Travel Support (ITS) for attending and presenting a paper in *28th International Conference on Pattern Recognition (ICPR 2026)* at Lyon, France. [**₹1,17,000**]
- *EcoEdgeAI – Aerial Edge Vision System for Real-Time Monitoring of Plastic Waste in Freshwater Ecosystems* (Mar 2026 to Feb 2027), **₹9,99,952**, Sponsored by IIIT Hyderabad iHub-Data.
- *Developing a software tool for Automatic detection of Plastic Waste Deposits in Dal Lake of Kashmir Using Aerial Image Analysis* (Jan 2024 to Jan 2026), **₹5,70,000**, Sponsored by J&K Science and Technology & Innovation Council (JKSTIC), Government of Jammu and Kashmir.
- *Intelligent Transport System for Healthcare* (Dec 2016 to Jun 2017), **₹50,000**, Sponsored by TEQIP II (Institute Funded).
- *Personalized Information Retrieval System Using Computational Intelligence Techniques* (Jan 2012 to Aug 2015), **₹10,25,400**, Sponsored under the DST INSPIRE (INSPIRE Fellow Code: IF110779) scheme.

Patents Published/Granted

- **Published**. Title of the invention: REAL TIME AERIAL VISION SYSTEM FORLOCALIZING AND REPORTING PLASTICWASTE, Publication Date: 14/08/2026 [Application No. 202611080911 A], Reference: The Patent Office Journal No. 33/2026 dated 14/08/2026, Page No. 97. [**Under Examination**]
- **Published**. Title of the invention: SYSTEM FOR PREFERENTIAL ROUTE CONTROL OF EMERGENCY VEHICLE BY CONTROLLING TRAFFIC LIGHTS, Publication Date: 30/08/2019 [Application No.201941033704 A], Reference: The Patent Office Journal No. 35/2019 dated 30/08/2019 [**Under Examination**].

Book(s) Published

1. **Koildurai Veningston** and Ramachandran Shanmugalakshmi, *Personalized Information Retrieval Systems: Using Computational Intelligence Techniques*, LAP LAMBERT Academic Publishing, 260 pages, ISBN-10: 3330067675, ISBN-13: 978-3330067677, July 14, 2017 – **Available in Amazon.in**.

Book(s) Edited

1. **Ed(s)**: **Veningston K**, T. Ananth kumar, .R. Karthickmanoj, K. Suresh Kumar, S.Balamurugan. *Cloud Robotics - Advances in Autonomous Navigation, Data Processing and Communication Mechanisms*, Wiley-Scrivener imprint. [**Compiling 30+ Chapters**]
2. **Ed(s)**: Prabal Verma, Tabasum Rasool, Tawseef Ayoub Shaikh, **Veningston K**. *Generative Artificial Intelligence and Large Language Models for Smart Healthcare Applications*, Cambridge Scholars Publishing. 22 Dec 2025. [https://cambridgescholars.com/product/978-1-0364-6041-9/] ISBN: 1-0364-6041-X, ISBN13: 978-1-0364-6041-9.

Book Chapters Contributed

1. Selvan C, **Veningston K**. *Chapter 1 - Introduction to Generative Artificial Intelligence*. **Book**: Generative Artificial Intelligence and Large Language Models for Smart Healthcare Applications, Ed(s): Prabal et al., Cambridge Scholars Publishing. 22 Dec 2025. Pg. 1-35. https://cambridgescholars.com/product/978-1-0364-6041-9/
2. Selvan C, **Veningston K**. *Chapter 2 - Systematic View and Impact of Generative Artificial Intelligence in Smart Healthcare Systems: Principles, Challenges, and Applications*. **Book**: Generative Artificial Intelligence and Large Language Models for Smart Healthcare Applications, Ed(s): Prabal et al., Cambridge Scholars Publishing. 22 Dec 2025. Pg. 36-65. https://cambridgescholars.com/product/978-1-0364-6041-9/
3. Shafiya Mushtaq, **Veningston K**. *Chapter 4 - Generative AI and Large Language Models in Smart Healthcare*. **Book**: Generative Artificial Intelligence and Large Language Models for Smart Healthcare Applications, Ed(s): Prabal et al., Cambridge Scholars Publishing. 22 Dec 2025. Pg. 89-115. https://cambridgescholars.com/product/978-1-0364-6041-9/
4. **Veningston K**, Selvan C, Ronalda M, S.K.B. Sangeetha. *Chapter 11 - Applications of AI-enabled Drones in Agriculture*. **Book**: Digital Technologies and Tools for Smart Agriculture, CRC Press (Taylor & Francis Group), Ed(s): Madhumathi et. al. https://doi.org/10.1201/9781003487005. Published 29 May 2025.
5. C. Selvan, K. Vidhya, R. Senthil Kumar, **K. Veningston**. *Chapter 1 - Comparative Overview of Augmented Reality, Virtual Reality, and Mixed Reality*. **Book**: Applications of Virtual and Augmented Reality for Health and Wellbeing, IGI Global, Pages 1-16, 2024. DOI: 10.4018/979-8-3693-1123-3.ch001. Eds: Kamal Kant Hiran et. al.
6. **Veningston K**, Dinesh Kumar Rajendran. *Chapter 8 - VR and AR in Welding Technologies*. **Book**: Automation in Welding Industry: Incorporating Artificial Intelligence, Machine Learning, and Other Technologies', edited by Syed Quadir Moinuddin et. al., Pages 131-144, 2024. DOI: https://doi.org/10.1002/9781394172948.ch8. ISBN:9781394172412. Wiley Scrivener Publishing LLC.
7. S.K.B. Sangeetha, **K. Veningston**, Vanlin Sathya, R. Kanthavel. *Chapter 3 - Design of a novel privacy preservation based cyber security system framework for secure medical data transactions in cloud storage*. **Book**: Intelligent Edge Computing for Cyber-Physical Applications, Intelligent Data-Centric Systems, Pages 35-43, 2023. DOI: https://doi.org/10.1016/B978-0-323-99412-5.00006-X. Academic Press. Eds: Jude Hemanth et. al. ISBN: 978-0-323-99412-5.
8. R. Madhumathi, R. Radhakrishnan, **Veningston. K**. *Cloud Resource Allocation Schemes Using Drip Irrigation Approach*. In Proc. CAASR International Conference on Innovative Engineering and Technologies (ICIET 2015), Bangkok, Thailand, November 27-28, 2015. Published in the **book** titled *Advances in Innovative Engineering and Technologies*, pp. 114-124, ISBN 978-0-9948937-1-0.DOI: http://dx.doi.org/10.18797/CAASR/ICIET/2015/11/27/09.

