



LINGARAJ APPA ENGINEERING COLLEGE , BIDAR

AICTE Approved , VTU Affiliated & Recognized by Govt. of Karnataka

Department of Electronics & Communication Engineering

FACULTY PROFILE

1. Name in Full : Dr. JALADI VIVEK



2. Contact Number: 9986291615

3. Email ID: vivec53@gmail.com

4. Date of Birth : 13/12/1986

5. Address for communication: HOD and Associate Professor, Department of H&S, Lingaraj Appa Engineering College, Bidar, Karnataka, 585403.

6. Educational Qualifications:

Sl.NO	Degree	University/Institution	Year	Specialization
1	Ph.D	VTU, Belagavi	2022	Image Processing
2	M.Tech	VTU, Belagavi	2011	Digital Electronics & Communication
3	B.E.	VTU, Belagavi	2008	Electronics & Communication

7. Details of Employment:

Sl.NO	Name of the Institution	Period		Designation
		From	To	
1	Lingaraj Appa Engineering College, Bidar	31/01/2023	Till Date	HOD & Professor
2	Lingaraj Appa Engineering College, Bidar	01/06/2022	31/01/2023	HOD & Associate Professor
3	Lingaraj Appa Engineering College, Bidar	01/02/2012	31/05/2022	HOD & Assistant Professor
4	Lingaraj Appa Engineering College, Bidar	01/09/2011	31/01/2012	Assistant Professor
Total Experience in years				15 years

8. Date of service in this Institution: 02/09/2011

9. Total experience in years: 15 years

10. Subjects of Interest: Digital circuits, Analog communication, Digital Communication, Digital Image Processing

11. Publications in National and International Journals & Conferences:

1. Vivek Jaladi, Baswaraj Gadgay: "Video Steganography using Chaos Encryption Algorithm with High Efficiency Video Coding for Data Hiding" in *International Journal of Intelligent Engineering and Systems*, Vol.14, No.5, 2021.
2. Vivek Jaladi, Baswaraj Gadgay: "Reversible and tunable data hiding with advanced video coding" in *International Journal of recent technology and engineering (IJRTE)*; ISSN: 2277-3878, Vol.8, Issue-5, pp: 2056-2063, January 2020.
3. Vivek Jaladi, Baswaraj Gadgay: "Analysis of Reversible Data Hiding and Data Scrambling-Embedding Technique" in *International Journal of Interdisciplinary research and Innovations*; ISSN 2348-1218(print); ISSN 2348-1226(online), Vol.7 ,Issue 2 ,pp.:(262-267), April-June2019.
4. Vivek Jaladi, Baswaraj Gadgay: "A brief survey on Data Hiding Methods", in *International Journal of innovative research in technology*; ISSN 2349-6602, Vol.4 ,Issue 10 , March 2018.
5. Vivek Jaladi, K Pooja: "Implementation and Comparison of Radix-2,Radix-4 and Radix-8 FFT Algorithm", in *International Journal of Ethics in Engineering and Management Education*;ISSN:2348-4748,Vol. 2, Issue 8, July 2015, pp.40-44.
6. Vivek Jaladi, Avinash:"Pixel Masking Based Data Hiding Technique", in *International Journal of Science & Research*; Online ISSN:2319-7064,Vol.4, Issue8, August 2015.
7. Vivek Jaladi, Sushasini A: "Face Obfuscation Based Reversible Watermarking for Lossless Image Compression" in *International Journal of Science & Research*; Online ISSN:2319-7064,Vol.4, Issue8, August 2015.
8. Vivek Jaladi, Suhasini A: "Face Obfuscation Based Reversible Watermarking for Tamper Proof eradication" in *International Journal of Research in Engineering & Technology*; ISSN:2321-7308,Vol.4, Issue5,NCATECS, 2015.
9. Vivek Jaladi: "Data Hiding Technique Using Pixel Masking & Message Digest Algorithm" in *IJMETMR*;ISSN:2348-4845.
10. Vivek Jaladi: "Hiding a image into multiple videos using Message Digest Algorithm", in *IJMETMR*;ISSN:2348-4845.
10. Vivek Jaladi, Baswaraj Gadgay: "Distortion Controlled Secure Reversible Data Hiding in H.264 videos" in *3rd International Conference on Data, Engineering and Applications 2021 (IDEA-2k21)*, Bhopal India; Springer, Oct 08-09, 2021.
11. Prashant Bachanna, Vivek Jaladi and Sharanbasappa Shetkar: "Design and analysis of high speed low power reusable on chip bus based on wishbone", in *IEEE International Conference on Signals and Image Processing*, DOI 10.1109/ICSIP.2014.37, 2014.

