



# LINGARAJ APPA ENGINEERING COLLEGE , BIDAR

Approved by AICTE, Recognized by Govt. of Karnataka

VTUAffiliated

## FACULTY PROFILE

1. Name in Full : Dr. Sagarkumar Buyya



2. Contact Number: 9844774387

3. Email ID: [sagar.buyya@gmail.com](mailto:sagar.buyya@gmail.com)

4. Date of Birth : 25/12/1984

5. Address for communication: Associate Proff in ECE Dept, Lingaraj Appa Engineering College, Bidar.

Karnataka- 585403

### 6. EDUCATIONAL QUALIFICATIONS:

| SL.NO | Degree | University/Institution                         | Year | Specialization                            |
|-------|--------|------------------------------------------------|------|-------------------------------------------|
| 1     | Ph.D   | Visvesvaraya Technological University, Belgavi | 2024 | Machine Learning.                         |
| 2     | M.Tech | Visvesvaraya Technological University, Belgavi | 2012 | Digital Communication.                    |
| 3     | B.E    | Visvesvaraya Technological University, Belgavi | 2007 | Electronics and Communication Engineering |
| 4     | PUC    | National composite PU College                  | 2002 | -                                         |
| 5     | SSLC   | Vidyaranya High School                         | 2000 | -                                         |

### 7. DETAILS OF PREVIOUS EMPLOYMENT:

| Sl.NO | Name of the Institution                 | Period     |            | Designation     |
|-------|-----------------------------------------|------------|------------|-----------------|
|       |                                         | From       | To         |                 |
| 1     | Lingaraj Appa Engineering College Bidar | 01/09/2012 | 30/08/2024 | Asst. Prof.     |
| 2     | Lingaraj Appa Engineering College Bidar | 01/09/2024 | Till Date  | Assco.Professor |
|       |                                         |            |            |                 |

**8. Date of service in this Institution:** 01/08/2012

**9. Total experience in years :**14 years

**10. Subjects of Interest:** Microcontrollers

DSP Algorithm and Architecture

Radar

Digital Signal Processing

Microprocessor

# **11. PUBLICATIONS IN NATIONAL AND INTERNATIONAL JOURNALS & CONFERENCES:**

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

- A research article title “On Realizing Costs from Shift in Security Values with Shift of Time Frames Using Virtual Currencies” Published in International Journal of Advance Research in Engineering and Technology (IJARET). Volume 11, Issue 7, July 2020 published by Mr. Sagar Buyya, Dr. Baswaraj Gadgay, Dr. Shubhangi Digamber Chikte with DOI: <http://doi.org/10.17605/OSF.IO/AUP92>.
- A research article title “To Reduce The Error Proportion in Predicting For the Future Stock Prices” A ES Volume: 54, Issue: 02, December 2022 published by Mr. Sagar Buyya Buyya, Dr. Baswaraj Gadgay, Dr. Shubhangi Digamber Chikte with ISSN:2096-3246
- A research article title “Stock Market Prediction Method Obtains Accurate Stock Prediction Prices and Measures Performance”, published in Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology. Volume 54, Issue 5, 2022, published by Mr. Sagar Buyya, Dr. Baswaraj Gadgay, Dr. Shubhangi Digamber Chikte with ISSN: 0367-6234
- A research article title “The Cost Realization on Time Frame Shift of Securities” Volume: 44 No. 3(2023), 2023 published in Tuijin Jishu/Journal of Populsion Technology. Published by Mr. Sagar kumar Buyya, Dr. Baswaraj Gadgay, Dr. Shubhangi Digamber Chikte with ISSN: 1001-4055.

## ● **Conferences:**

1. “Presented paper on National Conference Recent Trends in Engineering & Management Studies(RTEMS)-2022 at Lingaraj Appa Engineering College Bidar held on 12<sup>th</sup> & 13<sup>th</sup> 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**

**1. 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, 21<sup>th</sup> and 22<sup>th</sup> 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

14. Details of Memberships in Professional Societies:

- IETE-504902: Life Member
- IEEE-98632632-Member

**15. 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, 21<sup>th</sup> and 22<sup>th</sup> May 2024.
- 1 Day FDP on NEP 2020: Touching ICEBURG 6<sup>th</sup> Jan 2023 at Lingaraj Appa Engineering College.
- VTU HUMAN RESOURCE DEVELOPMENT CELL (VTU-HRDC)-Effective Teaching Techniques in Digital Signal Processing 26<sup>th</sup> to 30<sup>th</sup> August-2019. Muddenhalli Chikkaballapur.
- 3 days FDP on Embedded system design using ARM CORTEX M3 29<sup>th</sup> to 31<sup>st</sup> January 2018.
- One week State level FDP on Emerging Trends in Teaching, Learning and Research. 4<sup>th</sup> to 9<sup>th</sup> Jan 2016.
- One week State level FDP on Effective Teaching Learning and Research Skills towards Global Standards in Higher Education. 8<sup>th</sup> to 13<sup>th</sup> Jan 2015
- Department of PG studies, Regional Office, Kalburgi- Role of Teachers: Challenges and Opportunities in Technology 7-May-2014 to 10-5-2014.
- One week FDP from 15<sup>th</sup> Jan to 24<sup>th</sup> Jan -2013 at Appa Institute of Engineering and Technology Kalburgi.
- State level one week program on Effective teaching, learning and research skills towards global standards. 19<sup>th</sup> to 24<sup>th</sup> July 2016. Organized by AIET.
- 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

**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 Internal Chairperson

I worked as a Workshop Coordinator