

## **G.V.SURESH**

**Address** : 14-246, SVS Nagar, Mylavaram  
**Phone** : 9912306009  
**Email** : vijaysuresh.g@lbrce.ac.in  
**Nationality** : Indian  
**Date of Birth** : 09/Aug/1982



### **Education**

- **Doctor of Philosophy**, Computer Science & Engineering  
Jawaharlal Nehru Technological University-Hyderabad in October 2024.
- **Master of Technology**, Software Engineering  
Godavari Institute of Engineering and Technology with 72% in June 2008.
- **Bachelor of Technology**, Information Technology  
Koneru Lakshmaiah College of Engineering (KLCE) with 70.12% in June 2004.

### **Work Experience**

- Working as Associate Professor in Lakireddy Balireddy College of Engineering Mylavaram, India (Jun 2012-till date)
- Worked as Associate Professor in Universal College of Engineering & Technology Guntur, India (Dec 2009-May 2012)
- Worked as Assistant Professor in Swarnandhra Engineering College Narasapur, India (Aug 2004-Sept 2006 & Aug 2007-Dec 2009)

### **Professional Membership**

- Member of IEEE
- Life Member of **Computer Society of India(CSI)**
- Life Member of **ISTE**
- Member of **IAENG (International Association of Engineers)**
- Life Member of **Indgaints Association of Educators and Professional Trainers**

### **Research Projects and Funding**

- Level 4 Autonomous Night Patrolling Robot for Late Night Crime Monitoring and Live Streaming, Principal Investigator, Funded by LBRCE. Total grant amount: Rs.2,05,300 Lakhs, June 2024 – June 2026.

### **Journals Proceedings**

1. Lavanya, K., Rambabu, P., **G.V.Suresh**, & Bhandari, R. (2023). Gene expression data classification with robust sparse logistic regression using fused regularisation. International Journal of Ad Hoc and Ubiquitous Computing, 42(4), 281-291. <https://doi.org/10.1504/IJAHUC.2023.130470>.(SCIE)

2. **G. V. Suresh**, Dr. E. Sreenivasa Reddy. (2022). Uncertain Data Analysis using Gray Set based Multiple Imputation with Penalized Optimization Algorithm. *Mathematical Statistician and Engineering Applications*, 71(3), 252 –. <https://doi.org/10.17762/msea.v71i3.163>. (Scopus)
3. Chopra, P., **G.V.Suresh**, Ahmed, A. N., Babu, S. B. G. T., Kaur, C., Prasad, N. A., & Nuagah, S. J. (2022). Automated Registration of Multiangle SAR Images using Artificial Intelligence. *Mobile Information Systems*, 2022, Article 4545139. <https://doi.org/10.1155/2022/4545139>. (SCIE)
4. **G.V.Suresh**, & Reddy, E. S. (2022). Uncertain data analysis with regularized XGBoost. *Webology*, 19(1). <https://doi.org/10.14704/WEB/V19I1/WEB19245>.
5. **G.V.Suresh**, & K. Lavanya, (2021). An Additive Sparse Logistic Regularization Method for Cancer Classification in Microarray Data. *The International Arab Journal of Information Technology*, 18(2), Article 10. <https://doi.org/10.34028/iajit/18/2/10>. (SCIE)
6. **G.V.Suresh**, & E.S. Reddy (2021). A Novel Framework for Missing Data Imputation and Feature Selection in Incomplete Information Systems using Hybrid Rough Set Theory. *International Journal of Scientific Research in Science and Technology*, Volume(Issue), 591. <https://doi.org/10.32628/IJSRST>.
7. G.V.Suresh, & E.S. Reddy (2020). A New Method for Missing Value Imputation in Incomplete Information Systems using Hybrid Rough Set Theory. *International Journal of Scientific Research in Computer Science, Engineering and Information Technology*, Volume(Issue), 580. <https://doi.org/10.32628/IJSRCSEIT>.
8. **G.V.Suresh**., Krishna Rao, L., & Srinivasa Rao, C. (2020). Handling missing data for big data using parallel Miss Forest imputation method. *Journal of Advanced Research in Dynamical & Control Systems*, 12(07-Special Issue). <https://doi.org/10.5373/JARDCS/V12SP7/20202391>. (Scopus)
9. **G.V.Suresh**, & E.S. Reddy(2015). Knowledge extraction from uncertain data – A Survey. *International Journal of Research*, 4(2), 53. ISSN: 2236-6124.
10. **G.V.Suresh**, Dr.A.Yesu Babu, Usman Ali Sheik “Uncertain data classification using RBF Neural Networks” has been Published in the journal *CiiT International Journal of Data Mining Knowledge Engineering(CIIT-IJ-1083- ISSN 0974 – 9683)*
11. **G.V.Suresh**, E.V.Reddy, Shabbeer Shaik” Classification of Uncertain Data using Gaussian Process Model” has been Published in the journal *IJCSE (Indian Journal of Computer Science and Engineering) Vol. 1 No. 4 306-312 ISSN : 0976-5166*
12. **G.V.Suresh**, E.V.Reddy, Shabbeer Shaik, Usman Ali Shaik “Gaussian Process Model for Uncertain Data Classification” has been Published in the journal *IJCSIS (International Journal of Computer Science & Information Security) Vol. 8 No. 9, December 2010 ISSN (1947-5500)*

