



NITHYANANDA C R

ASSOCIATE PROFESSOR

DEPARTMENT OF CSE

PROFILE

CONTACT & LINKS

- Dedicated & Committed Faculty in Department of CSE, with 23 years of experience in teaching UG & PG Students.
- Subjects Handled: Data Structures, Object Oriented Programming, Artificial Intelligence, Machine Learning.
- Skills: Programming in C, C++, JAVA, PASCAL, LISP and ALGOL.

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EDUCATIONAL QUALIFICATIONS

PROFESSIONAL EXPERIENCE

B.E(CSE)- Siddaganga Institue of Technology, Tumkur, Karnataka.
M.E(CSE)- University College of Engineering(UVCSE), Bangalore.

Teaching Experience: 23 years
Industry Experience:
Total: 23 years

INSTITUTION/DEPARTMENT RESPONSIBILITIES

RESEARCH AREA/SPECIALISATION/ RESEARCH GRANTS/ PROJECTS IF ANY

- CSE Department major activities Coordinator
- CSE Department Hardware and Software Coordinator
- Worked as Exam Coordinator
- Student Counsellor
- Worked as Project Coordinator
- Worked as Technical Coordinator
- Worked as Cultural Coordinator

Specialization: Image Processing
Research Interest: Artificial Intelligence, Neural Networks and Data Science.

ACHIEVEMENTS/ACCOMPLISHMENTS/AWARDS/RECOGNITION/GUEST LECTURES DELIVERED

- Session Chair for International Conference on Electrical, Electronics and Optimization Techniques (ICEEOT) -2016, Chennai, Tamil Nadu.
- Worked as Head, CSE Department from 2019 to 2020
- Department Coordinator for various Workshops and Technical activities
- Coordinator for organising one day National level workshop on Android & Mobile Application Development

PUBLICATIONS/PATENTS/BOOKS

ASSOCIATION WITH PROFESSIONAL BODIES

International Journals:

1. Nithyananda C R and Ramchandra A C, "Clustering based on Image Properties," *IOSR Journal of Computer Engineering*, 2016.
2. Nithyananda C R and Chethan, "An Analysis of the Effectiveness of Various Techniques in Reversible Watermarking in the Field of Image Processing and Biomedical Imaging," *International Journal for Scientific Research and Development*, vol. 2, pp. 295-298, 2014.
3. Nithyananda C R and Chethan, "Application of Binarization Techniques in Enhancing Luminance and Text Stroke in a Deteriorated Image Document," *International Journal of Engineering Research and Management*, vol. 1, pp. 163-166, 2014.
4. Nithyananda C R and Ramchandra A C, "Adaptive Image Enhancement using Image Properties and Clustering," *International Journal of Imaging, Graphics and Signal Processing*, 2016.

- Life-time Member of Computer Society of India, Bangalore

International Conference Papers:

1. Nithyananda C R and Ramachandra A C, "Analysis of Basic Image Enhancement Methods using Image Properties," *IEEE International Conference on Human Computer Interactions*, pp. 34-38, 2016.
2. Nithyananda C R and Ramachandra A C, "Analysis of Image Properties for Classifying Different Images into

Clusters (AIPCDIC),” *IEEE International Conference on Wireless Communications, Signal Processing and Networking*, 2016.

3. Nithyananda C R, Ramachandra A C and Preethi, “Survey on Histogram Equalization Method based Image Enhancement Techniques,” *IEEE International Conference on Data Mining and Advanced Computing*, pp. 150-158, 2016.
4. Nithyananda C R, Ramachandra A C and Preethi, “Review on Histogram Equalization based Image Enhancement Techniques,” *IEEE International Conference on Electrical, Electronics and Optimization Techniques*, pp.2512-2517, 2016.
5. Nithyananda C R, B Hemanth Ravichandra and B R Prasad Babu, “Steganography in Colour Image using Ncuts Technique,” *International Conference on Communication, Computation, Management and Nanotechnology*, pp. 25-30 ,2011

National Conference :

1. Nithyananda C R, Naveen L and B R Prasad Babu, “Implementation of Image Segmentation Algorithm in car plate Location and Character Extraction by Using Neural Network,” *National Conference on Communication and Computing*, pp. 355-361, 2011.
2. Nithyananda C R and Preethi, “Fuzzy Logic based Image Processing using Steganography,” *National conference on Artificial Intelligence and Information System*, pp. 36-42, 2012.

PROFESSIONAL COURSES COMPLETED

- Completed the course of Image Processing implementation using Visual C++.