DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY
(Approved by AICTE Affiliated to JNTU Kakinada)

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FACULTY PRPOFILE

Name of the Faculty	N.Nagaraju
Designation	Assistant Professor
Date of Joining	02-12-2019
Nature of Association	Regular
Email & Phone No	nagaraj.neela@diet.ac.in
Department	Electronics and Communication Engineering
Educational Background	1. Pursuing Ph.D at NIT, Goa (Hyperspectral image analysis) 2. M.Tech (Systems and Signal Processing) from JNTU, Hyderabad 3. B.Tech (ECE) from Acharya Nagarjuna University, Guntur
Areas of Specialization	Signal processing
Research Areas	Hyperspectral image analysis
Experience	15 Years

Sl. No	Institute	Designation	Period
1	Dhanekula Institute of Engineering & Technology, Ganguru	Assistant Professor	02-12-2019 - till date
2	Institute of Aeronautical Engineering, Hyderabad	Assistant Professor	12-07-2011 – 26-11-2019
3	YPR College of Engineering & Technology, Medak	Assistant Professor	15-07-2008 – 11-07-2011

List of Publications (National and International Journals):

1. Mohammad Ashfaq and N.Nagaraju, "B-lines detection in vivo lung using Morphological image processing" *International Research Journal of Engineering and Technology Volume: 7 Issue: 6 Pages: 6237-6244, 6/2020.*
2. N. Paparao, N. Nagaraju, M. Lakshmi Raviteja, Anandbabu Gopatoti "Processing Algorithm and Data Acquisition for Laser Range Sensor" *International Journal of Innovative Technology and Exploring Engineering Volume: 8 Issue: 3 Pages: 53-57, January 2019.*

3. N.Nagaraju, A.Sunil kumar, "Traffic Sign Recognization for Advanced Driver Assistant Using Image Recognization Technique"*Global Journal of Advanced Engineering Technologies Volume: 6 Issue: 3 Pages: 153-156, 8/2017.*
4. N Nagaraju, " Voice Recognition using Improved Relative Spectral Algorithm", *International Research Journal of Engineering and Technology Volume: 4 Issue: 5 Pages: 1626-1631, 5/2017.*
5. N NagaRaju M Varalakshmi, " Design of Speech Controlled Pick and Place Robot with Wireless Zigbee Technology", *International Journal of Scientific Engineering and Technology Research Volume:3 Issue:20 Pages:4062-4066, 2014.*
6. N NagaRaju, P Divya Reddy, "Energy Efficient Home Automation System using ZIGBEE and GPRS" *International Journal of Scientific Engineering and Technology Research Volume: 3 Issue: 23 Pages: 4603-4606, 2014.*
7. Ch Santhosh Kumar, TVB Phani Kumar, N NagRaju, "Microwave stepped impedance LPF design at 1.2GHz" *International Journal of Innovative Research in Science Engineering and Technology Volume: 2 Issue: 11 Pages: 6371-6377, 2013.*
8. N Nagaraju, T Satyasavitri, Ch A Swamy, "Image Registration using SIFT", *International Journal of Scientific Engineering and Technology Volume: 2 Issue: 7 Pages: 675-680, 2013.*

National/International Conferences ((National and International):

1. N Nagaraju, L Shruthi, MSD Hari, "Automation of Railway Crossing Gates Using LabVIEW" *International Conference on Communications and Cyber Physical Engineering 2018 Pages: 359-366 Publisher: Springer, Singapore, 2019.*
2. Reddy, D.L, Paramkusam, A.V, Nagaraju, N, "Wireless sensor networks algorithms to improve energy efficiency" *International Conference on Intelligent Sustainable Systems, ICISS 2017 Pages: 1164-1166, 2018.*

Achievements / Awards etc.,

1. **UGC NET Qualified** : December 2016.
2. **IEEE** : 99198737
3. **ISTE** : LM122183
4. **IAGNG** : 158024
5. **FDP's Attended** : 24
6. **STTP's** : 5
7. **Coursera Courses** : 8
8. **NPTEL Course** : 2
9. **Certified "System Software Design" Engineer by Centre for Development of Advanced Computing (CDAC) Hyderabad.**

N.Nagaraju