**ANNAMACHARYA UNIVERSITY FACULTY DETAILS FOR WEBSITE**

**About Profile**

NAME: Dr. K BALA

DATE OF BIRTH:30/08/1978

DESIGNATION: ASSOCIATE PROFESSOR

DEPARTMENT: CSE

EMAIL ID: kbalu443@gmail.com

DATE OF JOINING: 24/09/2022

EMPLOYEE ID: AITS041061

## Academic Profile

| **Qualification** | **Name of the Board/University** | **YEAR** |
| --- | --- | --- |
| Ph.D. | SSSUTMS (Sri SatyaSai University of Technology &MedicalSciences,Sehore) | 2021 |
| M.Tech(DECS) | S.K.T.R.M College of Engg, Kondair, Mahaboobnagar | 2012 |
| B.Tech (ECE) | J.N.T.U.A Ananthapur | 2000 |
| INTERMEDIATE(M.P.C) | A.P.R.J.C, Nagarjunasagar | 1996 |
| S.S.C | A.P.R.S, Srisailam | 1994 |

## Research Details

1. Areas of Specialization: Wireless communication
2. List of Publications: 5
3. Awards Received : -
4. Research Guidance:
5. No. of PhD Guided: -
6. No. of M.Tech Guided: 30
7. No. of B.Tech Guided: 32 Batches
8. Details of Professional Membership:
9. Subjects Taught: 1.Operating Systems,

2. Computer system Architecture,

3.Digitallogic& computer Organization,

4. Internet of Things 5.SS,6.EDC,7.DSP,

8.AWP, 9.MWE ,10.EMTL,11.LICA , 12 ES,

13.MP&MC ,14.AC,15,DC,16.STLD,

17.DLD,18 WC,19.DICA,20.CMC

## Publication Details

|  |  |  |
| --- | --- | --- |
| **Title** | **Publisher** | **Published Year** |
| 1.Optimized attention neural network based joint link misalignment and beam divergence power optimization for underwater optical wireless | Optical and Quantum Electronics, | 2024 |
| 2.EmotionRecognitionUsingSpeechProcessing | TELEMATIQUE | 2024 |
| 3.AHybridFusionmodelforBrainTumorImagesofMriandCT | The international journal of Analytical and experimental mode analysis | 2021 |
| 4.A STUDY OF WIRELESS HETEROGENEOUS NETWORKS WITH RESPECT TO SEAMLESS MOBILITY AND SECURITY PROVISIONING | THE JOURNAL OF ORIENTAL RESEARCH MADRAS | 2020 |
| 5.ASTUDYOFFASTERAUTHENTICATIONANDMINIMUMLATENCYDURING VERTICAL HANDOVER | NEW HORIZONS | 2019 |

## Patent Details

| **Sno.** | **Title of Patent** | **Submitted/Published/Awarded** |
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