DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE Affiliated to JNTU Kakinada)

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Name of the Faculty	Dr. Rajesh Gogineni
Designation	Associate Professor
Date of Joining	01-05-2021
Nature of Association	Regular
Department	Electronics and Communication Engineering
Email & Phone No	rgogineni9@gmail.com & 9010303888

Educational Background

1. Ph.D. - National Institute of Technology Karnataka, Surathkal
2. M.Tech (CSP) - VR Siddhartha Engineering College
3. B.Tech (ECE) – SSIET, Nuzvid.

Areas of Specialization: Signal Processing

Research Areas: Image Fusion, Optical Remote Sensing, Deep learning for Remote Sensing Applications

Total Experience: 17 Years

Teaching/Research Experience: 12 Years/5 years

Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering & Technology	Associate Professor	May 2021 - till date
2	Chalapathi Institute of Technology	Associate Professor	Aug 2020 – May 2021

3	NITK, Surathkal	Research Scholar	July2015- July 2020
4	PACE Institute of Science & Technology	Associate Professor	May 2012 - Jul 2015
5	Andhra Loyola Inst. of Engg. & Tech	Sr. Assistant Professor	Jun 2009 -Jul 2010
6	QIS CET, Ongole	Assistant Professor	Jun 2002 – May 2009

List of Publications (National and International Journals):

1. Gogineni R, Chaturvedi A. Sparsity inspired pan-sharpening technique using multi-Scale learned dictionary. ISPRS journal of photogrammetry and remote sensing. 2018 Dec 1; 146:360-72. **Elsevier, (IF - 6.97).**

2. Gogineni R, Chaturvedi A. A Robust Pan-sharpening Algorithm Based on Convolutional Sparse Coding for Spatial Enhancement. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing. 2019 Nov 1; 12(10): 4024-37. **(IEEE, IF- 3.4)**.

3. Gogineni R, Chaturvedi A, BS DS. A variational pan-sharpening algorithm to enhance the spectral and spatial details. International Journal of Image and Data Fusion. 2020 Nov 4:1-23.. **(**T&F, 2.4)

4. Rajesh Gogineni, Ashvini Chaturvedi (2021) A Practical Pan-sharpening Framework Based on Wavelet Transform and Convolutional Sparse Representation. IET image processing Feb 2: 14 (12) 1103-15**.** (IET , IF-2.47).

5. Gogineni R, Sangani DJ. A Two-Stage PAN-Sharpening Algorithm Based on Sparse Representation for Spectral Distortion Reduction. International Journal of Image and Graphics. 2021 Apr 22:2250007.

6. Dhara Sangani, Rajesh Gogineni, (2021) , A comprehensive review of pixel-level image fusion techniques, Image fusion, (under Review) (Elsevier-8.3)

Book Chapter:

1. Gogineni R, Chaturvedi A. Hyperspectral Image Classification. In Processing and Analysis of Hyperspectral Data 2019 Dec 13. Intech Open.

Achievements / Awards etc.

Dr. Rajesh Gogineni