Dataset(s) Published

1. Multi-Task UAV Dataset for Floating Plastic Waste Detection in the Kashmir Region (AquaPlasticWaste 2026), **Veningston K**, Ahsan Ul Haq, Shafiya Mushtaq, Ronalda M, Dinesh Kumar Rajendran. Sep 2026. IEEE Dataport, V1, DOI: https://dx.doi.org/10.21227/phkj-qr22 [5,000 drone-captured, multi-task annotations including classification, regression, semantic and instance segmentation; **9.61 GB**]
2. Dal Lake Floating Plastic Waste Detection Dataset (FloPWD 2025). **Veningston K** et al. Dal Lake Floating Plastic Waste Detection Dataset. Mendeley Data, V3, DOI: https://dx.doi.org/10.17632/znxjncgjkc.3. May 2025. [2,006 drone-captured, pixel-annotated images; **127 MB**].
3. IndicLegalQA Dataset (2024). **K, Veningston**; Mishra, Apratim (2026), "IndicLegalQA Dataset", Mendeley Data, V3, DOI: https://dx.doi.org/10.17632/gf8n8cnmvc.3. Dec 2024. [10,000 pair of legal question answers in Indian Judiciary context; **9.51 MB**]

List of Publications

1. Gazala Mushtaq & **Veningston K**. Fused activation deep neural network classifier with Cat-Hawk optimization for fetal health classification. International Journal of Computers and Applications

(Taylor & Francis). 1–19, 26 Aug 2026. https://doi.org/10.1080/1206212X.2026.2719005 [**SJR: 0.455**]

2. **Veningston K** & Gazala Mushtaq. A lightweight federated deep learning framework for privacy-preserving fetal ultrasound analysis. Discover Artificial Intelligence (Springer). https://doi.org/10.1007/s44163-026-01827-7. [**Article in Press**] Published on 24 July 2026. [**SJR: 1.184**]
3. **Veningston K**, Ronalda M, Sathiyaraj R, Selvan C, Venkateswara Rao P V, Janardhan Karravula. Real-Time Traffic Obstacle Detection Using Hybrid FCL for R-CNN and EfficientDet with Transfer Learning. Discover Artificial Intelligence (Springer). 6, 186, Page 1-17, 05 Feb 2026. https://doi.org/10.1007/s44163-026-00871-7. [**SJR: 1.184**]
4. Mushtaq, S., **Veningston, K**. Biomedical Text Summarization with Large Language Models: Methodologies, Challenges, and Future Directions. International Journal of Data Science and Analytics (Springer), Volume 22, article number 29, pages 7233-7255, 12 Jan 2026. https://doi.org/10.1007/s41060-025-00956-z [**IF: 2.8**]
5. Gazala Mushtaq, **Veningston K**. *Lightweight Neural Models for Clinical Fetal Ultrasound Assessment*. Procedia in Computer Science [Elsevier], Volume 283, 08 Jul 2026, Pages 1668-1677. https://doi.org/10.1016/j.procs.2026.06.242. **4th International Conference on Machine Learning and Data Engineering (ICMLDE 2025)**, UPES University, Dehradun, India [6-8 Nov 2025].
6. Mushtaq, G., **Veningston, K**. Fetal MoAt Net: a light-weight deep learning model for fetal diagnostic plane classification. International Journal of Computers and Applications (Taylor & Francis), 47(11), Aug 2025, Pages 927-942, https://doi.org/10.1080/1206212X.2025.2543550. [**SJR: 0.455**]
7. Mushtaq, S., **Veningston, K**. Optimized dynamic multi-head attention for abstractive text summarization. International Journal of Data Science and Analytics (Springer), Volume 20, pages 7233–7255, Jul 2025. https://doi.org/10.1007/s41060-025-00863-3. [**IF: 2.8; SJR 0.954**]
8. **Veningston K**, Apratim Mishra. Dataset for Legal Question Answering System in the Indian Judiciary Context. Data in Brief (Elsevier). (60) 111647, Pages 1-13, May 2025. https://doi.org/10.1016/j.dib.2025.111647. [**IF: 1.4; SJR 0.606**]
9. Gazala Mushtaq, **K Veningston**, A Comprehensive Review on Fetal Health Surveillance using Ultrasound Imagery. Discover Applied Sciences (Springer), 7, 478, Pages 1-38, May 2025. https://doi.org/10.1007/s42452-025-06644-8. [**IF: 2.8; SJR 0.573**]
10. **Veningston K**, Ronalda M, Tawseef Ayoub Shaikh, Farhaan Gazi, Sanket Bhagat. Modeling and Evaluating Stock Market and Commodity Price Fluctuation using Time Series Sequence Learning. SN Computer Science (Springer). Volume 6, article number 435, Pages 1-18, May 2025. DOI: https://doi.org/10.1007/s42979-025-03931-4. [**SJR: 0.565**]
11. Shaikh, T.A., Rasool, T., **Veningston, K**., Syed Mufassir Yaseen. The role of large language models in agriculture: harvesting the future with LLM intelligence. Progress in Artificial Intelligence (Springer), Volume 14, pages 117–164, Dec 2024. https://doi.org/10.1007/s13748-024-00359-4. **[IF: 2.0; SJR 0.614]**
12. Gazala Mushtaq, **K Veningston**, AI-driven Interpretable Deep Learning based Fetal Health Classification, SLAS Technology (Science Direct), Pages 1-13, Oct 2024, Volume 29, Issue 6, doi: https://doi.org/10.1016/j.slast.2024.100206. **[IF: 2.5; SJR 0.586]**
13. **Veningston K**, Shafiya Mushtaq. *LoSNet: A Tailored Deep Neural Network Framework for Precise Length of Stay Prediction in Disease-Specific Hospitalization*. Procedia Computer Science (Elsevier), Volume 235, Pages 2599-2608, January 2024. https://doi.org/10.1016/j.procs.2024.04.245. **[SJR 0.471] (3rd ICMLDE 2024)**, UPES University, Dehradun, India [28-29 Nov 2024]
14. **Veningston K**, Venkateswara Rao P V, Ronalda M. *Personalized Multi-document Text Summarization using Deep Learning Techniques*. Procedia Computer Science (Elsevier), Vol. 218, 2023, pp. 1220-1228 January 2023. DOI: https://doi.org/10.1016/j.procs.2023.01.100. **[SJR 0.471] (2nd ICMLDE 2023)**, UPES University, Dehradun, India [23-24 Nov 2023]
15. Nirmala Vairaganthan, Esther Daniel, **Veningston Koildurai**. *Privacy-Preserving Ranked Remote Document Retrieval Using Semantic Search Keyword Technique*. INFORMATION-An International Interdisciplinary Journal, Published by International Information Institute, Japan. Vol. 25, No.3, pp. 201-212, September 2022. DOI: http://www.information-iii.org/abs_e2.html#No3-2022
16. **Veningston K**, Seifedine Kadry, Haydar Sabeeh Kalash, B. Balamurugan, R. Sathiyaraj. *Intelligent Social Network-based Data Modeling for Improving Health Care*. Springer Health and Technology, Issue No. 10, pp 321–332, April 2019. DOI: https://doi.org/10.1007/s12553-019-00303-w **[IF: 3.1]**
17. **Veningston. K**, Shanmugalakshmi. R, Nirmala. V. *Semantic Association Ranking Schemes for Information Retrieval Applications using Term Association Graph Representation*. Sadhana - Academy

