

Curriculum Vitae

1. Personal Information

- **Name:** Dr.Padma Ramkrushna Bagde
- **Position:** Assistant Professor
- **Department:** Electronics and Telecommunication.
- **Contact Information:** padmabagde@gmail.com, bagdepadma@sngs.ac.in.
SNGS college of engineering and technology vishnupuri,Naded
- **2. Educational Background**

Examination	Name of the Institute/University/Board	Subject / Specialization/ Branch	Year of Passing	Percentage of Marks / Grade/ CGPA
S.S.C. (X)	AMRAVATI BOARD	MARATHI	2003	71.31%
H.S.C. (XII)				
Diploma*	GOVT.POLYTECHNIC AMRAVATI	EXTC	2006	77.31%
Graduation*	HVPM COET AMRAVATI	EXTC	2009	66.38%
Post Graduation*	SGBAU AMRAVATI	DIGITAL ELECTRONICS	2012	CGPA-8.55 75.31% 2ND in order of merit
Ph.D.*	SGBAU AMRAVATI	ELECTRONICS ENGG	2019	COMPLETED

- **Postdoctoral Experience:** nil
- **Certifications:**
- **SEMINAR**
 - 1) Wireless sensor networks held at G.H.Raisoni college of Engineering and Management Amravati
- **STTP**
 - 1) Emerging trends in artificial neural networks with MATLAB held at G.H.Raisoni college of Engineering and management Amravati
- **WORKSHOP**
 - 1) Foundation of VLSI-programmable logic using CPLD held at sipna college of Engineering and Technology Amravati.

2) CMOS layout design using microwind held at sipna college of Engineering and Technology Amravati

3) RF measurement on communication systems held at sipna college of Engineering and

Technology Amravati

4) Latex and kernel compilation held at sipna college of Engineering and Technology Amravati

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1. Titled: "An Off-Line Character Recognition System for Free Style Marathi Handwriting

Using Genetic Algorithm"

Diary Number: 4507/2017CO/L

Copyright Reg. of: Literary/ Dramatic

- **PATENT**

1. Titled: OCR Scanner (under process)

3. Research Interests

- **Areas of Expertise:** Pattern recognition, Communication, networking

4. Teaching Experience

**1) Government college of Engineering and Technology. Amravati (10 months)
Work as a lecturer from 28-10-2010 to 09-09-2010**

**2) Sipna college of Engineering and Technology Amravati (6 years) Work as a
Assistant professor from 10-09-2010 to 31-08-2016 6year teaching experience on
graduate level 2 year teaching experience on post graduate level**

**3. Currently working as a assistant professor in Sggs college of engg and tech
nanded. since 2023 to till date**

- **Courses Taught:** (undergraduate)

1. Communication Engineering -II --3rd year Information technology (2009-10)

2. Electronics Circuit and Design-2nd year electrical engineering (2009-10)

3. Microcontroller and Its Application-4th year (EXTC and computer Dept)(2010-15)

4. Linear Integrated Circuit-3rd year (Instrumentation and Electronics engineering)(10-11)

5. Communication Engineering -II --3rd year electronics and telecom Engg and technology (2011-12)
6. Microprocessor and its peripheral-3rd year electronics and telecom Engg and technology(2012-2015)
7. Data communication and networking(DCN)-4th Year EXTC (2023-24)
8. Basic Electronics -1st year (2023-24)
9. Fundamental of digital image processing-2nd year (2024-25)

Practicals:

1. Electronics Circuit and Design-2nd year electrical engineering (2009-10)
2. Microcontroller and Its Application-4th year (EXTC and computer Dept)(2010-15)
3. Microprocessor and its peripheral-3rd year electronics and telecom Engg and technology(2012-2015)
4. Data communication and networking(DCN)-4th Year EXTC (2023-24)
5. Basic Electronics -1st year (2023-24)
6. Fundamental of digital image processing-2nd year (2024-25)

Post Graduate Level.

1. Parallel computing (2013-14)
2. Data communication and networking(2014-15)
3. Random processes(2013-14)

5. Publications and Presentations

- **Journal Articles: International Journal and Conferences**

(1) Ms.Padma R.Bagde, Dr Siddharth A. Ladhake ,Krish Chinchkhede, “Handwritten Marathi Numeral Recognition: Classification system with a Neural Network Approach” international Journal of Advanced Research in computer Science and Software Engineering (IJARCSSE),Volume 2, Issue 3, March 2012

(2) Ms. Padma R. Bagde, Dr. Siddharth A. Ladhake , krish chinchkhede, “On the Design of Classification System for Handwritten Devnagari Numeral with Image as a Input: A Neural Network Approach” International Journal of Advanced Research in Computer Science (IJARCS), Volume 3 No.3 (May-June 2012)

(3) Ms. Padma R. Bagde, Dr. Siddharth A. Ladhake, Krish Chinchkhede, “Classification System for Handwritten Devnagari Numeral with a Neural Network Approach” international Journal of Advanced research in computer Science and software engineering (IJARCSSE),Volume 2,Issue 2,March 2012

(4) Ms.Padma R Bagde, Dr.A.A.Gurjar “An Off-Line Character Recognition System for Marathi Handwritten script, a Review and Study” International Association of Scientific Innovation and Research (IASIR) IJETCAS 14-791; © 2014, IJETCAS

(5)Ms.Padma R Bagde, Dr.A.A.Gurjar “A handwritten recognition for free style Marathi script using genetic algorithm” International conference on global trends in signal processing, information computing, communication (ICSPICC) Dec-2016 Proceedings Of the IEEE conference

(6)Ms.Padma R Bagde, Dr.A.A.Gurjar “A Free style Handwritten character Recognition: Feature Extraction and classification” IIRAJ-ISDSMT-RP-2526317-402 SCOPUS, ELSEVIER AND THOMSON REUTERS indexed-International conference - Science, Management and Technology (ICI-SDSMT-2017) Raipur, India march-2017

- **Conference Papers:** Presentations at academic conferences.

Conference attended

1) International conference on global trends in signal processing, information computing, and Communication (ICSPICC)organized by SSBT's college of Engineering and Technology Jalgaon Maharashtra.

2) International conference on innovative and sustainable development in science management and technology (ICI-SDMST-2017) held at shri shankaracharya institute of professional management and technology (SSIPMT) Raipur Chhattisgarh.

Paper id-IIRAJ-ISDSMT-RP-2526317-402

6. Awards and Honors

- **Fellowships:** Savitribai Phule National Research Fellowship (SPNRF)-2015 Dr. Babasaheb Ambedkar Research & Training Institute (BARTI), Pune.

9. Professional Memberships

- **Associations:** Membership in IETE

10. Miscellaneous

- **Languages:** English ,Hindi,Marathi
- **Personal Interests:** Study, Playing volleyball, cricket..