

Dr. Yogish Naik G. R

Designation: Associate Professor

Address : Department of Computer Science and M.C.A

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Educational Qualification:

SL. NO	Name of the Degree	University/Institution	Year of Degree Awarded	Specialization
01	Ph. D	Kuvempu University	2019	Appearance Based Face Recognition Techniques Using Fuzzy Symbolic Approach
02	M.S	University of Mysore	2003	Computer Cognition Technology
03	M.Phil.	Alagappa University	2008	Computer Science
04	B. E	Kuvempu University University B.D.T College of Engineering	2000	Computer Science and Engineering

Academic Programs Taught:

SL.NO	Name Of the Degree	Institution/University
01	M.Sc. (Computer Science)	Kuvempu University
02	M.C.A (Computer Application)	Kuvempu University
03	B.Sc. (Computer Science)	Sahyadri Science College
04	B.C.A (Computer Application)	Sahyadri Science College
05	M.Sc. (Information Technology)	Sahyadri Science College
06	B.Sc. (Information Technology)	Sahyadri Science College

Employment:

SL.NO	Designation	Department	University	Period
01	Associate Professor	Department of PG studies and Research Center in M.Sc. and M.C.A	Kuvempu University	2017-Present
02	Assistant Professor	Department of PG studies and Research Center in M.Sc. and M.C.A	Kuvempu University	2003-2017

Teaching Experience

- 1) Twenty-three Years of Teaching Experience at graduate and Post-Graduate Level.
- 2) **Subjects Taught:** Digital Image processing, Software Quality & Testing, Logic Design Operating Systems Machine Learning, Deep Learning, Artificial Intelligence, Software Engineering.

❖ Academic Supervision:

Supervising M.Sc. And MCA Graduates for application in academic studies and research-oriented projects.

Research Supervision

❖ Ph.D Awarded.

Sl.No	Candidate Name	Title	Year
01	Namitha R Shetty	Development of Reversible Data Hiding Techniques for Digital Images	2025
02	Vidyasagar K.B.	Analysis of Microscopic Medical Images using Machine Learning Techniques	2024

❖ Ph.D ongoing.

Sl.No	Candidate Name	Title
01	Kavya T M.	Development of Learning based Super Resolution Techniques for Enhancement of Digital Images
02	Amith G K.	Construction of Frontal Face Image from Pose Invariant Face Images using Deep Learning Techniques
03	Shashidhara B.	Enhancement of Historical Document images for Extraction of Textual Information
04	Manjunath.	Analysis and classification of Brain Stroke types using Machine Learning approaches

❖ Workshops and Training Programs organized

Sl.No	Name of the workshop/training programs	Level	Date
01	Workshop on “Machine Learning and its Applications”	National Level	21/03/2024 to 23/03/2024
02	National Seminar on “Research and Development in Computing Technologies”	National level	26/11/2016
03	One Week National Workshop on “Advanced Technologies in Computer Science	National Level	22/02/2016 to 27/02/2016
04	Workshop on “Pattern Classifiers”	National Level	28/03/2025 to 30/03/20215
05	Workshop on “Embedded System”	State Level	24/09/2011
06	Workshop on “IT-Past Present Feature”	State Level	30/03/2010

University Services

- 1) 2024- Present: Director, University Central Computing Facility (UCCF), Kuvempu University, Karnataka
- 2) 2024-present: Chairman, Board of Examiners, MCA and M.Sc. Courses, Kuvempu University, Karnataka.
- 3) 2022-23, 2023-24: AISHE Nodal officer of Kuvempu University.
- 4) 2018-2019: Director, University Central Computing Facility (UCCF), Kuvempu University, Karnataka.
- 5) 2022-2024 Deputy Registrar, Development Section. Kuvempu University, Karnataka.