Proceedings in Engineering Science, Special issue on Machine Learning for Big Data, Vol. 40, Part 6, pp. 1793–1819. Indian Academy of Sciences, Springer Publication, September 2015. ISSN 0256-2499. DOI: https://doi.org/10.1007/s12046-015-0413-3 **[IF: 1.4]**

18. **Veningston. K**, Shanmugalakshmi. R. *Combining User-Interested Topic and Document Topic for Personalized Information Retrieval*. S. Srinivasa and S. Mehta (Eds.): Big Data Analytics (BDA), Lecture Notes in Computer Science (LNCS), vol. 8883, pp. 60–79, Springer International Publishing Switzerland, 2014. ISBN: 978-3-319-13819-0. DOI: https://doi.org/10.1007/978-3-319-13820-6_6 **[SJR 0.352]**
19. **Veningston. K**, Shanmugalakshmi. R. *Efficient Implementation of Web Search Query reformulation using Ant Colony Optimization*. S. Srinivasa and S. Mehta (Eds.): Big Data Analytics (BDA), Lecture Notes in Computer Science (LNCS), vol. 8883, pp. 80–94, Springer International Publishing Switzerland, 2014. ISBN: 978-3-319-13819-0. DOI: https://doi.org/10.1007/978-3-319-13820-6_7 **[SJR 0.352]**
20. **Veningston. K**, Shanmugalakshmi. R. *Computational Intelligence for Information Retrieval using Genetic Algorithm*. INFORMATION-An International Interdisciplinary Journal, Published by International Information Institute, Japan, Vol. 17, No.8, pp. 3825-3832, August 2014. ISSN 1343-4500. DOI: http://www.information-iii.org/abs_e2.html#No8-2014.

Conference, Workshop, and Poster Presentations

1. I Ajay, S Amirtha Varshini, S Ashwin, Madhumathi Ramasamy, **K Veningston**. A High-Resolution Data Fusion Framework for Water Body Assessment Using Sentinel-2 and Gradient Boosting. 2026 9th International Conference on Circuit, Power & Computing Technologies (ICCPCT) Kollam, India, 2026, pp. 1112-1117, https://doi.org/10.1109/ICCPCT70290.2026.11654963.
2. **Veningston K**, Gazala Mushtaq. *A Lightweight Federated Deep Learning Framework for Privacy-Preserving Fetal Ultrasound Analysis*. International Conference on Advanced Materials, Semiconductor Technology and Start-up Ecosystem, 9-11 Jan 2026, College of Engineering Trivandrum (TrEST Research Park, Thiruvananthapuram, Kerala). [***Accepted for Invited Talk***]
3. **Veningston K**, Suhaib Ajaz, Gazala Mushtaq, Ahsan Ul Haq. *FloPWD: A Novel UAV-Based Dataset and Lightweight Segmentation Model for Real-Time Edge Deployment*. 1st IEEE International Conference on Intelligent Computing and Systems at the Edge (ICEdge 2025), IISc Bangalore, India [18-20 Dec 2025], pp. 1-7, https://doi.org/10.1109/ICEdge67252.2025.11412609.
4. **Veningston K**, Selvan C, Senthil Kumar R, Prabhakar M, Diana.S.Steffi. *A Comparative Analysis of Credit Card Fraud Detection (CCFD) under Extreme Class Imbalance*. 4th IEEE International Conference on Emerging Research in Computational Science (ICERCS 2025), Karpagam Academy of Higher Education, Coimbatore [11-13 Dec 2025], pp. 1-6. https://doi.org/10.1109/ICERCS65898.2025.11580858.
5. **Veningston K**, Selvan C, Prabhakar M, Senthil Kumar R, Shashank Singh, Bharath Polisetty. *An Attention-based Lightweight Deep Network for Crack Segmentation in Pavements and Concrete Structures*. 4th IEEE International Conference on Emerging Research in Computational Science (ICERCS 2025), Karpagam Academy of Higher Education, Coimbatore [11-13 Dec 2025], pp. 1-6. https://doi.org/10.1109/ICERCS65898.2025.11580858.
6. **K. Veningston**, C Selvan, Peddireddy Veera Venkateswara Rao, M Ronalda, Kavali Charan, Sreeram Chandra Sekhar, Madala Abhilash Chowdary. "Aromaticity and Instability Index-based Prediction of Parkinson's Disease Progression Using Longitudinal Peptide Data," 2025 International Conference on Artificial Intelligence for Computing, Astronomy and Renewable Energy (AICARE), University of Engineering and Management, Kolkata, India, 2025, pp. 1-6, [20-21 Nov 2025] https://doi.org/10.1109/AICARE66005.2025.11402688.
7. Madhumathi R, **Veningston K**, Dhanishtaa R, Elakkiya E, Gunashri R. *Fine-tuning Light-weight Large Language Model for Medical Question Answering*. 16th International IEEE Conference on Computing, Communication and Networking Technologies (ICCCNT 2025), IIT Indore, India [06-11 Jul 2025]. [**To appear in Easychair EPiC Series in Computing**]

