

## Department of ECE

**Name:** Dr D Naga Ravi kiran

**Designation:** Associate professor

**E-mail:** nagaravikiran.phd@gmail.com

**Qualification:** Ph.D

**Phone Number:**9490333365



### Faculty(Details)

#### International /National Journals:

1. D.Naga Ravikiran and Dr C.G. Dethe, “**Energy efficient data aggregation in sensor networks with optimized cluster head selection**” in International Journal of Computer, Electrical, Automation, Control and Information Engineering Vol: 9, No:6, 2015.
2. D.Naga Ravikiran and Dr C.G. Dethe, “**Fuzzy Rule Selection using LEACH Algorithm to Enhance Life Time in Wireless Sensor Networks**” in International Journal of Advances in Wireless and Mobile Communications. ISSN 0973-6972, Volume 10, Number 3 (2017), pp. 469-477.
3. D.Naga Ravikiran and Dr C.G. Dethe, “ **fuzzy rule selection using Artificial Bee Colony optimization algorithm** ” In International research Journal of Advanced Intelligence Paradigms, Inderscience publishers, Scopus indexed *Vol. 12, Nos. 1/2, 2019, pp 164-177* .
4. D.Naga Ravikiran and Dr C.G. Dethe, “**Improvements in Routing Algorithms to Enhance Lifetime of Wireless Sensor Networks**” In The International Journal of Computer Networks & Communications (IJCNC), Scopus indexed , March 2018, volume 10, Number 2 .
5. Dr D.Naga Ravikiran and U.Mounika “**A design of ATM monitoring and security system based on sensors using IoT**” In The International Journal of The International Journal Of Analytical And Experimental Modal Analysis (IJAEMA), UGC-CARE approved journal, January 2021, volume XIII, Issue 1, ISSN NO: 0886-9367.

#### Conferences Coordinated/Attended

1. D.Naga Ravikiran and D Prabhakar, “**Sparse channel estimation for massive MIMO OFDM systems**” In 2<sup>nd</sup> International conference on Recent challenges in science, engineering and technology (ICRCSET-2020) held at chalapathi institute of technology, Mothadaka, Guntur,

from 28<sup>th</sup> to 29<sup>th</sup> February, 2020

2. D.Naga Ravikiran and Dr C.G. Dethe, “ **fuzzy rule selection using Artificial Bee Colony optimization algorithm to enhance life time in multi hop wireless sensor networks** ” In 7<sup>th</sup> IEEE International Advanced Computing Conference (IACC- 2017) held at VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad, from 5<sup>th</sup> to 7<sup>th</sup> January, 2017.

**FDP's and Workshops Attended/Coordinated:**

1. Attended AICTE-ISTE short term training program on 5G cognitive training program conducted by Department of ECE, chalapathi institute of technology, Mothadaka, Guntur, from 17<sup>th</sup> to 22<sup>nd</sup> January , 2022
2. Attended Faculty development programme on Digital VLSI Design and Verification conducted by Department of ECE, Bangalore Institute of Technology in association with Entuple Technologies and IEEE-BIT CAS from 23-08-2021 to 28-08-2-2021.
3. Attended Faculty development programme on “Internet of Things” conducted by chalapathi institute of technology, Mothadaka, Guntur, from 09<sup>th</sup> to 11<sup>th</sup> January , 2020
4. Attended Faculty development programme on AI conducted by chalapathi institute of technology, Mothadaka, Guntur, from 24<sup>th</sup> to 29<sup>th</sup> May , 2020
5. Attended Faculty development programme on Machine learning and Artificial intelligence conducted by IEEE Bombay section from 23<sup>rd</sup> May 2020 to 27<sup>th</sup> May 2020
6. Attended and acted as Co-convener at the International conference on Recent challenges in science, engineering and technology (ICRCSET-2020) held at chalapathi institute of technology, Mothadaka, Guntur, from 28<sup>th</sup> to 29<sup>th</sup> February, 2020.
7. Attended and submitted research paper in “7th IEEE International Advance Computing Conference (IACC-2017) at VNRVJIET, Hyderabad from Jan 5<sup>th</sup> - 7<sup>th</sup> 2017.
8. Attended Two week Short Term Training Programme on Effective Research Methodology sponsored by ISTE, during 05-10-2015 to 16-10-2015 at Priyadarshini Institute of Engineering and technology, Nagpur, Maharastra.
9. Attended one day Research and Development facilitation workshop organized by The Institution of Engineers (India), Vijayawada local center, on 29-03-2015.

**Professional Memberships**

| S.No | Organization | Membership Number | Membership Type |
|------|--------------|-------------------|-----------------|
| 1    | ISTE         | LM117623          | Life time       |

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|---|-------|--------|-----------|
| 2 | IAENG | 293873 | Life time |
|   |       |        |           |