- 6) 2022-2024: Chairman, Department of Studies in MCA and Computer Science, Kuvempu University, Karnataka.
- 7) 2017-2018: Chairman, Board of Examiners, MCA and M.Sc. Courses, Kuvempu University, Karnataka.
- 8) 2019-2023: Member, Board of Examiners, MCA and M.Sc. Courses, Kuvempu University, Karnataka.
- 9) 2006-2012: Chairman, Board of Examiners, M.Sc. (IT) and B.Sc. (IT) Courses, Directorate of Distance Education, Kuvempu University, Karnataka.

Publications

Refereed International Journals

- 1) Yogish Naik G.R, Shashidhara B and Vidyasagar K.B, "Enhanced of Degraded Historical Document Images for Binarization". *Journal of Electrical System*. Vol.20, No 03. (2024). PP. 4779-4796. **(Scopus Indexed)**.
- 2) Namitha R Shetty, Yogish Naik G.R and Vidyasagar K.B, "Reversible Data Hiding in Encrypted Images Using Difference Expansion and Histogram Shifting". *Journal of Electrical System*. Vol.20, No 10. (2024). PP. 4732-4743. **(Scopus Indexed)**.
- 3) Namitha R Shetty, Yogish Naik G.R and Vidyasagar K.B, "Reversible Data Hiding Using Histogram Shifting for Digital Images". *International Journal on Recent Trends in Computing and Communication*. Vol.11, No 8. (2023) PP. 656 – 668. **(Scopus Indexed)**.
- 4) Yogish Naik G R, Namitha R Shetty, Vidyasagar K B, "A Review and Analysis of Different Reversible Data Hiding Techniques". *Journal of Data Acquisition and Processing*. Vol.38, No 04. (2023). PP. 1543-1551. **(Scopus Indexed)**.
- 5) Yogish Naik G R., Vidyasagar K.B and B Shashidhara. "Customized CNN for Classification of Cho Cells". *Journal of Harbin Engineering University*. Vol.44, No 10. (2023) PP.648-653. **(Scopus Indexed)**.

- 6) Yogish Naik G.R., Vidyasagar K.B and G.K Amith. "Enhancement of Microscopic Medical Images using Fuzzy Logic Approach". *The Seybold Report*. Vol.18, No 06. (2023). PP 01-09. **(Scopus Indexed)**.
- 7) Yogish Naik, G. R., Vidyasagar K.B and R. Shetty Namitha. "Analysis of Microscopic Medical Images: A Case Study on Malaria." *Journal of Pharmaceutical Negative Results*. Vol.13, No. 4 (2022). PP 1888-1899. **(Scopus Indexed)**.
- 8) Yogish Naik G R., "Human Action Recognition based on Motion Descriptor". *Journal of Critical Reviews (JCR)*. Vol. 07, No. 02. (2020). PP. 1904– 1908. **(Scopus Indexed)**.
- 9) Yogish Naik G R., "Analysis of Automated Attendance Management System using Face Recognition". *Turkish Journal of Computer and Mathematics Education*. Vol 10, No.01. (2019), PP 645-656. **(Scopus Indexed)**.
- 10)Yogish Naik G.R. "Artificial Intelligence in Depth Analysis of Robotic Healthcare Systems". *Journal of Applied Science and Computations*. Vol.6 No.7. (2019) PP.1076-5131. **(UGC CARE)**.
- 11)Yogish Naik G. R., C. J. Prabhakar, H. D. Arun Kumar, and C. Thontadari. "Fuzzy Face Recognition Based on Skin Texture Fusion Model.". *International Journal of Engineering and Advanced Technology (IJEAT)*. Vol.8. No.6. (2019). PP.541. **(Scopus Indexed)**.
- 12)Yogish Naik G.R., Arun Kumar H.D., and Prabhakar C.J. "Face Recognition Using Fuzzy- Symbolic Data with Texture Features. ". *International Journal of Scientific Research in Computer Science Applications and Management Studies*. Vol 7 No.5. (2018). **(UGC CARE)**.
- 13)Yogish Naik G.R., Arun Kumar H.D., and Prabhakar C.J. "Face Recognition Using Symbolic Data with Texture Features". *International Journal of Computer Sciences and Engineering*. Vol. 5 No 11, (2018). PP.354–358. **(UGC CARE)**.
- 14)Yogish Naik G R. "Face Recognition System Using Fuzzy Logic and Symbolic Data Analysis", *Journal of critical reviews (JCR)*. Vol. 5, No. 6, (2018), PP. 28– 35. **(Scopus Indexed)**.

