

RESUME

Name : Poonam Yugesh Nikume

(Before Marriage:Poonam Ravindra Khadakkar)

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CAREER OBJECTIVE:

To contribute to an institution as a Lecturer by combining excellence in teaching, research, and student mentoring while promoting academic innovation and lifelong learning. Using knowledge to leverage my teaching experience, communication skills, and subject knowledge to enhance student performance and contribute to institutional growth.

EDUCATIONAL QUALIFICATION:

Degree	University/Board	Year	Marks (%)
M.E(Digital Electronics)	KBC NMU,Jalgaon	2025	78.6
B.E(E&TC)	Pune	2012	62.6
12 th	HSC Board	2008	82.5
10 th	SSC Board	2006	84.13

TECHNICAL SKILLS:

- **Programming Languages** : C, C++, Core JAVA, Advanced JAVA(JDBC), MATLAB, Assembly language (basic),
- **Web Technologies** : HTML, CSS, Java Script, JSP, Servlet
- **Database** : Oracle10g(SQL/PL-SQL)
- **Mobile Technologies** : Android
- **CNN Architectures** : Mobilenet, DenseNet, EfficientNet

CERTIFICATIONS/WORKSHOPS:

- SEED Certified Technology Specialist(SCTS)
- Workshop on Mobile Controlled Robot(Robo-Tycoon)

ACADEMIC PROJECTS:

- **T.E Project:** Instrument Tracking System:
This project is used to keep track of the location of the surgical instruments in hospitals so that by knowing their current location those instruments can be made easily available in emergency cases.
- **B.E Project:** Palm Print Classification using principal lines:
This project is used for biometric identification of a human being. Out of various physiological traits of a human being palm print is used in this project for identification purpose. This project provides secured authentication of a person.
- **M.E Project:** Image-based Colorectal Cancer classification using deep learning techniques:
This project is used for early and accurate diagnosis of a fatal disease like Colorectal Cancer using histopathological images. AI technologies are used for classification and diagnosis of the disease. Different CNN architectures like MobileNet, DenseNet and EfficientNet are preferred.

EXTRA CURRICULAR ACTIVITIES:

- Poster Presentation on “Geothermal Energy” at “First International Conference on Energy Engineering and Eco-balance”.
- Paper Presentation at National Conference (NCAET-2012).
- Member of Marketing Team for college magazine “Oyster”.
- A Head of an Event in Jishin (National Level Event) 2011.
Campaigning of Jishin 2011.
- Participated in annual gathering.
- Conducted non technical events like One minute show and Bollywood day in college fest “GangaParv”.
- Worked as Departmental IQAC Co-ordinator.

EXPERIENCE:

- Experience of teaching Java and Advanced Java in Government Polytechnic college, Dhule for 1.5 year on Lecture basis.
- Experience of teaching in Adarsh Polytechnic Polytechnic college, Dhule for 1 year.
- Experience of teaching various technical subjects in NES's Gangamai College of Engineering, Nagaon from 22 July 2024 till date.

SUBJECTS TAUGHT:

- Basic Electrical and Electronics Engineering
- Digital System Design
- Analog and Digital Communication
- Control System
- Fiber Optic Communication
- Computer Networks

PUBLICATIONS:

- “DEEP LEARNING FOR COLORECTAL CANCER DIAGNOSIS: A CLASSIFICATION APPROACH” in JOURNAL OF INFORMATION, KNOWLEDGE AND RESEARCH IN ELECTRONICS AND COMMUNICATION ENGINEERING, ISSN: 0975 – 6779| NOV 24 TO OCT 25 , VOLUME –08, ISSUE – 02.
- “DEEP LEARNING BASED COLORECTAL CANCER CLASSIFICATION” in International Engineering Journal For Research & Development, Vol.10 Issue 2.
- “Review Paper on Fusion Approach for Color Image Segmentation” in International Journal of Advanced Research in Science, Communication and Technology.

FACULTY DEVELOPMENT PROGRAMS:

- Emerging trends in optimal design of Electric Vehicles and Hydrogen fuel cell Vehicles for sustainable futures at SRM MADURAI COLLEGE FOR ENGINEERING & TECHNOLOGY from 27/01/2025 to 01/02/2025

- Recent Advancements and Challenges in Integration of IoT and 5G/6G Wireless Communication: Building the Next Gen Connectivity at KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY from 03/02/2025 to 08/02/2025
- Career Guidance Session by Grad Guru Innovation on 22/02/2026.
- IP Awareness/Training program under NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION.
- Research Symposium on Next-Gen Research in E&TC: AI And Emerging Domains at Dr. D.Y. Patil Institute of Technology, Pimpri, Pune from 09/04/2026 - 11/04/2026.
- Advanced Research Methodology: Ethics and AI to Publication and Funding conducted at Godavari Institute of Management and Research Jalgaon from 11/05/2026 - 15/05/2026.
- One week International Faculty Development Program on Agentic AI and Cyber Security conducted at iBase Electrosoft LLP from 24/05/2026 to 30/05/2026.
- AI Application: Shallow to Deep at ADSUL's technical campus from 25/05/2026 to 30/05/2026.

PERSONAL INFORMATION:

Name:	Poonam Yugesh Nikume Poonam Ravindra Khadakkar(before marriage)
Date of Birth:	09 th February 1990.
Permanent Address:	57, Satsang colony, Gondur Road, Deopur, Dhule-5.
Nationality:	Indian.
Languages known:	English, Hindi, Marathi.
Email:	poonamnikume39@gmail.com

I solemnly declare that the statements made by me above in this form are true to the best of my knowledge .

Place: Dhule.

Poonam Nikume