8. Azath Mubarakali, Subash Chandra Bose Jaganathan, **Veningston K**, Harish L, Tejas Balamukesh, Dhananchezhiyan S, Khogula Kannan K, Ridhun KS. *Healthcare Network System for Elderly Community Based on Data Analytics and the Internet of Things*. In Proc. 2nd International Conference on MAchine inTelligence for Research & Innovations (MAiTRI 2024), NIT Srinagar [21-23 Jun 2024]. In: Verma, O.P., Wang, L., Kumar, R., Yadav, A., Rout, R.K. (eds) Machine Intelligence for Research and Innovations. MAiTRI 2024. Lecture Notes in Networks and Systems, vol 1358. Springer, Singapore. DOI: https://doi.org/10.1007/978-981-96-7614-9_27.
9. Gazala Mushtaq, **Veningston K**. *AlzNET: Computational Clinical Decision Support for Diagnosing Alzheimer's Disease from MRI Images*. In the IEEE International Conference on Next Generation Electronics (NEleX 2023), VIT Vellore, INDIA, December 15-16, 2023. Pp. 1-6, [**Best Paper Award**] DOI: https://doi.org/10.1109/NEleX59773.2023.10421608.
10. **Veningston, K.**, Venkateswara Rao, P.V., Pravallika Devi, M., Pranitha Reddy, S., Ronalda, M. (2024). *Plant Protein Classification Using K-mer Encoding*. In the 2nd International Conference on Computational Intelligence and Network Systems (CINS 2023) [28-29 Nov 2023], BITS Pilani Dubai Campus. Communications in Computer and Information Science, vol 1978. Springer. https://doi.org/10.1007/978-3-031-48984-6_8.
11. **Veningston K**, Venkateswara Rao P V, Selvan C, Ronalda M. *Investigation on Customer Churn Prediction using Machine Learning Techniques*. Data Science and Applications, Springer Lecture Notes in Networks and Systems (LNNS) [In Proc. International Conference on Data Science and Applications (ICDSA 2021) – 10-11 Apr 2021, Jadavpur University, Kolkata, Eds. Mukesh et. al.], Vol. 287, pp 109-119, November 2021. DOI: https://doi.org/10.1007/978-981-16-5348-3_8
12. Bharathi V C, **Veningston K**, Venkateswara Rao P.V. *Query-Based Word Spotting in Handwritten Documents using HMM*. In Proc. 3rd Intl. Conf. Data Engineering and Communication Technology (ICDECT-2K19) Eds: Srujan Raju et. al., [Hyderabad – 15-16 Mar 2019] Springer Advances in Intelligent Systems and Computing (AISC), Vol. 1079, pp 31-39, January 2020 DOI: https://doi.org/10.1007/978-981-15-1097-7_4
13. **Veningston. K**, Venkateswara Rao P V. *An Efficient Privacy-Preserving Search Technique for Encrypted Cloud Data*. In Proc. 7th Intl. Conf. Frontiers in Intelligent Computing: Theory and Applications (FICTA 2018), Duy Tan University, Da Nang, Vietnam, [29-30 Nov 2018], Eds: Suresh Chandra et. al., Springer Advances in Intelligent Systems and Computing (AISC), Vol. 1013, pp 96-106, October 2019. DOI: https://doi.org/10.1007/978-981-32-9186-7_11 [**Best Paper Award**]
14. Lavanya T, Miraclin Joyce Pamila J C, **Veningston K**. *Online Review Analytics using Word Alignment Model on Twitter Data*. In Proc. IEEE International Conference on Advanced Computing and Communication Systems (ICACCS 2016), vol. 1, pp. 1-6, 2016.DOI: http://dx.doi.org/10.1109/ICACCS.2016.7586388 [22-23 Jan. 2016]
15. **Veningston. K**, Shanmugalakshmi. R. *Personalized Location aware Recommendation System*. In Proc. IEEE International Conference on Advanced Computing and Communication Systems (ICACCS 2015), Sri Eshwar College of Engineering, Coimbatore, INDIA, January 05-07, 2015. [**Best Paper Award**] [Published in IEEE Xplore] DOI: http://dx.doi.org/10.1109/ICACCS.2015.7324140 [5-7 Jan. 2015]
16. **Veningston. K**, Shanmugalakshmi. R, *Information Retrieval by Document Re-ranking using Term Association Graph*. In Proc. ACM International Conference on Interdisciplinary Advances in Applied Computing (ICONIAAC 2014), Amrita University, Coimbatore, INDIA, Article No. 21, October 10-11, 2014. [**Best Paper Award**][Published in ACM Digital Library] DOI: http://dx.doi.org/10.1145/2660859.2660927
17. **Veningston. K**, Shanmugalakshmi. R. *Personalized Grouping of User Search Histories for Efficient Web Search*. In Proc. 13th WSEAS International Conference on Applied Computer and Applied Computational Science (ACACOS 2014), Universiti Teknologi Malaysia, Kuala Lumpur, MALAYSIA, pp. 164-172, April 23-25, 2014. Published with ISBN: 978-960-474-368-1 ISSN: 1790-5109
18. **Veningston. K**, Shanmugalakshmi. R. *Statistical language modeling for personalizing Information Retrieval*. In Proc. IEEE International Conference on Advanced Computing and Communication Systems (ICACCS 2013), pp. 1- 6, December19-21, 2013.

