Dr. PRITAM SHITAL LANGDE

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PROFESSIONAL SUMMARY

- **Designation:** Currently working as **Associate Professor & Dean – IQAC** with 14+ years of teaching and 1.5 years of industry experience at Tata Communications, Pune.
- **Education:** Completed **Ph.D**. in Electronics Engineering (2026) from Shivaji University, Kolhapur.
- **Alumni Status:** Recognized as a proud Alumna of **ADCET,** Ashta.
- **AICTE QIP Track:** On Track to complete the prestigious AICTE- Quality Improvement Programme **(QIP) - PG Certificate Programme 2026** on "AI-Powered Computer Vision for Smart Agriculture and Healthcare Applications" at NIT Warangal.
- **Funding & Collaboration:** Organized a 10 days National **FDP** in collaboration with **NIT Warangal sponsored** by Ministry of Electronics and Information Technology (**MeitY**) New Delhi. **(₹1,80,000**)
- **Experiential Learning:** Planned and conducted technical student exposure visits to **ISRO** Bangalore, Ahmadabad, Trivandrum, **BARC** Mumbai, INCOIS Hyderabad and DDK & AIR Panaji.

EDUCATION

- **Ph.D. in Electronics Engineering** | Shivaji University, Kolhapur *(2026)*
- **M.E. in Electronics & Telecommunication Engineering**| KIT's College of Engineering, Kolhapur*(2015)*
- **B.E. in Electronics and Telecommunication Engineering** | Annasaheb Dange College of Engineering and Technology (ADCET), Ashta *(2008)*

WORK EXPERIENCE CHRONOLOGY

Total Experience: 14+ Years Academic Teaching | 1.5 Years Industrial Experience

- **Associate Professor** at Sanjay Bhokare Group of Institutes, Miraj | [*18th April 2026 to till date*]
- **Assistant Professor** at Sanjay Bhokare Group of Institutes, Miraj | *10 Years* [*15th June 2016- 17th April 2026*]
- **Lecturer** at Government Polytechnic, Tasgaon | *1.3 Years* [*11th Dec 2014 to May 2016*]
- **Lecturer** at Latthe Polytechnic, Miraj | *3.5 Years* [*1st Feb 2011 to 15th May 2014*]
- **Network Engineer** at Tata Communications, Pune |*1.5 Years* [*07th January 2009 to 5th Oct 2010*]

ADMINISTRATIVE & LEADERSHIP EXPERIENCE

Dean – Internal Quality Assurance Cell (IQAC)

- **Accreditation & Statutory Activities**: Lead institutional strategic preparation, data aggregation, and documentation metrics for upcoming accreditation. Provide foundational support in organizing core institutional events and statutory academic activities.
- **AICTE Proposals & Schemes:** Formulated and filed official applications for the conduction of AICTE **ATAL FDP**; for conduction of seminars under the prestigious **AICTE-VAANI** (Vibrant Advocacy for Advancement and Nurturing of Indian Languages) Scheme, New Delhi.
- **Academic Governance**: Function as the Member Secretary for the Board of Studies **(BOS)** and the Department Advisory Board **(DAB)** to steer curriculum modernization.
- **Institutional Branding & Media:** Design high-quality digital flyers, posters, and media kits for milestone events. Serve as Head Institute Social Media Coordinator
- **Editorial Contributions:** Function as **Chief Editor** for the College Magazine and periodic Newsletter.

Student Development & Corporate Relations

- **Strategic Alliances (MoU's):** Initiated and executed operational institutional Memorandums of Understanding (MoUs) with premier bodies including **MKCL, Mycrave, SIBIC, and RTSU** under IQAC
- **Student Clubs:** Initiated, and launched multiple technical and creative student-led clubs to boost peer learning and hands-on talent incubation. (Climate Club, Robotics club , Drone Club, Coding Club, IOT club, EV club , MOOCs club etc..)
- **Expert Session Coordination:** Coordinated and hosted numerous expert guest lectures and technical sessions for the holistic development of faculty and students.

SPONSORED EVENTS & ADVANCED TRAINING

Recent Funded & Collaborative Initiatives

- Coordinator for a National Level FDP on "Frontiers of AI and ML: Innovations for Computer Vision, IoT and Medical Imaging" (27th June – 8th July 2025) organized in joint collaboration with **National Institute of Technology, Warangal (NITW)**. **Sponsored and Funded by** Ministry of Electronics and Information Technology (MeitY) New Delhi **MeitY, GOI** (**Amount: ₹1,80,000)**
- On Track to complete the prestigious AICTE- Quality Improvement Programme **(QIP) - PG Certificate Programme 2026** on "AI-Powered Computer Vision for Smart Agriculture and Healthcare Applications" at NIT Warangal in June 2026
- Convener for a **FDP** on "AI for Educators: Transforming Engineering Classrooms & Curriculum" approved by the Indian Society for Technical Education (**ISTE**) in 5th -10th January 2026 at SBGI Miraj.
- Convener for online 1 Week **FDP** on "Model Based Development (Electrical Vehicle Designing) in April 2025 at SBGI Miraj.