13. E.V.Reddy, **G.V.Suresh**, “Probability Neural Networks for Uncertain Data Classification” has been Published in the journal IJEECS (International Journal Electrical, Electronics and Computer Systems) Vol. 1, Issue:1 March 2011 ISSN:2221-7258(Print),2221-7266(Online)
14. **G.V.Suresh**, O.S.Reddy, Shabbeer Shaik, “Classification of Uncertain data using Fuzzy Neural Networks” has been Published in the journal World of Computer Science and Information Technology Journal (WCSIT) Vol. 1, No. 4, 124-131, 2011 ISSN: 2221-0741
15. **G.V.Suresh**, K.Suresh, K.Karunakar “A Novel Based Approach For Uncertain Data Classification Using Probabilistic Neural Networks” has been Published in the Journal of Theoretical and Applied Information Technology May 2011 | Vol.27 No.2 E-ISSN 1817-3195 / ISSN 1992-8645

### **Books/Book Chapters**

- **G.V.Suresh**, B.Sivarama Krishna, L.V.Krishna Rao (2021). Mathematical Modelling of Deterministic and Stochastic Models of Infectious Disease. O. Rama Devi,(eds) Introduction to Data Science, Immortal Publications, 978-93-5416-648-8.
- Kumar, K. S., Rao, M. N., Sharma, A., & **G.V.Suresh**. (2004). *The Art and Science of Data Driven Decision Making* (1st ed.). IIP Iterative International Publisher,978-93-6252-620-5.

### **Patents**

1. Gollamandala Vijaya Suresh (2024). IoT-based coal mine safety monitoring and alerting system (Application No. 202441050594 A). Patent Office Journal, 27, 05/07/2024.
2. G.V.Suresh (2024). Autonomous Night Patrolling Robot for Crime Monitoring and Live Streaming System (Patent No. 202441088188). Indian Patent Office. Filed on November 14, 2024.
3. G.V.Suresh (2020). IANM-Data Analysis: Intelligent data analysis (academic, non-academic) using machine learning programming (Patent No. 2020102877). Australian Patent Office.

### **Conference Proceedings**

1. G. V. Suresh, G. P. N. P. Sri, K. S. Angidi, T. S. Dheeraj and G. N. V. Sneetha, "Automated Denoising of Diabetic Retinopathy Images for Enhanced Medical Diagnosis," 2024 3rd International Conference on Applied Artificial Intelligence and Computing (ICAAIC), Salem, India, 2024, pp. 1234-1240, [doi: 10.1109/ICAAIC60222.2024.10574928](https://doi.org/10.1109/ICAAIC60222.2024.10574928).(Scopus)
2. **G. V. Suresh**, Kethe, J., Supraja, T. L., & Latha, B. S. (2023). Convolutional neural network-based ripeness of fruit detection. Proceedings of the 2023 IEEE

International Conference on Nanoelectronics, Nanophotonics, Nanomaterials, Nanobioscience & Nanotechnology (5NANO2023) (**Scopus**).

3. **G.V.Suresh**, Latha, B. S, Identifying Text on Display Boards and Converting them to Voice for the Visually Impaired Proceedings of the 2023 IEEE International Conference on Nanoelectronics, Nanophotonics, Nanomaterials, Nanobioscience & Nanotechnology (5NANO2023) (**Scopus**).
4. M.Sitaram, **G. V. Suresh**, “Multiclass Classification for Large Medical Data using Adaptive Random Forest and Improved Feature Selection Methods” IEEE Proceedings on 12th International Conference on Cloud Computing, Data Science & Engineering (Confluence-2022)(**Scopus**)
5. D. Jagan Mohan Reddy, **G. V. Suresh**, Seelam Srinivasa Reddy, "Cloud Supportive Multi-Stage Selection Model for Multiple Imputation in Large Scale Study: Non-Ignorable NMAR", 21<sup>st</sup> Industrial Conference, ICDM 2021 New York, USA, July 14 – 18 2021.
6. K.Karunakar, **G.V.Suresh**, B.Anand Kumar, T.Immanuel “Nativity Based Raga Identification Systems ” selected in Hybrid Intelligent Systems (HIS) proceedings will be published by IEEE Explore December 4, 2012.(**Scopus**)
7. **G.V.Suresh**, Dr.S.Sai Satayanaryana Reddy,“ Uncertain Data Classification using Naive Credal Classifier” selected in International Conference on Frontiers of Intelligent Computing: Theory and applications (FICTA-12) proceedings will be published by Advances in Intelligent and Soft Computing of Springer, an International Publisher, USA.(**Springer**)
8. **G.V.Suresh**, E.V.Reddy, Dr.E.S.Reddy “Uncertain Data Classification using Rough Set Theory” presented in International Conference on Information Systems Design and Intelligent Applications-2012 (INDIA-2012) proceedings will be published by Advances in Intelligent and Soft Computing series: 4240 of Springer, an International Publisher, USA. (**Springer**)
9. **G.V.Suresh**, Usman Ali Sheik, K.Karunakar” Uncertain data classification using RBF Neural Networks” Presented in National Conference on Advances in Communications Technologies (NCACT-10) in GITAM University.
10. **G.V.Suresh**, Usman Ali Shaik E.V.Reddy, “Speaker Identification using Elliptical Based Neural Networks Presented in National Conference on Research Issues in Information Technology& Computer(RITCA-10) in St.Ann’s College of Engineering & Technology, Chirala.
11. **G.V.Suresh** , P.Ravi Kiran “Self-Organized Public-Key Management for Mobile Ad Hoc Networks” presented in “International Conference on Quantitative Methods, Operations and Information Technology"--ICQMOIT-2008 in ICFAI Business School , HYDERABAD.