[**Best Paper Award**] [Published in IEEE Xplore] DOI: http://dx.doi.org/10.1109/ICACCS.2013.6938717

19. **Veningston. K**, Shanmugalakshmi. R, Ruksana. N. *Context-aware Personalization for Web Information Retrieval: A Large scale probabilistic approach*. In Proc. International Conference on Cloud and Big Data Analytics (ICCBDA 2013), PSG College of Technology, Coimbatore, INDIA, February 8-9, 2013.
20. **Veningston. K**, Shanmugalakshmi. R. *Enhancing personalized web search Re-ranking algorithm by incorporating user profile*. In Proc. 3rd IEEE International Conference on Computing, Communication, and Networking Technologies (ICCCNT 2012), pp. 1-6, July 26-28, 2012. [Published in IEEE Xplore] DOI: http://dx.doi.org/10.1109/ICCCNT.2012.6396036
21. **Veningston. K**, Misha Simon. *Collaborative Filtering for Sharing the Concept-Based User Profiles*. In Proc. 3rd IEEE International Conference on Electronics Computer Technology (ICECT 2011), pg. 187-191, April 8- 10, 2011. [Published in IEEE Xplore] DOI: http://dx.doi.org/10.1109/ICECTECH.2011.5941884
22. **Veningston. K**, Newlin Rajkumar. *A system to re-rank retrieved images from image search engines using visual similarity scores*. In Proc. International Conference on Sensors, Security, Software and Intelligent Systems (ISSSIS 2009), Coimbatore Institute of Technology, Coimbatore, INDIA & Oklahoma State University, USA, Web Technologies Track, pp. 31-36, January 8-10, 2009.
23. **Veningston. K**, Geetha. S. Kottilingam. K. *Optimization of Average Network Paging Latency for Remote Memory in Network Memory System*. In Proc. International Conference on Sensors, Security, Software and Intelligent Systems (ISSSIS 2009), Coimbatore Institute of Technology, Coimbatore, INDIA & Oklahoma State University, USA, Computer Networks Track, pp. 93-98, January 8-10, 2009.
24. **Veningston K**, Ghayathri J, Kottilingam K. *A Study on Approaches to Find Faults in Multithreaded Programs*. In Proc. International Conference on Managing Next Generation Software Applications (MNGSA 2008), Karunya University, Coimbatore, INDIA, pp. 377-384, December 05-06, 2008.
25. **Veningston K**, Ghayathri J, Kottilingam K. *Securing Wireless Sensor Network using Pairing-based Identity-based Encryption (IBE)*. In Proc. International Conference on Managing Next Generation Software Applications (MNGSA 2008), Karunya University, Coimbatore, INDIA, pp. 385-392, December 05-06, 2008.
26. **Veningston K**, Newlin Rajkumar. *Design of dynamic proxy server using Distributed Aspect Oriented Programming*. In Proc. International Conference on Managing Next Generation Software Applications (MNGSA 2008), Karunya University, Coimbatore, INDIA, pp. 393-403, December 05-06, 2008.
27. **Veningston K**, Kottilingam K, Prasanna S. *A Non-Server Centric Digital Voice Communication System for Pilot - Controller Communication Using VOIP*. In Proceedings of the International Conference on Advanced Computing and Communication Technologies for High-Performance Applications, Federal Institute of Science and Technology, Angamaly, Kerala, INDIA, Vol. 2, pp. 939-942, September 24 – 26, 2008.

Guest Lecture & Keynote Delivered

1. Seminar on "**Visual Programming (VB & VC++)**" at Kalasalingam University, Virudhunagar, INDIA, 2010.
2. Session on "**Data mining techniques**" in the workshop organized by Kalaignar Karunanidhi Institute of Technology, Coimbatore, INDIA, 2011.
3. Session on "**Web mining and Web search**" in the workshop organized by Ponjesly College of Engineering, Kanyakumari, INDIA, 2011.
4. Guest lecture on "**Hashing Data Structures**" at Sri Eshwar College of Engineering, Coimbatore, INDIA, 2012.
5. Session on "**Personalization in Information Retrieval**" in TEQIP Sponsored FDP on "Information Retrieval and Data Mining Techniques" organized by the department of CSE, GCT, Coimbatore, INDIA, 2012.
6. Practical session on "**Information Retrieval Tools**" in TEQIP Sponsored FDP on "Information Retrieval and Data Mining Techniques" organized by the department of CSE, GCT, Coimbatore, INDIA, 2012.

