

Dr. Nirmala S Gupta

BE, ME, PhD [LMISTE, LMCSI, MACM, MIEEE]

Professor & HEAD, Department of CSE-AI, SVCE, Bengaluru

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Biography

Dr. Nirmala S Gupta has 23 of experience in teaching and Industry and 8 Years of experience in research. She received BE in Computer Science and Engineering from S.J. C Institute of Technology, Bangalore University , M Tech in Computer Science and Engineering from M. S. Ramaiah Institute of Technology , Bangalore, VTU, Belgavi and completed Her doctorate in REVA University, Bangalore. Her area of interest includes Business Intelligence, Data Analytics, Artificial Intelligence, RPA and Robotics.

To her credit prolifically published around 47+ papers in national / international journals and conferences. She is also filing 1 patent (under Process). She had received Best SPOC Award from ORACLE India Pvt Ltd. She is a Life member of CSI, ISTE, and member of IEEE, MACM.

Research Interests

- Business Intelligence
- Data Analytics
- Artificial Intelligence
- RPA
- Robotics

Selected Publications

1. Nirmala S Gupta, Kiran Kumari Patil ,**Earth Movers Distance Based CBIR Using Adaptive Regularized Kernel Fuzzy C-Means Method Of Liver Cirrhosis Histopathological Segmentation**, International Journal of Signal and Imaging Systems Engineering, Inderscience Publishers, Vol.10, Nos.1/2 2017, (IJSISE; e-ISSN: 1748-0701, p-ISSN: 1748-0698), pp39-46.
DOI: <http://dx.doi.org/10.1504/IJSISE.2017.10005432>
2. Nirmala S Gupta, Kiran Kumari Patil , **Detection of Macro and Micro Nodule Using Region Based –Active Contour Model in Histopathological Liver Cirrhosis**, International Journal of Intelligent Engineering & Systems”, INASS Journal, Vol.11, No.2 2018, DOI:10.22266/ijies2018.0430.28. pp 256-265.

3. Nirmala S Guptha, Kiran Kumari Patil, **Liver Cancer Border Analysis and Extraction** , International Journal of Pure and Applied Mathematics , Volume 118 No. 19 2018, 2579-2586 ISSN: 1311-8080 (printed version); ISSN: 1314-3395.
4. Nirmala S Guptha, Kiran Kumari Patil, “Liver Contour and Shape Analysis under Pattern Clustering”, Book Chapter in Springer Lecture Notes in Networks and Systems, 2018. Pages 333-343, Publisher Name: Springer, Singapore, Print ISBN: 978-981-10-5145-6, Online ISBN 978-981-10-5146-3, DOI:https://doi.org/10.1007/978-981-10-5146-3_31.
https://link.springer.com/chapter/10.1007/978-981-10-5146-3_3
5. Nirmala S Guptha, Kiran Kumari Patil, Mala B M,“An Investigation of Liver Lesion Feature Extraction based SVM Classifier”, published in International Journal of Control Theory and Applications (IJCTA).. Volume no-10(2017) Issue no- 37(2017) ISSN-0974-5572, 2017