Patents Published:

1. Vivek Jaladi, Baswaraj Gadgay: “Reversible and tunable scrambling embedding method on video files”, application no: 202141030019 dated 16th July 2021, published.
2. Vivek Jaladi, Baswaraj Gadgay: “Distortion Controlled Secure Reversible Data Hiding using Advanced Video Coding”, application no: 202141040508 dated 24th September 2021, published.

12. Books published : No**13. Workshop/Seminar Conducted:**

- Organized Two days National level workshop on **Cloud Computing** at Department of Computer Science and Engineering, Lingaraj Appa Engineering College Bidar held on 19th and 20th September 2014.
- Organized Two days National level workshop on **Industrial Automation on PLC & SCADA** at Department of Electrical and Electronics Engineering , Lingaraj Appa Engineering College Bidar held on 30th September and 1st October 2014
- Organized Two days National level workshop on **Recent Trends in Design Engineering and Technology** at Department of Mechanical Engineering, Lingaraj Appa Engineering College Bidar held on 17th and 18th October 2014.
- Organized Two days National level workshop on **Recent Trends in VLSI Design** at Department of Electronics and Communication Engineering , Lingaraj Appa Engineering College Bidar held on 20th and 21st October 2014.
- Organized Two days National level workshop on **Cement and Concrete** at Department of Civil Engineering, Lingaraj Appa Engineering College Bidar in association with Tools Academy Bangalore held on 29th and 30th October 2014
- Organized one day National level workshop on **Entrepreneurship Development** at Department of MBA, Lingaraj Appa Engineering College Bidar held on 5th November 2014.
- Organized One day National workshop on **Cement and its Application** at Department of Civil Engineering, Lingaraj Appa Engineering College Bidar in association with JK Cement held on 23rd February 2015.
- Organized Two days National level workshop on **Recent Development in Science And Technology** at Department of Humanities and Science , Lingaraj Appa Engineering College Bidar held on 28th and 29th September 2015.

- Organized Two days National level workshop on **Lab View & Its Application** at Department of Electrical and Electronics Engineering, Lingaraj Appa Engineering College Bidar held on 30th September and 1st October 2015.
- Organized Two days National level workshop on **Advance Microcontrollers And it's Applications** at Department of Electronics and Communication Engineering , Lingaraj Appa Engineering College Bidar held on 11th and 12th March 2016
- Organized Two days workshop on **Emerging Trends in Quality Improvement and Production Performance** at Department of Mechanical Engineering, Lingaraj Appa Engineering College Bidar held on 21st and 22nd March 2016
- Organized one day National level workshop on **Career Guidance- Next Step in Technology and Management** at Department of MBA, Lingaraj Appa Engineering College Bidar held on 30th March 2016.
- Organized Two days workshop on **NS-II** at Department of Computer Science and Engineering, Lingaraj Appa Engineering College Bidar held on 21st and 22nd April 2016
- Organized **Annual Day & Yukti-2016** at Lingaraj Appa Engineering College Bidar as a Co-convener held on 13th and 14th May 2016
- Organized One day National workshop on **Cement and its Application** at Department of Civil Engineering, Lingaraj Appa Engineering College Bidar in association with JK Cement held on 24th March 2017
- Organized Two days workshop on **Applications of Design in Product Development** at Department of Mechanical Engineering, Lingaraj Appa Engineering College Bidar held on 3rd and 4th April 2017
- Organized **Annual Day & Yukti-2017** at Lingaraj Appa Engineering College Bidar as a Co-convener held on 23rd to 25th May 2017
- Organized **Annual Day & Yukti-2018** at Lingaraj Appa Engineering College Bidar as a Co-convener held on 15th to 17th May 2018
- Organized **Annual Day & Yukti-2019** at Lingaraj Appa Engineering College Bidar as a Co-convener held on 16th to 18th May 2019
- Organized VTU TEQIP 1.3 Sponsored Three Days Workshop on **Recent Trends in IT Industry** at Department of Computer Science Engineering College ,Lingaraj Appa Engineering College Bidar held on 19th to 21st October 2019.
- Organized **National Conference Recent Trends in Engineering & Management Studies(RTEMS)-2022** at Lingaraj Appa Engineering College Bidar held on 12th & 13th April 2022