7. Session on "**Data Management in Cloud**" in AICTE Sponsored FDP on "Cloud Computing" organized by the department of CSE, GCT, Coimbatore, INDIA, 2013.
8. Session on "**Information-Centric Networking**" in AICTE Sponsored FDP on "Research issues in Named Data Networking" organized by the department of CSE, GCT, Coimbatore, INDIA, 2014.
9. Session on "**Intelligent Information Retrieval**" in AICTE Sponsored two-day National level seminar on "Research issues in Web mining and Information Retrieval" organized by the department of CSE, GCT, Coimbatore, INDIA, 2013.
10. Session on "**Public Vs. Private Information Retrieval**" in AICTE Sponsored FDP on "Web Application Security" organized by the department of CSE, GCT, Coimbatore, INDIA, 2013.
11. Guest lecture on "**System Software**" at Sri Eshwar College of Engineering, Coimbatore, INDIA on 27-09-2014.
12. Guest lecture on "**Processor & Memory**" in TEQIP-II sponsored Workshop of Teaching Learning Centre (TLC) on "Computer Skill Development" for GCT Technical Staff held from 17-11-2014 to 24-11-2014.
13. Guest lecture on "**Big Data Analytics**" at Karpagam College of Engineering, Coimbatore, INDIA on 23-01-2015.
14. Talk on "**Data Management Models for Pervasive Computing Environment**" with a Hands-on session on "**Windows Azure**" at Government College of Technology, Coimbatore, INDIA on 27-02-2017.
15. Plenary lecture on "**Intelligent Transportation System**" at Government College of Engineering, Salem, INDIA as part of a National Conference on "Emerging Technologies in Electrical Systems" on 28-03-2017.
16. Plenary lecture on "**Internet of Things (IoT) in Electrical Systems**" at Government College of Engineering, Salem, INDIA as part of a National Conference on "Emerging Technologies in Electrical Systems" during 5-6 April 2018.
17. Invited talk on "**Hadoop, Pig & Hive – Hands-on session**" in TEQIP III Sponsored 5-day FDP on *Big Data Computing* at Government College of Technology, Coimbatore on 13-12-2019.
18. Delivered a Hands-on session on "**Data visualization and Linear regression**" in a 2-day workshop on *Data Science using Python*, organized by the Department of CSE of Madanapalle Institute of Technology & Science during 07 & 08-01-2020.
19. Delivered a Hands-on session on "**Python Programming for INFYTQ Certification**", organized by the Department of CSE of Madanapalle Institute of Technology & Science in association with CSI, from 13-02-2020 to 15-02-2020.
20. Delivered a Hands-on session on "**Supervised Learning – Classification**" in TEQIP III sponsored 1-week online FDP on *Machine Learning*, organized by the Department of IT, Government College of Technology, Coimbatore on 06-07-2020.
21. Delivered Hands-on session on "**Multinomial Naïve Bayes & Gaussian Naïve Bayes for Healthcare Predictions"** in 1 week online FDP on *Machine Learning and its applications using Python*, organized the Department of CSE of Madanapalle Institute of Technology & Science in association with CSI during 17-07-2020 to 21-07-2020.
22. Keynote session on "**Research Challenges in Big Data and Hadoop**" in a 5-day FDP on *Contemporary Research Methodology and LaTeX for Research Documentation*, organized by the Department of CSE, GSSS Institute of Engineering & Technology for Women, Mysuru on 22-07-2020.
23. Delivered Hands-on session on "**AI/ML implementation in RPA – Web scraping**" in an FDP sponsored by AICTE Training And Learning (ATAL) Academy, organized by the Department of CSE, S V College of Engineering, Tirupati on 07-01-2021.
24. Webinar on "**Machine Learning for Healthcare with Hands-on**", organized by the Department of CSE, Madanapalle Institute of Technology & Science, Chittoor on 18-06-2021.
25. Webinar on "**Introduction to Statistical View of Database Management Systems**", organized by the Department of Statistics, Indira Gandhi Govt. College of Arts & Science, Puducherry on 19-06-2021.
26. Delivered a talk on "**Getting Started with GitHub**" in a 1-day Workshop on *Microsoft Technologies*, organized by the Innovation, Incubation & Entrepreneurship Development Centre (IIEDC), National Institute of Technology Srinagar, Jammu & Kashmir on 28-08-2021.
27. Delivered a talk on "**Artificial Intelligence of Things (AIoT) – Use case in Healthcare analytics**" in a 5-day FDP on *AI-Enabled IoT Networks*, sponsored by AICTE Training And Learning (ATAL) Academy, organized by the Department of ECE, Adi Shankara Institute of Engineering and Technology, Ernakulam, Kerala on 17-09-2021.

28. Delivered a talk on "**Exploring Data Analytics**" in a 2-day National level Webinar on *Statistical Modeling and Data Analysis*, organized by the Department of Statistics, Marudhar Kesari Jain College for Women, Vaniyambadi, Tamil Nadu (TN) on 18-09-2021.
29. Delivered a talk on "**Artificial Intelligence in Healthcare using Deep Neural Networks**" in a 5-day Virtual Workshop on *Applications of Blockchain and AI in Diverse Domain*, organized by the Department of CSE, Madanapalle Institute of Technology & Science, Chittoor on 22-10-2021.
30. Delivered a talk on "**Exploring Deep Neural Networks**" in a 5 day Short Term Course on *Emerging Topics on Instrumentation, Electronics, and Communications* (ETIEC), organized by the Department of ECE, Madanapalle Institute of Technology & Science, Chittoor on 27-10-2021.
31. CSIR Sponsored a National Level Seminar on "**Applications of Deep Learning in Drug Discovery**", organized by the Department of CSE, IFET College of Engineering, Villupuram, TN on 29-12-2021.
32. Delivered a talk on "**Cryptographic Concepts & Algorithms**" in a 6-day AICTE-Anna University STTP on *Information Security*, organized by the Department of Computer Technology, Madras Institute of Technology Campus, & Centre for Faculty Development, Anna University, Chennai on 06-01-2022.
33. Delivered a talk on "**Hands-on Experience in C Programming**" on 23-03-2022, conducted by the School of Electrical and Electronics Engineering REVA University, Bengaluru. The event is scheduled from 21st -25th Mar 2022.
34. Delivered a talk on "**AI in health – hands-on practices using Neural Networks**" in a 5-day FDP on "*Applications of Blockchain and AI in Diverse Domain*" conducted by the School of Computing Science and Engineering, VIT Bhopal University on 17-06-2022.
35. Delivered a Guest Lecture on "**Deep Neural Networks for Medical Images**", organized by the School of Computer Science and Engineering, VIT-AP University, Amaravati on 29-08-2022.
36. Delivered an Expert Lecture on "**Decision Tree Learning for Sentiment Classification**" in online mode for the *course CSE532-Advanced Machine Learning*, conducted by the Department of Computer Science and Engineering, Alliance College of Engineering and Design, Alliance University, Bangalore on 15-09-2022.
37. Delivered an Invited Talk on "**Deep Learning using CNN**" on 10-10-2022 in One week Online Faculty Induction Workshop (FIW) on *Thrust Areas*, organized by the Department of CSE, Madanapalle Institute of Technology & Science, Madanapalle, Andhra Pradesh from 10th – 15th Oct 2022.
38. Delivered a Talk on "**Math for Deep Learning through CNN**" on 06-01-2023 in One Week National Level Online FDP on Mathematics for Data Science and Machine Learning, organized by Gopalan College of Engineering &Management, Bangalore.
39. Delivered a Guest Lecture on "**Insights of tasks in Data Science and AI**" on 02-02-2023, organized by the Department of AI and DS, Madanapalle Institute of Technology & Science, Madanapalle, Andhra Pradesh.
40. Delivered an Expert Talk on "***Architecture of ChatBot***" in the webinar on the theme Chatbot: Current Scenario, Challenges, Threats, and Future aspects held on 24th Mar 2023, organized by Himalayan Institute of Engineering and Technology, and Himalayan Institute of Computer Science, Sirmour, Himachal Pradesh.
41. Session Chair and Delivered a Keynote Talk on "**Use case in Computer Vision Tasks using Convolutional Neural Networks (CNNs)**" at the 2nd International Conference on Deep Sciences for Computing and Communications (IConDeepCom-2023) during 20-22, Apr 2023, organized by the SRM University, Kattankulathur Campus, Chennai, Tamil Nadu.
42. Handled a workshop session on "**Git/Github**" organized by IET On Campus, NIT Srinagar on 03rd Jun 2023.
43. Delivered an Expert Talk on "**Generative AI with NLP**", organized by the G. H. Raisoni College of Engineering and Management, Nagpur, Maharashtra on 05-08-2023.
44. Delivered an Invited Talk on "**Machine Learning Algorithms in Unmanned Aerial Vehicles (UAVs) with Demo on Energy Efficiency Classification**" at DRDO Sponsored Two Days National Level Technical seminar held on 21st Aug 2023, organized by the Department of Electrical and Electronics Engineering (EEE), Madanapalle Institute of Technology & Science, Madanapalle, Andhra Pradesh.
45. Delivered a Guest Lecture on "**Data Science for Engineers"** on 02-12-2023, organized by the Department of AI and DS, Madanapalle Institute of Technology & Science, Madanapalle, Andhra Pradesh.
46. Workshop on "**Deep Neural Network Applications**" at Karpagam Academy of Higher Education, organized by the School of Engineering on 19-01-2024.
47. Delivered an Invited Talk on "**Introduction to Functional AI**" at Christ the King Polytechnic College, Coimbatore on 23-01-2024, organized by the Computer Engineering Association (COMPEA) of the Department of CE and IT.

