**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 Communication2. Implementation of Band Pass Filter for Satellite Communications Using CSRR Technique3. Design and Performance Analysis of Multi-Band Band Pass Filter Using Meander-Line Resonator4. Preterm Birth Classification Using KNN Machine Learning Algorithm5. Enhanced Security for Smart Door Using Biometrics and OTP6. Intelligent medical system for automatic medicine recognition by a novel deep learning algorithm7. A hybrid method for brain tumor classification8. Design and Implementation of Indoor Environment Monitoring and Control System9. Smart Home System for people with Multiple Disabilities Using Zig-Bee10. Autonomous Safety and Security Systems in Vehicles11. MSP430 Based Assistive Device for Blind and Deaf People12. Arm Based Eyes-Free Interaction Model for Mobile Reading Devices13. GSM based electronic voting machine using touch screen14. 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 analysishttp://www.ijetjournal.org/Special-Issues/NCETIMES/NCETIMES66IJMETMRIJMETMRIJIRCCEIJSRIOSR Journal of Electronics and Communication EngineeringInternational Journal of Engineering Trends and Technology (IJETT)IJESIJETT | 202420242024202320222021202020182017201620152014201420132013 |

## Patent Details

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