Channabasaveshwara Institute of Technology

(Affiliated to VTU, Belgaum & Approved by AICTE, New Delhi)
(ISO 9001:2015 Certified Institution)
NH 206 (B.H. Road), Gubbi, Tumkur – 572 216. Karnataka

Faculty Profile

Name of the Teaching Staff	Chetan Balaji
Department	Computer Science and Engineering
E-mail	Chetan.balaji@cittumkur.org
Present Designation	Associate Professor
Google Scholar ID	MMyfP98AAAAJ
ORCID	0000-0001-7392-478X
VIDWAN ID	201474
Education Qualifications	1. UG: BE- Electronics and Communication 2. PG: M. Tech- Digital Electronics 3. Ph.D: Pursuing- Bio-Medical Signal Processing and applications

Work Experience in Years	
Teaching	16 Years
Research	01 Year
Industry	One year in SRA Software Developers- Nagoya- japan
Other	NA
Total	17 years
Area of Specialization	Bio-Medical Signal Processing
Publication Details	1. Chetan Balaji, Shantala C P, 2014. "An Outdoor Navigation with Voice Recognition Security Application for Visually Impaired People" in the IJETT Volume 10 Number 10 April 2014. ISSN: 2231-5381. 2. Shashikala V S, Chetan Balaji, Shantala C P, 2014. "Hiding Packets from the Attacker by using Cryptographic Methods" in the IJETT Volume 11 Number 05 May 2014. ISSN: 2231- 5381. 3. Ramya M G, Chetan Balaji, Girish L, 2015. "Environment Change Prediction to Adapt Climate Smart Agriculture Using Big Data Analytics" in the IJARCET Volume 4 Issue 5, May 2015. ISSN: 2278 – 1323. 4. Rashmi G, Chetan Balaji, Rashmi C R, 2015. "Human Emotion Classification from EEG using SVM and K-NN Classifier for BCI" in the IJARECE Volume 4, Issue 7, July 2015. ISSN: 2278 –909X. 5. Chetan Balaji, Dr Suresh D S, August 8th 2019." Implications of EEG and Speech Signal in the Analysis of Neurological Disorders-A Survey" ISSN: 2637-4579 in Open Access Journal of Biomedical Engineering and Biosciences, DOI: 10.32474/OAJBEB.2019.03.000165
	6. Chetan Balaji, Dr. Suresh D S, Multiclass Recognition of Alzheimer's and Parkinson's Disease using various Machine Learning Techniques- A Study: International Journal of Modeling, Simulation, and Scientific Computing- September 2021 VOL. 13, NO. 01 https://doi.org/10.1142/S1793962322500088

	7. Multi-class Recognition of Alzheimer's and Parkinson's diseases using Bag of Deep reduced Features (BoDrF) with Improved Chaotic Multi-Verse Harris Hawks Optimization (CMVHHO) and Random Forest (RF) based classification for early diagnosis, 24 Aug 2022.- Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization, DOI: 10.1080/21681163.2022.2111721
Professional Memberships	1. ISTE Life Member: LM 76788 2. IEI Associate Member: AM 162741-7 3. IEEE Member: 91300896 4. IETE Membership details F-503793
No. of Books published with details	NA
Book Chapters published	NA
Books Published	NA
Reviewer in Journal/Conference	✓ Reviewer for the journal **"Biomedical Engineering Online"** part of Springer Nature.
Patents	NA
Academic & Administrative Responsibilities	1. Training and Placement officer 2. NIRF Institutional Coordinator 3. ARIIA Institutional Coordinator 4. Alumni Association Coordinator 5. Youth Empowerment Cell- Head 6. IEEE SB Councillor
FDPs & Workshops Attended	✓ Short Term Training Program (STTP) for Faculty on **"Innovative Approaches in Teaching Pedagogy"** Phase –II and Phase-III from 14th June – 19th June (Six Days) and 24th June -30th June 2021 organized by Sahyadri College Mangalore in Association with AICTE. ✓ AICTE-ISTE Funded Induction Program on **"Future Wireless Communication"** from 24th May- 29th May 2021 organized by KSIT Bangalore. ✓ One-day Workshop organized by AICTE & Clarivate Analytics **on "Aiming for Excellence: Pathways to Institutional Advancement through Research"** on March 15, 2018, at Oxford Educational Institutions No: 32, 17th B Main, Sector 4, HSR Layout, Bengaluru 560102 ✓ **"Biomedical Signal Processing and Analysis for Cognitive Neuroscience Study"** held from 1st to 12th January 2018 at Poojya Doddappa Appa College of Engineering, Kalaburagi. ✓ **"Awareness of Accreditation in Engineering"** at BMSCE, Bangalore on 3rd July 2017. ✓ **"Research Methodology"** at CIT Gubbi on 19th and 20th August 2016. ✓ **"Open-Source Technologies for DSP and Image Processing Applications"** at CIT Gubbi on 27th and 28th July 2016. ✓ **"Wireless Sensor Networks and Applications"** at CIT Gubbi on 22nd and 23rd July 2016