48. Expert Talk on "**Mathematics behind Learning Algorithms with Hands-on**" in an International FDP on "Emerging Tools and Techniques in ML & DS" in association with CSI on 10-02-2024 organized by the Department of CSE, Madanapalle Institute of Technology & Science, Madanapalle, Andhra Pradesh.
49. Expert Talk on "**Knowledge Graph in Diverse Domains**" in an *Alumni Talk Series* on 30-09-2024 organized by the Department of Computer Science and Engineering, Karunya Institute of Technology and Sciences, Coimbatore.
50. Technical Talk on "**Querying on Knowledge Graph**" in *Techvaganza 2024* on 10-10-2024 organized by the National Institute of Technology Srinagar.
51. Talk on "**Transfer Learning for Medical Image Classification**" in a FDP on "Computer Vision and Image Processing with Intelligent Cloud Resources" on 22-10-2024 organized by the Department of CSE, SRM Institute of Science and Technology, Vadapalani, Chennai.
52. Invited Talk on "**Recurrent Neural Network and Learning algorithms (BPTT)**" on 30-10-2024 organized by the KL University, Vijayawada, Andhra Pradesh.
53. Invited Talk on "**Large Language Models for NLU**" in a 6 days STTP on Gen AI Tools & Techniques on 14-11-2024, organized by the Department of CSE, Madanapalle Institute of Technology & Science, Andhra Pradesh.
54. Guest Lecture on "**Data Mining and Data Warehouse Applications for Data Science**" on 27-01-2025 organized by the Department of CSE, Faculty of Engineering, Karpagam Academy of Higher Education, Coimbatore, Tamil Nadu.
55. Expert Session on "**Recent Trends in Generative AI (GANs) – Hands-on Approach**" on 28-01-2025 organized by the Signal and Image Processing Research Group, Department of Electronics and Communication Engineering (ECE), Sri Ramakrishna Engineering College, Coimbatore, Tamil Nadu.
56. Expert Talk on "**Applications of Machine Learning from Data to Model Deployment**" on 04-02-2025 organized by the School of Computer Applications, Karpagam College of Engineering, Coimbatore.
57. Guest Talk on "**Machine Learning in Modern Grid and Clean Energy Economy**" in a 2 day National Seminar on "ARTIFICIAL INTELLIGENCE EMPOWERINGTHE FUTURE IOT TOWARDS 6G ERA FOR NEXT GENERATION SMART GRID" funded by Anusandhan National Research Foundation (ANRF) on 09-04-2025 organized by the Department of EEE, Karpaga Vinayaga College of Engineering & Technology, Chengalpattu, Tamil Nadu.
58. Expert Session on "**Transfer Learning, Multitask Learning, End to end Deep Learning for Image Classification**" in a 1-week FDP on Artificial Intelligence, Machine Learning and Data Science with Research Applications on 24-07-2025 organized by the Department of CSE, MLR Institute of Technology (Autonomous) Hyderabad.
59. Guest Lecture on "**Ethical AI in the Indian Context**" at Manakula Vinayagar Institute of Technology, Puducherry on 29-07-2025.
60. Invited Talk on "**AI in Medicine – Predictive and Descriptive Models**" in a 6 Days Online FDP on "Smart Healthcare with AI, IoT and Cybersecurity" on 01-09-2025 organized by the Department of MCA, Rathinam Technical Campus, Coimbatore.
61. IEEE Seminar on "**Applications of Large Language Models (LLMs) and Retrieval Augmented Generation (RAG)**" on 28-10-2025, organized by Kongunadu College of Engineering & Technology (Autonomous), Trichy, Tamil Nadu.
62. Expert Talk on "**Context aware GenAI for Text using LLMs**" as part of AICTE-sponsored ATAL online FDP on "Artificial Intelligence: Concepts, Tools, and Emerging Applications" on 31-10-2025, organized by Chadalawada Ramanamma Engineering College (Autonomous), Andhra Pradesh.
63. Expert Talk on "**Using Data Mining, Citation Analysis, and Research Analytics Tools to Improve Academic Output and Decision-Making**" as part of AICTE-sponsored ATAL online FDP on "The Evolving Landscape in Teaching and Research: AI and Data Approaches" on 06-11-2025, organized by Nehru Institute of Technology (Autonomous), Coimbatore.
64. Invited Talk on "**Research Proposal Writing & Funding Opportunities**" as part of the National-level 5-day Online FDP on "Building Expertise in Research Paper and Proposal Writing" on 11-12-2025, organized by the Department of AI and ML, Panimalar Engineering College (Autonomous), Chennai.
65. Invited Talk on "**Linguistic Preprocessing and Text Understanding**" as part of 5-day Online FDP on "Natural Language Processing for Modern AI Systems" on 22-12-2025, organized by the Department of CSE, Ramco Institute of Technology, Rajapalayam, Tamil Nadu.
66. Invited Talk on "**Generative AI for Text using LLMs and RAG**" on 07-01-2026 as part of a Value Added Course on AI^2 – Applied Generative AI for Intelligent Applications for Modern AI Systems, organized by Chaitanya Bharathi Institute of Technology (Autonomous), Hyderabad.

