

# P. Bini Palas

**Assistant Professor**

**Contact Information**

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**Educational Qualification: M.E. (Communication Systems),**

**Experience in Easwari : 5 Years**

**Professional Experience : 7 Years**

**Research Interest: Mobile Computing**

## **Recent Publications:**

1. Paper titled "Noise Estimation of Non-stationary voice speech using Chirp Model", in International Journal for Research in Applied Science & Engineering Technology.
2. Paper titled "Machine Learning Intelligence based Guiding System", in Global Research and Development Journals.
3. Paper titled "Electronic Medication System to assist the elderly", in Global Research and Development Journals.
4. Paper titled "Brain wave based control and accelerometer based mobility for specially abled people", in International Journal of Emerging Technology in Computer Science & Electronics.
5. Paper titled "Underwater positioning ROV using multiple transducers" in International Journal of Innovative Research in Science, Engineering and Technology.

## **Conference:**

1. Presented paper titled "Estimation of noise and enhancement of non-stationary speech using filtering based Chirp frequency model", in the International Conference on Recent Trends in Engineering & Technology at St. Joseph's Institute of Technology.
2. Presented paper titled "Machine Learning Intelligence based Guiding System", in the International Conference on Innovations in Engineering and Technology (ICIET-16) at KLN College of Engineering.
3. Presented paper titled "Electronic Medication System to assist the elderly", in the International Conference on Innovations in Engineering and Technology (ICIET-16) at KLN College of Engineering.
4. Presented paper titled "Underwater positioning ROV using multiple transducers" in the International Conference on Innovations in Engineering and Technology (ICIET-14) at KLN College of Engineering.

5. Presented paper titled "The Beacon Movement Detection Problem in Localization Applications", in the National Conference on Microwave and Optical Communication (NCMOC 2010) at Alagappa Chettiar College of Engineering and Technology.
6. Presented paper titled "The Beacon Movement Detection Problem in Localization Applications", in the National Conference on Emerging Trends in Communication and Networking (ETCN-10) at C.S.I. Institute of Technology.