12. **G.V.Suresh**, P.Ravi Kiran “Speaker Classification using Radial based Neural Networks” presented in National conference in “Emerging Trends in Engineering” sponsored by AICTE in Sri Venkateswara Perumal College of Engineering & Technology.
13. **G.V. Suresh**, G.V.S. Raju, Harinath Reddy, P. Ravi Kiran “A Time Encoded Approach for Speaker Classification” CC-11.1 presented in The International Conference on Systemic, Cybernetics and Informatics (ICSCI2008) Pentagram Research Centre (P) Limited.
14. **G.V. Suresh**, G.V.S. Raju, B.V.S.Varma, P.Ravi Kiran “ Optimizing Data Mining Tasks Using RBF Neural Networks” presented in National conference in “Data Mining Its Applications” sponsored by AICTE in Gudlavalleru College of Engineering & Technology.

### **Advising and Mentoring**

- U.G (B.Tech) 18
- P.G (MCA) 8
- M.Tech 6

### **Administrative Services**

- Central Committee Member for NBA/NAAC
- Coordinator, ISO Accreditation.
- Member Department Academic Committee (DAC).
- Member Department Audit Cell

### **Invited Lectures/ Workshop Presentations**

- Delivered a talk on "Handling Missing Data" at the UGC Sponsored Three-Day National Workshop on Data Science Concepts for Business Decision Making held at Dr. YSR ANU College of Engineering and Technology, Acharya Nagarjuna University, from April 1<sup>st</sup> to 3<sup>rd</sup>, 2023.
- Delivered a talk on "Introduction to Data Science" at the UGC Sponsored Two-Day National Workshop on “Data Science and its Applications” held at Acharya Nagarjuna University, from March 11<sup>th</sup> to 12<sup>th</sup>, 2024.
- Delivered a Guest Lecture on "Data Mining Techniques" for III-B.Tech AI & ML students at PBR VITS, Kavali, on August 31, 2024.
- Delivered a Guest Lecture on "Machine Learning Techniques and its Applications" for Final Year MCA students at Kalyani MCA College, Ongole. on February 21, 2025.

## **Participation in Workshops/Short Term Courses/ Certifications (2020 onwards)**

1. G.V.Suresh (2020) Certificate of participation in AICTE recognized faculty development programme on **Outcome Based Curriculum** (May 25–29, 2020). NITTTR, Chandigarh.
2. G.V.Suresh (2020). **NPTEL Certification on Big Data** (8-week course, September–November 2020).
3. G.V.Suresh (2020). Faculty Development Program on AI and Deep Learning (July 1–July 28, 2020), 60 Contact Hours.
4. G.V.Suresh (2020). **Tools for Data Science**. An online non-credit course authorized by IBM and offered through Coursera.
5. G.V.Suresh. (2020). **NPTEL Certification on Data Science for Engineers** (8-week course, January to March 2020).
6. G.V.Suresh. (2020). Faculty Development Programme on “Optimization Techniques and Applications” organized by the Department of Computer Science and Engineering, NIT Andhra Pradesh, Tadepalligudem, from September 21 to September 25, 2020.
7. G.V.Suresh (2021). Faculty Development Programme on Data Analysis & Mining with Python (Five-day National Level Online FDP from November 8 to November 12, 2021). Organized by the Department of Computer Science & Engineering, CMR Engineering College, Hyderabad.
8. G.V.Suresh (2022). **NPTEL Certification on Software Testing** (4-week course, January–February 2022).
9. G.V.Suresh (2022). Amazon Web Services (Training program from August 22 to August 27, 2022). Organized by the Department of Information Technology, Aditya Engineering College (A), in collaboration with Brain O Vision Solutions India Pvt. Ltd. and AICTE.
10. G.V.Suresh (2023). Participated in the one-week online Short-Term Course on "Intellectual Property Right: Fostering Research and Economic Development" organized by the Department of Computer Science & Engineering, Dr. B R Ambedkar National Institute of Technology Jalandhar, held during December 19-23, 2023.
11. G.V.Suresh (2024). **NPTEL Certification on Introduction to Internet of Things** (12-week NPTEL course on from July to October 2024).

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