67. Conducted 2-day workshop on "**Working with Open source LLMs and knowledge grounding using RAG**" at the Department of IT, Sri Ramakrishna Engineering College (Autonomous), Coimbatore during 20-21 Jan 2026.
68. Invited Talk on "**Model Optimization and Acceleration for EdgeAI**" as part of 5-day online FDP on Next Generation Computing Technologies on 05-02-2026, organized by Narsimha Reddy Engineering College (Autonomous) Hyderabad.
69. Invited Talk on "**Federated Learning**" in a 5-day FDP on 14-03-2026, organized by the Department of AI/DS, Madanapalle Institute of Technology & Science (Deemed to be University), Andhra Pradesh.
70. Invited Talk on "**Foundations of Distributed and Federated Learning**" in ISTE-BNY Knowledge Enhancement Programme as part of 6 Day Faculty Development Program on Quantum-Assisted Federated Learning for Secure Distributed Intelligence on 06-05-2026, organized by R.M.K. Engineering College Chennai.
71. Invited Talk on "**Advanced Federated Aggregation Algorithms**" in ISTE-BNY Knowledge Enhancement Programme as part of 6 Day Faculty Development Program on Quantum-Assisted Federated Learning for Secure Distributed Intelligence on 08-05-2026, organized by R.M.K. Engineering College Chennai.

Membership of Societies

- Professional Member of the **Association for Computing Machinery (ACM)** [Membership No: 9774678] since 01-02-2022. Valid up to 31-01-2030.
- Professional Member of the **Institute of Electrical and Electronics Engineers (IEEE)** [Membership No: 99352900] since 02-06-2023. Valid up to 31-12-2025.
- Life member of the **Indian Society for Technical Education (ISTE)** [Membership No: LM-137646] since July 2023.
- Life member of the **Indian Bayesian Society (IBS)** [Membership No: 162] since January 2014.
- Life member in the **International Association of Engineers (IAENG)** [Membership No: 206224] since December 2017.
- Life member of **Soft Computing Research Society (SCRS)** [Membership No: 2021-03-06-1801] since March 2021.
- Basic Member (Annual) of **Computer Science Teachers Association (CSTA)** [Membership No: 198358006722] from 17-05-2022 to 17-05-2023.

Countries Visited

- Academic visit to University Kebangsaan Malaysia, Universiti Teknologi Malaysia, **Kuala Lumpur, Malaysia** for an International Conference during April 23-25, 2014.
- Academic visit to **Bangkok, Thailand** for chairing a Session at an International Conference during November 27-28, 2015.
- Academic and Research visit to Duy Tan University, **Da Nang, Viet Nam** to chair a Session at an International Conference from November 29-30, 2018.
- Academic and Research visit to BITS Pilani, Dubai Campus, **UAE**, to present a paper at an International Conference during October 16-20, 2023.
- Academic and Research visit to **Lyon, France** to present a paper at the 28th International Conference on Pattern Recognition (ICPR 2029) during August 17-22, 2026.

Work Experiences

- ***Teaching & Research***: **Assistant Professor,** Department of Computer Science and Engineering at National Institute of Technology Srinagar, Jammu & Kashmir - 190006, INDIA from **24th March 2021** to **date***.
- ***Teaching & Research***: 0 years 6 months as **Professor**, Department of Computer Science and Engineering at Madanapalle Institute of Technology & Science, Andhra Pradesh - 517325, INDIA from 02nd October 2020 to 16th March 2021.

- ***Teaching & Research***: 5 years 2 months as **Associate Professor**, Department of Computer Science and Engineering at Madanapalle Institute of Technology & Science, Andhra Pradesh - 517325, INDIA from 10th August 2015 to 01st October 2020.
- ***Research***: 1 year 7 months as ***INSPIRE Fellow*** (**Senior Research Fellow - Professional**), Department of Computer Science and Engineering at Government College of Technology Coimbatore, Tamil Nadu, INDIA from 22nd February 2014 to 05th August 2015.
- ***Research***: 2 years 2 months as ***INSPIRE Fellow*** (**Junior Research Fellow - Professional**), Department of Computer Science and Engineering at Government College of Technology Coimbatore, Tamil Nadu, INDIA from 11th January 2012 to 21st February 2014.
- ***Teaching***: 2 years 7 months as **Lecturer**, Department of Computer Science and Engineering at Karunya University Coimbatore, Tamil Nadu, INDIA from 15th June 2009 to 1st December 2011.

References

1. **Dr. Shaima Qureshi**, Associate Professor & Head, Department of Computer Science and Engineering, National Institute of Technology Srinagar, Hazratbal, Srinagar, Jammu and Kashmir 190006. Email: shaima@nitsri.ac.in Mobile: +91 9419024540.

2. **Prof. Dr. R. SHANMUGALAKSHMI**, Professor & Principal [**Rtd.**], Department of Electrical and Electronics Engineering, Alagappa Chettiar Government College of Engineering & Technology, College Road, near Kendriya Vidhyalaya, Karaikudi, Tamil Nadu - 630004.
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3. **Prof. Dr. J. C. MIRACLIN JOYCE PAMILA**, Professor & Head, Department of Computer Science and Engineering, Government College of Technology, Coimbatore, Tamil Nadu - 641013.
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   Website: https://gct.ac.in/users/miraclin

4. **Prof. Dr. VENKAT PRASAD PADHY** *Ph.D. (IISc)*, Division Head - Artificial Intelligence, School of Computing Science and Engineering, VIT Bhopal University, Bhopal-Indore Highway, Kothrikalan, Sehore, Madhya Pradesh – 466114, INDIA.
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5. **Prof. Dr. MAHABOOB BASHA SHAIK**, Professor, Department of Computer Science and Engineering, GITAM University, Rudraram, Telangana - 502329, INDIA.
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