14. Training Programs/Workshops/Seminars/STTPs/Symposiums/Webinars attended.

- Attended TEQIP sponsored five days Faculty Enrichment Program on “SIGNALS & SYSTEMS” from 16th to 20th January 2018 organized by Department of Electronics & Communication Engineering at Visvesvaraya Technological University Belagavi.
- Participated in State Level One Week Faculty Development Program on “EFFECTIVE TEACHING, LEARNING & RESEARCH SKILLS TOWARDS GLOBAL STANDARDS” from 19th to 24th July 2016 organized by AIET Kalaburagi in association with IETE New Delhi, ISTE Bangalore Chapter.
- Participated in State Level One Week Faculty Development Program on “EMERGING TRENDS IN TEACHING, LEARNING & RESEARCH” from 4th to 9th January 2016 organized by AIET Kalaburagi in association with GECW Kalaburagi.
- Participated in State Level One Week Faculty Development Program on “EFFECTIVE TEACHING, LEARNING & RESEARCH SKILLS TOWARDS GLOBAL STANDARDS IN HIGHER EDUCATION” from 8th to 13th January 2015 organized by AIET Kalaburagi in association IETE New Delhi, ISTE Bangalore Chapter, VTU.
- Two days Faculty Development Program on “NuEdu-SDK-Nuc472 ARM Cortex M4” from 21st to 22nd November 2014 organized by Department of PG Studies, VLSI Design & Embedded Systems, VTU, Belagavi, in association with M/S Nuvoton Technology Corporation, Taiwan.
- Two Days National Level workshop on “RESEARCH METHODOLOGY” from 23rd to 24th August 2014 organized by Department of Electronics & Communication Engineering , Appa Institute of Engineering & Technology, Gulbarga
- Participated in Two-Week AICTE Sponsored Faculty Development Programme on “ADVANCED COMMUNICATION TECHNOLOGIES” organized by Department of Electronics & Communication Engineering at RNSIT Bengaluru.

- One Week VTU-VGST Faculty Development Program on “MICRO AND NANO ELECTRONICS” from 06th Aug -9th Aug 2013 organized by Department of Electronics & Communication Engineering Guru Nanak Dev Engineering College Bidar.
- International Conference on Convergence of Science & Engineering in Education & Research a Global Perspective in the New Millennium between April 21-23, 2010 at Dayanand Sagar Institutions Bangalore.
- Fifth International Conference on Signal & Image Processing on 8th-10th January at BNMIT Bangalore.
- National Conference on Advanced Trends in Electronics & Computer Science held during 9th & 10th May 2015 at Basavakalyan Engineering College Basavakalyan.

DUTIES AND RESPONSIBILITIES DISCHARGED AS ASSOCIATE PROFESSOR AND HOD

- Worked as In-charge Principal
- Worked as Internal DCS
- Worked as a Chief Superintendent
- Worked as QPDS Incharge
- Worked as a EMS Coordinator
- Worked as a AICTE Coordinator
- Worked as a VTU Coordinator
- Worked as Admission Cell Coordinator

SUBJECTS HANDLED

- Basic Electronics
- Signals & Systems
- Digital Image Processing
- Embedded Systems
- Principles of Communication System
- Operating Systems