



CURRICULUM VITAE

Name:	Dr. B.I.Kattimani	
Designation:	Associate Professor	
Department:	Electronics and Communication Engineering	
Specialization & Research Interests:	Fractal Microstrip Antenna, Microwave Antennas Signal Processing, Cloud Computing, Wireless Sensor Network.	
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2. ACADEMIC QUALIFICATION (in reverse Chronological order):

Degree	Year	University/Board
Ph.D.	2023	VTU, Belagavi
M.Tech.	2008	VTU, Belagavi
B.E.	2005	VTU, Belagavi

3. ANY OTHER QUALIFICATION:**4. PROFESSIONAL EXPERIENCE:**

Organization/Institute/University	Position Held	Duration
Hirasugar Institute of Technology, Nidasoshi	Associate. Professor	01-01-2025 to till date
Maratha Mandal Engineering College,Belagavi	Associate. Professor	12-08-2024 to 18-12-2024
VSM's Somashekar R Khothiwale Institute of Technology, Nipani	Associate. Professor	03-10-2023 to 31-07-2024
Jain college of Engineering, Belagavi	Associate. Professor	28-10-2022 to 30-09-2023
VSM's Somashekar R Khothiwale Institute of Technology, Nipani,	Assistant Professor	02-07-2012 to 08-10-2022
Rural Engg Collage Hulkoti	Lecturer	06-08-2008 to 30-06-2012

5. ADMINISTRATIVE ASSIGNMENTS:

Position Held	Duration	Nature of Work
HOD	15-07 2021 to 08- 10 2022	--
Dean Academic	3-10-2023 to 31- 07 2024	--
Admission Co-Ordinator	3-10-2023 to 31- 07 2024	--

6. COURSES TAUGHT:

- Electromagnetic Waves
- cryptography
- Basic Electronics
- Basic Electrical
- Electronics Principle and Circuit
- Operating Systems
- Digital Signal Processing
- Computer Communication Networks
- Digital Communication
- Information theory and Coding
- Optical and Satellite Communication
- Principle of Communication System
- Microwave Antenna
- Power Electronics

7. RESEARCH SUPERVISION:**A. Ph.D.:**

- i. Awarded : ---
- ii. Submitted : ---
- iii. Ongoing : ---

B: M.Tech.

- i. Awarded : ---
- ii. Submitted : ---
- iii. Ongoing : ---

C. BE/B.Tech Degree Oriented (Bachelor Level Dissertation):

- i. Awarded : 14
- ii. Submitted : --

iii. Ongoing : 01

8. CONTRIBUTION TO CORPORATE LIFE OF THE INSTITUTE:

9. MEMBERSHIP OF SOCIETIES/PROFESSIONAL BODIES:

- IEEE Membership No: 99086612.

10. PUBLICATIONS:

A. BOOKS/MONOGRAPHS:

1. Authored:

2. Edited:

B. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:

1. Bharamappa Kattimani, and Rajendra R. Patil. "Design and Fabrication of Microstrip Hexagonal Fractal Array Antenna for Wideband Applications." In 2023 2nd International Conference on Signal and Data Processing, pp. 47-57, Lecture Notes in Electrical Engineering (LNEE) Book series, volume 1026, Springer Singapore Print ISBN: 978-981-99-1409-8, http://doi.org/10.1007/978-981-99-1410-4_5, published online 28 June 2023 (Scopus, h-index40).
2. Bharamappa Kattimani, and Rajendra R. Patil. "Gain and Bandwidth Enhancement of Sierpinski Carpet Based Fractal Patch Antenna Using Stacked Configuration." In 2023, 2nd International Conference for Innovation in Technology (INOCON) Bangalore, india 2023 pp. 1-5. <http://doi.org/10.1109/INOCON57975.2023.10101022>, IEEE, April 2023 SCOPUS.
3. Bharamappa Kattimani, Rajendra R Patil, "A Miniaturized Design of Vicsek Snowflake-Box Fractal Microstrip Patch Antenna using Defective Ground Structure for Wireless Applications" International Journal of Microwave and Wireless Technology, volume15,

Special Issue1: EuCAP 2021 Special Issue, February 2023, pp.112-119.
<https://doi.org/10.1017/S1759078722000083>, SCOPUS.

