




DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Accredited NBA, NAAC with A+, New Delhi

Faculty Name	Priya Nandihal	
Academic Designation	Assistant Professor	
Educational Qualification	BE, M. Tech,(Ph.D)	
Experience in Years	11	
Area of Interest	Image Processing	
Date of Birth	18/11/1982	
Email ID	talk2priya.nandihal@gmail.com	

Educational Details

- Ph.D - Pursuing in VTU (Waiting for Defence Viva)
- M.Tech (CNE) in Dayananda Sagar College of Engineering, Bangalore under VTU Belgaum 2012.
- B.E (CSc) in B.V. Bhoomaraddi college of Engineering and Technology under VTU Belgaum 2005.

Personal Details

- Date of Birth: 18/11/1982
- Hobbies: Baking, Travelling
- Languages Known: English, Kannada and Hindi

Professional Experience

- Worked as Lecturer in Computer Science & Engg at CITM, Faridabad from oct-2008 to Feb 2010
- Worked as Software Engineer at Opt Integrated Solutions, Hyderabad from Jan-2008 to Aug 2008
- Worked as Lecturer in Computer Science & Engg at T John College Institute of Technology from August-2007 to Oct 2007
- Worked as Lecturer in Computer Science & Engg at City Engg College from Feb-2007 to Aug 2007
- Worked as Faculty in ISCT, Dharwad from Oct-2005 to January 2007

Publications

International Journals:

- **Priya Nandihal**, BhaskaraRao “*2D Key Exchange Scheme Using Morphological Dilation*” article at International Journal of Computer Science Engineering and Technology in March 2012, Vol 2, Issue 3, pp 953-957.
 - **Priya Nandihal**, BhaskaraRao “*Diffie-Hellman Type 2D Key Exchange Scheme Using 2D Convolution*” article at International Journal of Computer Science Engineering and Technology in May 2012, Vol 2, Issue 5, pp1216-1219.
 - **Priya Nandihal**, Vandana S.Bhat, Jagadeesh D. Pujari, “*Markov Random Field Based Model in Spatial Domain for Denoising of Microarray Images*”, International Journal of Computer Sciences and Engineering, Vol.6, Issue.9, pp.324-328, 2018.
 - **Priya Nandihal**, Vandana S.Bhat, Jagadeesh D. Pujari, “*Applications of FFDNET for Denoising on Microarray Images*”, International Journal of Recent Technology and Engineering, Vol.8, Issue.3, pp.2691-2694, 2019. (**Scopus Indexed**).
 - **Priya Nandihal**, Vandana S.Bhat, Jagadeesh D. Pujari, “*Image Noise Type Identification in Microarray Images Using CNN-INC*”, International Journal of Advanced Trends in Computer Science And Engineering, ISSN 2278-3091, Vol. 9, Issue 4 , pp. 6279-6288, August, 2020.(Scopus Indexed).
- Priya Nandihal**, Vandana S.Bhat, Jagadeesh D. Pujari, “*Determination of Noise Type in Microarray Images Using Deep Learning Parameters Generated in a Denoising Scheme Using Markov Random Field*”, *Image and Vision Computing Journal* [Communicated] (**Scopus Indexed**).

International Conferences:

- **Priya Nandihal**, Manjunath SS, “*A Study on Denoising Techniques of Microarray Images*”, ICSIPCA 2017.(Grenze Publications).
- **Priya Nandihal**, Manjunath SS, Lalitha Rangarajan “*Heuristic approach to automatically Signal from Background in DNA Microarray images*” CCIP 2017 (SPRINGER).
- **Priya Nandihal**, Vandana S, Jagadeesh Pujari, “*Adaptive Min Max Thresholds Algorithm of Microarray Image Denoising Based on Nonsubsampled Contourlet Transform*” ICRTT 2018.

Conference Attended

- Attended 3 days International conference on Advanced Computing and Communication(ADCOM 2017) on “*Growing Challenges for Mining Digital Currencies and Security Issues*” at IIIT-B- Bangalore from 8th to 10th September 2017.

Seminar Attended

Workshop Attended

Patents published with All Details

- **Title:** A System and a method for selection of the higher education course using artificial Intelligence.
Application number: 202141036913
Status/Year: Published/2021
- **Name Of Article:** Face Mask
Design Number : 349964-001
Status : Inforce (upto 22/9/2031)
- **Name Of Article:** portable Solar Power Battery
Application Number : 352798-001
Status : Design Accepted and Published (Jan 2022)

Research Grants fetched with File No.

Student Project Funds Fetched with Grant No.**Consultancy Amount Fetched with Details****Awards****Academic Activity**

- E-Governance Coordinator
- NAAC
- Cultural

Faculty Development Activity/Workshops

- Attended 1day FDP program on “Digitalization and its impact” by Cognizant technology and solutions on 20th June 2017

Contact Details

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