

Centenary Celebrated Sharnbasveshwar Vidya Vardhak Sangha's



LINGARAJ APPA ENGINEERING COLLEGE , BIDAR

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

DEPARTMENT OF E&CE

FACULTY PROFILE

1. Name in Full : Chaya B.
2. Contact Number: 9481429203,7975795820
3. Email ID: chayabhavi@gmail.com@gmail.com
4. Date of Birth : 12/12/1987
5. Address for communication: Assistant Professor, Department of E&CE,
Lingaraj Appa Engineering College , Bidar. Karnataka, 585403.



6. Educational Qualifications:

SI.NO	Degree	University/Institution	Year	Specialization
1	(Ph.D)	VTU	--	VLSI
2	M.Tech	VTU	2011	Digital Communication
3	B.E	VTU,Belgavi	2009	Electronic and communication

7. Details of Employment:

SI.NO	Name of the Institution	Period		Designation
		From	To	
1	Lingaraj Appa Engineering College, Bidar	01/12/2021	Till Date	Assistant Professor
2	Qtpi robotics Banglore, (Trainer in GNPS, Bidar)	01/06/2018	28/04/2019	Trainer
3	Lingaraj Appa Engineering College, Bidar	01/05/2012	30/02/2013	Assistant Professor
4	Bheemanna khandre Institute of Technology, Bhalki	01/04/2011	31/04/2012	Assistant Professor
Total Experience in years				8 years

8. Date of service in this Institution: 01/05/2012

9..Total experience in years : 8 years

10. Subjects of Interest:

- Logic Design,VLSI, Signals and System, Digital Signal Processing, Network Analysis
Control system,Computer Networks, Embedded system .

11. Publications in National and International Journals & Conferences:

➤ **Publications in National and International Journals:**

1. International Journal of Computer Applications (0975 – 8887) Volume 59– No.14, on “Quantum Cost Realization Of Reversible Barrel Shifter ”.
2. International Journal Of Communication Networks And Information Security ,2024, 16(S1) ,Issn: 2073-607X,2076-0930,FPGA Implementation Of Anti-logarithmic Computation Using Fixed Point Architecture At Soc Integration Chaya Bhavi1 , Anuradha M. Sandi2.
3. International Journal Of Applied Mathematics Volume 38 No. 12s, 2025 Issn: 1311-1728 (Printed Version); Issn: 1314-8060 (On-Line Version) Received: Aug 10 2025, “An FPGA based Fixed-Point Architecture For Binary Anti-logarithmic Computation Using Leading-One Detection And BIST.

➤ **Conferences:**

1. “Conference on evolutionary trends in information technology” or “CETIT”, held at “VTU Jnana Sangama”, Belgaum on 20th-22nd may 2011 on “Quantum Cost Realisation on Barrel Shifter”.
2. Presented paper on National Conference Recent Trends in Engineering & Management Studies(RTEMS)-2022 at Lingaraj Appa Engineering College Bidar held on 12th & 13th April 2022, Title of the paper is “An FPGA based Fixed-Point Architecture For Binary Anti-logarithmic Computation”.

12. Books published : No

13. Workshop/Seminar Conducted: No

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

- Participated in Three days workshop on **Embedded IOT Application Design & Development** at Department of Electronics & Communication Engineering, at Lingaraj Appa Engineering College Bidar held on 20, 21th and 22th may 2024.
- Participated in 10 days training on Stem Robotics from 1-4-2025 to 16-4-2025 organized by IEEE Kalinga University
- “FDP on Artificial Intelligence and Deep Learning “ 5 days from 9-07-2024 to 14-07-2024, FETW , Sharanbasva University Kalburgi
- FDP on Designing and Implementation of Software Defined Radios for OFDM,VLS & FSO Communications 05 days 03-10-2023 to 07-10-2023 FETW , Sharanbasva University, Kalburgi.
- FDP on “ Inculcating Universal Human Values in Technical education”, 03 days from 06-11-2023 to 08-11-2023, Organized by AICTE at Lingaraj Appa Engineering Collge Bidar.
- FDP on Recent Innovations and Trends in Antenna Design, 05 days from 03-01-2024 to 07-01-2024, FETW , Sharanbasva University, Kalburgi
- FDP on ‘ Idea Generation Methods “, 03 days from 10-01-2023 to 12-01-2023, ICT Academy at Sharanbasava University.
- FDP on “LLMs to Agenetic AI System Comprehensive Curriculum ,05 days from 12-12-2022 to 16-12-2022.
- Artificial Intelligence & Machine Learning, 26-12-2025, 5 Days, Mr. Bhargav p raj AI Engineer, Cadmax solutions pvt

15. AWARDS/ACHIEVEMENTS:

1. “Best Teacher Award-2024-2025” on the occasion of Teachers Day at Lingaraj Appa Engineering College Bidar.
2. Details of Memberships in Professional Societies:
 - IETE-504902:Life Member
 - IEEE-98632632-Member

16. Any other information :

- Number of Projects Guided at Graduate level: 4
- Number of Internships Guided at Graduate level: 4
- I worked as External DCS
- I worked as a RTEMS Conference Coordinator
- I worked as a Workshop Coordinator

17. DUTIES AND RESPONSIBILITIES DISCHARGED AS ASSOCIATE PROFESSOR AND HOD

18. SUBJECTS HANDLED

- **Network Analysis**
- **Control System**
- **Embedded System**
- **Computer Networks & Protocol**
- **Information Theory & Coding**
- **Advance VLSI**
- **Indian knowledge System**

Signature of Faculty

Signature of the Chairperson