- 15) Yogish Naik G R., "MR U-Net Based Image Segmentation of Skin Lesion using Dermoscopic Images". *European Journal of Molecular and Clinical Medicine*. Vol. 5, No. 1, (2018). PP.715-722. (**Scopus Indexed**).
- 16) Yogish Naik G. R., Prabhakar C. J, "Symbolic Representation of Edge let Features for Face Recognition: A Novel Approach". *International Journal of Engineering Researches and Management Studies (IJERMS)*. Vol. 4, No. 5, (2017). PP. 19– 24.
- 17) Yogish Naik G R, Amani Ali Ahmed Ali, "PCA Based English Handwritten Digit Recognition". *International Journal of Advanced Research in Computer Science*. Vol.8, No. 5, (2017). PP.1426– 1429. (**UGC CARE**).
- 18) Yogish Naik G R, Prabhakar C. J, "Combination of Fuzzy and Symbolic Representation of Edge Let Features for Face Recognition: A Novel Integrated Approach". *International Journal of Research Science & Management*. Vol.2, No.12. (2015). PP. 60 – 65.
- 19) Yogish Naik, "Fuzzy and Entropy for Face Recognition". *International Journal of Computer Science and Mobile Computing (IJCSMC)*. Vol.4, No.2, (2015). PP.434 – 438.
- 20) Yogish Naik, "Detailed Survey of Different Face Recognition Approaches". *International Journal of Computer Science and Mobile Computing (IJCSMC)*. Vol. 3, No. 5, (2014) PP.1306 – 1313.

Refereed International/National Conference Proceedings

- 1) Yogish Naik G.R., Namitha R Shetty and Vidyasagar K.B, "A Study and Analysis of Reversible Data Hiding Techniques". *Second International Conference on Advances in Information Technology (ICAIT)*. PP 398-403. 2024.**IEEE**.
- 2) Kavya T.M and Yogish Naik G.R, "Learning-Based Super-Resolution for Image Upscaling Using Sparse Representation". *Second International Conference on Advances in Information Technology (ICAIT)*. PP 306-309. 2024.**IEEE**.

- 3) Yogish Naik G R Shashidhara B and Amith G.K, "A Review on Text Extraction Techniques For Degraded Historical Document Images". *Second International Conference on Advances in Information Technology (ICAIT)*. PP 256-263. 2024.**IEEE**.
- 4) Yogish Naik G.R Namitha R Shetty and Vidyasagar K.B, "Analysis of Reversible Data Hiding Techniques for Digital Images". *International Conference on Communications and Cyber Physical Engineering*. PP 501-508. 2022. **Springer**.
- 5) Yogish Naik G.R Vidyasagar K.B and Namitha R Shetty, "Deep Learning Methods for Microscopic Medical Images". *International Conference on Inventive Computation Technologies (ICICT)*. PP 271-276.2023. **IEEE**.
- 6) Kavya T.M and Yogish Naik G.R, "Survey on learning based super resolution techniques for enhancement of digital images". *Automation and Computation*. PP.457-464.2023. **Taylor & Francis**.
- 7) Yogish Naik G R Shashidhara B and Vidyasagar K.B, "A Review on Enhancement Techniques for Historical Document Images Using Binarization". *International Conference on Inventive Computation Technologies (ICICT)*. PP 1031-1038. 2023.**IEEE**.

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