4. Bharamappa Kattimani, Rajendra R Patil, "Bandwidth Enhancement of Microstrip Antenna Using Fractal Geometry for S- Band Applications", (Scopus, h-index 25) SN Computer Science Springer Nature, <http://doi.org/10.1007/s42979-021-00675-9>, Published online 20 May 2021, SCOPUS.
5. Bharamappa Kattimani, Jagadeesh S, "Gain Enhancement of Microstrip Antenna using", EBG Structure for Wi-Fi Application", International Journal of Engineering and Advanced Technology (IJEAT), Volume-9 Issue -1, October 2019.
6. Bharamappa Kattimani, Rajendra R Patil, "Sierpinski Square Carpet Fractal Microstrip Antenna for WLAN Application", International journal of Engineering Research & Technology (IJERT) ISSN:2278-0181 Volume 8, Issue13.
7. Bharamappa Kattimani "Plus shaped slotted fractal Microstrip Antenna Design for Wireless Applications. " International journal Trendy Research in Engineering and Technology Volume 8 Issue No:2582-0958 Page 27-31 Published in 2024.

C. PAPERS IN CONFERENCES PROCEEDINGS:

1. Presented one day national Conference on "Microwaves and Antennas" title of the paper "Review on microstrip patch antenna using various feeding technique" held at PESIT Shivamogga, on 30th April, 2019.
2. Presented National Conference on "Communication and Data Science" title of the paper "Design of Sierpinski square fractal microstrip patch Antenna with parasitic Elements For Wireless Applications" held at GSSSIETW MYSURU, on 15th July 2020.
3. Presented two days 2nd International Conference on "Adaptive Computational Intelligence" title of the paper "Bandwidth Enhancement of Microstrip Antenna Using Fractal Geometry for S - Band Applications" (ICACI - 2020) held at GSSSIETW MYSURU, on 15 & 16 DEC 2020.
4. Presented two days 2nd International Conference on Signal & Data Processing ICSDP (2022) title of the paper "Design and Fabrication of Microstrip Hexagonal Fractal Array Antenna for Wideband Applications" held at VIT Bhopal, on 10th & 11th June 2022.

5. Presented National Conference on “Communication and Data Science” title of the paper “Design of Plus Shaped Slotted Fractal Microstrip Antenna for Wireless Applications” held at GSSSIETW MYSURU, on 25th April 2024.

11. Patents/Copyrights/IPR (If Any)

1. Title: “The design and implementation of a Human resource optimization and decision System using artificial intelligence Algorithms”.

Application No.: 202441001279

Publication Date: 09/02/2024.

2. Title: “Intelligent model for automated malaria detection using Convolutional neural networks”

Application No.: 202411042662

Publication Date: 14/06/2024.

12. INVITED TALKS

13. RESEARCH PROJECTS (COMPLETED/ONGOING):

14. PARTICIPATION & PRESENTATIONS IN SEMINARS /SYMPOSIA/ WORKSHOPS/ CONFERENCES:

Sl. No	Topic	Period		Venue
		From	To	
1	Recent Trends in MEMS/NEMS Technology for Biomedical Applications”	16-10-2023	21-10-2023	STJIT Ranebennur
2	Realization of 2x2MIMO system on SDR using Graphical System Design	06-09-2022	10-09-2022	GSSSIETW, Mysuru
3	Strategic planning and implementation of OBE in NEP-2020	22-08-2022	23-08-2022	Methodist college of Engineering & Technology.
4	Revised Accreditation Framework	05-01-2022	05-01-2022	VSMSRKIT, Nipani

5	Digital VLSI Design and Verification	23-08-2021	27-08-2021	BIT, Bangalore
6	Implementation of National Education Policy -2020	10-12-2021	11-12-2021	BIET Davangere
7	Intellectual property rights	24-05-2020	24-05-2020	SGBIT Belagavi
8	Institutional Development through Research	01-04-2017	02-04-2017	KIT Kolhapur
9	Artificial Neural Network and its Application	28-04-2016	28-04-2016	Bearys institute of tech Mangalore
10	PCB Process Automation	24-06-2015	27-06-2015	PESITM Shivamogga
11	Research Methodologies & effective teaching skills	08-02-2013	08-02-2013	VSMIT Nipani
12	Artificial neural network its applications	17-09-2010	18-09-2010	STJIT Ranebennur

15. AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS:

- 1) Awarded as best paper presenter for the paper titled "Design of Sierpinski Square Fractal Microstrip Patch Antenna with Parasitic Elements for Wireless Applications" in 3rd National Conference on communication and Data science 2021 (NCCDS-2021) organized by GSSSIETW, Mysuru on 10th July 2021.
- 2) Member of Organizing Committee in the IEEE 5th INCET(International Conference for Emerging Technology) 2024 at Jain College of Engineering, Belagavi.

16. ANY OTHER SIGNIFICANT INFORMATION:

- IEEE Membership No: 99086612
- NPTEL Exam Qualified on Teaching and Learning Education (TALE).
- Research Supervisor at VTU Research Center r
- As Reviewer in many IEEE International Conference such as ICWITE, ICDSNS, CAISC, NKCON-2023.



Dr. B.I. Kattimani