**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**



NAME: K. NAGANARASAIAH GOUD

DATE OF BIRTH:15-06-1984

DESIGNATION: ASSISTANT PROFESSOR

DEPARTMENT: ECE

EMAIL ID: knngoud@gmail.com

DATE OF JOINING:18-06-2012

EMPLOYEE ID:  AITS041017

## Academic Profile

| **Qualification** | **Name of the Board/University** | **YEAR** |
| --- | --- | --- |
| **Ph.D - pursuing** | **JNTUA, ANANTAPURAM** | **2020** |
| **M.TECH (Embedded Systems)** | **JNTUH, HYDERABAD** | **2010** |
| **B.TECH(ECE)** | **JNTU** | **2005** |

## Research Details

1. Areas of Specialization: MICROWAVE FILTERS
2. List of Publications:
3. Awards Received :00
4. Research Guidance:
5. No. of PhD Guided:
6. No. of M.Tech Guided: 10
7. No. of B.Tech Guided: 25
8. Details of Professional Membership:00
9. Subjects Taught : Microprocessor and Interfacing, Embedded Systems, Digital Signal Processing, Analog Communications, Electronic Circuits Analysis

## Publication Details

|  |  |  |
| --- | --- | --- |
| **Title** | **Publisher** | **Published Year** |
| 1. Design of Trisection Based Band Pass Filter for 5g Communication  2. Implementation of Band Pass Filter for Satellite Communications Using CSRR Technique  3. Design and Performance Analysis of Multi-Band Band Pass Filter Using Meander-Line Resonator  4. Preterm Birth Classification Using KNN Machine Learning Algorithm  5. Enhanced Security for Smart Door Using Biometrics and OTP  6. Intelligent medical system for automatic medicine recognition by a novel deep learning algorithm  7. A hybrid method for brain tumor classification  8. Design and Implementation of Indoor Environment Monitoring and Control System  9. Smart Home System for people with Multiple Disabilities Using Zig-Bee  10. Autonomous Safety and Security Systems in Vehicles  11. MSP430 Based Assistive Device for Blind and Deaf People  12. Arm Based Eyes-Free Interaction Model for Mobile Reading Devices  13. GSM based electronic voting machine using touch screen  14. Damage Detection of Railway Track by Sensor Using Advanced RISC Machine | Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering(ICCCE 2024)  Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering(ICCCE 2024)  Proceedings of the 6th International Conference on Communications and Cyber Physical Engineering(ICCCE 2024)  [Advances in Cognitive Science and Communications](https://www.springerprofessional.de/en/advances-in-cognitive-science-and-communications/24606146)  Modern Approaches in Machine Learning & Cognitive Science  [ICDSMLA 2020](https://link.springer.com/book/10.1007/978-981-16-3690-5)  The International journal of analytical and experimental modal analysis  http://www.ijetjournal.org/Special-Issues/NCETIMES/NCETIMES66  IJMETMR  IJMETMR  IJIRCCE  IJSR  IOSR Journal of Electronics and Communication Engineering  International Journal of Engineering Trends and Technology (IJETT)  IJES  IJETT | 2024  2024  2024  2023  2022  2021  2020  2018  2017  2016  2015  2014  2014  2013  2013 |

## Patent Details

| **Sno.** | **Title of Patent** | **Submitted/Published/Awarded** |
| --- | --- | --- |
| **1.** | Computer implemented method and system for processing qualitative  imaging to detect and forecast abnormalities | Publication Date: 20/09/2019 |
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