Dr. Nagesh B S

Associate Professor

Qualification : MCA, Ph.D.

Experience : 17

Academic: 16

Industry: 01

Courses Taught: Computer Networks, DBMS, Object Oriented Programming Using JAVA, C Programming, User Interface Design, Cloud Computing, Data Mining and Data Warehousing **...**

Areas of Research: Data Mining, Machine Learning , Video Mining

Certifications and Achievements :

- Mission10X Dale Carnegie Certificate in High Impact Teaching Skills by Wipro Technologies.
- Introduction to Data Science & Python Essentials Cisco Networking Academy

Key Publications :

- Identification of Polyps and Tumors from Endoscopy Images with Deep Belief Network , Nagesh B. S. N. P. Kavya , Research and Applications Towards Mathematics and Computer Science Vol. 6, 18 November 2023 , Page 68-75 DOI: https://doi.org/10.9734/bpi/ratmcs/v6/5328E, Published: 2023-11-18
- B. S. Nagesh and N. P. Kavya, "Convolution Neural Network in Polyp Detection and Classification " Solid State Technology vo. 64, issue: 2, 2021, pp. 6541-6520.
- B. S. Nagesh and N. P. Kavya, "Polyp Detection in Endoscopy videos using cascaded classification " 2021 Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV), 2021, pp. 553-557, doi: 10.1109/ICICV50876.2021.9388443. IEEE Xplore.
- Nagesh B S, N P Kavya "Validation Techniques for Relating Ensemble Methods in Polyp Detection", International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, vol. 9, issue-2S, pp. 455-458, December 2019.
- Nagesh B S, Dr. N P Kavya. "A hybrid video mining approach for Cancerous polyp detection in endoscopy videos", International Journal of Advance Research, Ideas and Innovations in Technology, June 21, vol. 4, issue 3, pp. 2132-2136, 2018.
- Nagesh B S, N P Kavya , 'Endoscopic Video Pre-Processing using Histogram Equalization and Canny Edge Detection Technique and Hough Transform Technique for Polyp Detection', 'International Journal of Recent Technology and Engineering (IJRTE)', ISSN: 2277- 3878 (Online), vol. 8, issue 4, November 2019. pp. 1793-1795.
- Nagesh B S, Dr. N P Kavya "A Study on Applying Association Mining Technique on Endoscopic Videos" International Journal of Latest Technology in Engineering, Management & Applied Science-IJLTEMAS vol. 7, issue 1, pp.22-27 ,2018.

Patents :

- "Endoscope image quality enhancement to detect polyps in gastrointestinal tract" Published Date: 22/03/2024 Authority: Intellectual Property India , Office of the Controller General of Patents, Designs & Trade Marks, Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Govt. of INDIA
- Web mosaic: streamlined website creation with drag-and-drop interface" Published : 09/08/2024 Authority: Official Journal of the Patent Office - The Patent Office Journal No. 32/2024