

Curriculum Vitae

1. Personal Information

2. **Name:** Dr.Padma Ramkrushna bagde

3. **Position:** Assistant Professor

4. **Department:** Department of Electronics and
Telecommunication engineering SGGS college of engineering
and technology Nanded

5. Contact Information

bagdepadma@sngs.ac.in,Padmabagde@gmail.com

Mobile number:8793317253,9579482837



2. Educational Background

Exam Passed	Name of Institute	Year of Passing	Percentage
B.E.in EXTC Engineering	H.V.P.M. COET.Amravati	S-2009	67.58%
M.E Digital Electronics	SGBAU Amravati	S-2012	CGPA-8.55 2nd in order of merit
Ph.D Electronics and Telecommunication Engg.	SGBAU Amravati	2019	Completed

FELLOWSHIP

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

- 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

3. Research Interests

- Areas of Expertise: Pattern Recognition, Communication,

4. Teaching Experience

1) Currently Working as an Assistant Professor in Sggs college of engineering and technology Nanded from June 2023 to till date. (1.5 years)

2) Sipna college of Engineering and Technology Amravati (6 years)

- Work as an Assistant professor from 10-09-2010 to 31-08-2016
- 6year teaching experience on graduate level
- 2 year teaching experience at post graduate level

3) Government college of Engineering and Technology. Amravati (10 months)

- Work as a lecturer from 28-10-2010 to 09-09-2010

- Courses Taught:

1. Communication Engineering (3rd IT btech)
2. Electronics circuit and design (2nd ELECT btech)

3. Microprocessor and its application (3rd Instrumentation and EXTC btech)
 4. Microcontroller and its application (4th extc btech)
 5. Linear integrated circuit (3rd extc btech),
 6. Computer organization (3rd IT)
 7. Data communication and networking (4th EXTC-Btech)
 8. Basic Electronics (1st year Btech)
 9. Fundamentals of digital image processing (2nd year-Btech)
 10. Digital VLSI Design(3rd extc-btech)
 11. Random process (Mtech-extc)
 12. Parallel computing (Mtech-Extc)
 13. Embedded system design (Mtech-Extc)
- Course Development: Creation or redesign of any courses or curriculum.

5.Publications and Presentations

(<https://scholar.google.com/citations?hl=en&user=9ZkU8acAAAAJ>)

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: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

6. Awards and Honors

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

7. Professional Experience

- Conduct central examination for graduate students also handing M.E (post graduate) student exam for more than 2 yrs.
- Class teacher 3 consecutive years for final year students
- Active participation in all college activities.
- 2 times Departmental Coordinator for Pragyaa (national level technical event)
- Co-coordinator of departmental club ELITE

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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)

8. Supervision and Mentoring

Yes

9. Professional Memberships

- Associations: lifetime Membership of IETE

10. Miscellaneous

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