- Co-Convener for 2 days **FDP** on “Engineering Education through Project Based Learning and Effective Laboratory Assessment for Outcome Oriented Education” in collaboration with SDMCET , Dharwad from 10-11 April 2026 at SBGI Miraj.
- Co-Convener for **International conference** on “Emerging trends in engineering, Science &management” ESM2K26 on **4th June 2026** at SBGI Miraj

Recent Advanced Professional Training / FDP Attended

- **5-Day GIAN FDP**: Attended the prestigious Global Initiative of Academic Networks (**GIAN**) program on 'Sustainable AI: Employing Machine Learning for sustainable technology Development ' at **National Institute of Technology, Warangal (NITW)** from 17/02/2025 to 21/02/2025.

- **AICTE ATAL FDP**: Completed FDP on “Bridging Research and AI: Methodological Advances in ML and DL” under the AICTE Training and Learning Academy in November 2025 at SIT Yadrav.

INTELLECTUAL CONTRIBUTIONS & GUEST PEDAGOGY

- **Research Publications:**

Award-Winning (1st Prize):

- **Mr. Pritam S. Langde , Dr. Shrinivas A. Patil ,** "Enhancing Accessibility for the Blind : An Text reader for visually impaired individuals ", *Proceedings of the SUK International Conference ICFAST 2023, Shivaji University, Kolhapur pg no 32 , 396 .*

1. P. S. Langde, S. A. Patil , “A Survey Paper on Speech Captioning of Document for Visually Impaired People,” *International Journal of Advance Research in Science and Engineering (IJARSE),* vol. 11, no. 06, pp 926-933-June 2022.
2. P. S. Langde, S. A. Patil, “Automating Document Narration: A Deep Learning-Based Speech Captioning System for Visually Impaired Person,” *International Journal of Intelligent Systems and Applications in Engineering (IJISAE),* vol. 12, no. 23s, pp2794-2810 Oct.2024.
3. P. S. Langde, S. A. Patil, “Interactive Image Exploration for Visually Impaired Readers using Speech captioning Model,” *Journal of Information Systems Engineering and Management (JISEM),* vol. 10, no. 23s, pp 892-904 Feb. 2025.
4. P. S. Langde, S. A. Patil, “Empowering Reading Deep Learning Solutions for Speech Captioning in Documents for Visually Impaired Individuals,” *International Journal of Advanced Technology in Engineering and Science*, vol. 12, no. 03, pp -95-103 Mar.2024.
5. P. S. Langde, S. A. Patil, “Speech-Driven Image Exploration for Visually Impaired Readers,” *International Journal of Technology in Education (IJTE),* Issue no- 01 November 2025
6. P. S. Langde, S. A. Patil, “Speech-Driven Image Exploration for Visually Impaired Readers,” in National Conference on Interdisciplinary Advances in Sustainability and Technology (CIAST_25), Shivaji University, Mar. 2025.

7. P. S. Langde, S. A. Patil, “Enhancing Accessibility for the Blind: An Text Reader for Visually Impaired Individuals,” in International Conference on Frontiers areas of science and Technology (ICFAST-2023), Shivaji University, Sep. 2023.
8. P. S. Langde, N. S. Sambre “Channel Estimation and Equalization in Wimax” in International journal of Advent Research In computer and Electronics (IJARCE)
9. Published a Journal paper “Channel Estimation for WiMAX system based on comb type pilot arrangement in AWGN channel” in International Journal of Advanced and Innovative Research (IJAIR)
10. Langde Pritam and Patil Komal, “An AI-Based Model for Early Stage Breast Cancer Detection”. available at SSRN: *http://dx.doi.org/10.2139/ssrn.6396589* posted on Mar. 2026

- **Intellectual Property:** 02 Patents are in progress.
- **Book Publication :** Published Book with title “ Channel Estimation and equalization of WiMAX Physical Layer”
- **Invited Expert Speaker:** Delivered expert technical sessions in polytechnic institutes

EXPERIENTIAL LEARNING TOURS ORGANIZED

Planned, coordinated, and accompanied technical exposure tours to premier national scientific facilities:

- Indian Space Research Organisation **(ISRO):** Facility centers at Bangalore (2017), Ahmedabad (2023), and Thiruvananthapuram (2024).
- Bhabha Atomic Research Centre **(BARC): Electron Beam Centre,** Mumbai (2026).
- Doordarshan Kendra (**DDK**) & All India Radio (**AIR**): Transmission centers at Panaji (**Panjim**), Goa.
- Indian National Centre for Ocean Information Services (**INCOIS**), Hyderabad (2020)
- Radio Astronomy Centre Ooty (RAC), (2025)

PROFESSIONAL MEMBERSHIPS & AFFILIATIONS

- Life Member: Indian Society for Technical Education (ISTE).
- Alumni Network: Proud Alumna of Annasaheb Dange College of Engineering and Technology (ADCET), Ashta (B.E. Class of 2008).

Declaration:

I hereby declare that the information furnished above is true and correct to the best of my knowledge.

Place : Sangli **Dr. Pritam S. Langde**