

Mrs. Pratibha K

Assistant Professor, ECE,RVCE

Educational Qualification B. E. (Electronics & Communication Engineering),
M.Tech. (Communication Systems).
(Ph.D.- Wireless Networking)

Experience Teaching: 9 Years.

Area of Interest Wireless IoT networking, Industrial IOT

Email ID pratibhakantanavar@rvce.edu.in

Date of Joining at RVCE: 29th August 2016

Subjects Handled: Embedded systems, Analysis and Design of Digital Circuits, Basic Electronics, IoT, Computer Networks

No. of Projects guided to UG Students: 8

No. of Projects guided to PG Students: 0

Research Projects:

NIL

Consultancy :

1. Training & Consultancy on Embedded systems and circuits for EV Academy.
2. Training & Consultancy on Embedded systems for BHARATH ELECTRONICS LTD (BEL)
3. Machine Learning and Embedded System with M/s EAPL
4. Training & Consultancy on industrial Automation for REXROTH BOSCH.

Publication Details:

1. <https://www.scopus.com/authid/detail.uri?authorId=58524231700>
2. <https://scholar.google.com/citations?user=sbMXDP4AAAAJ&hl=en&scioq>

Major Publications:

1. A. Jain, S. Thomas, S. Tejasvi, T. L. Shreenidhi, R. Anbalagan, and **Pratibha . Kantanavar**, “Self-defence Gadget for Women: Design and Development,” in *Design in the Era of Industry 4.0*, vol. 2, Smart Innovation, Systems and Technologies, Singapore: Springer, 2023, pp. 29–41. [OUCI](#)
2. **Pratibha. Kantanavar**, “A Novel Optimal Routing Protocol for Wireless Ad hoc Network with the aid of Double Encryption Mechanism,” *Int. J. Innov. Technol. Explor. Eng.*, vol. 9, no. 8, pp. 123–127, Jun. 2020.
3. S. N. **Pratibha Kantanavar.**, “Multiple Forward Error Correction in ARQ Systems by Combining Three Consecutive Erroneous Frames in a Wireless Sensor Network,” *Int. J. Appl. Eng. Res.*, vol. 12, no. 20, pp. 10345–10349, 2017.
4. **Kantanavar, Pratibha.**, Rajendran, Sindhu “Industrial internet of things: Architecture and its applications” *Internet of Things: Applications for Sustainable Development* pp. 237-256

5. M. Kishor, H. Vinay, K. Kusuma, P. Kantanavar, and S. Chandran, "A faculty training module on the art of counseling students in academic issues," *Int. J. Health Allied Sci.*, vol. 7, no. 3, pp. 210, 2018.
6. M. Kishor, S. Chandran, H. Vinay, K. Kusuma, and **P. Kantanavar**, "A faculty training module on the art of counseling students on non-academic issues," *Int. J. Health Allied Sci.*, vol. 7, no. 4, pp. 273, 2018.
7. M. Kishor, H. Vinay, K. Kusuma, and **P. Kantanavar**, "Young minds: A proposed model for students' well-being in educational institutions," *Int. J. Health Allied Sci.*, vol. 7, no. 2, pp. 123, 2018.
8. S. S. Shivaprasad and **P. Kantanavar**, "Distributed Cache Updating for Dynamic Source Routing Protocol," *Int. Res. J. Eng. Technol. (IRJET)*, vol. 7, no. 6, 2020.
9. A. J. Nair, A. R. Namboodiri, and **P. Kantanavar**, "Implementation of a Comment Rating System Based on Wilson's Score Interval for Binomial Proportions," 2020.
10. K. S. Varun Kumar, V. G. Vijaya Kumar, A. Vijay Shankar, and **K. Pratibha**, "Credit card fraud detection using machine learning algorithms," *Int. J. Eng. Res. Technol. (IJERT)*, vol. 9, no. 7, 2020.
11. **Pratibha Kantanavar**, Dr Hariprasad S A, Dr Gopalakrishna K "A review on enhanced Wireless connectivity in fixed & portable stations within a wireless Gigabit local area network" *Journal of Xi'an University of Architecture & Technology* ISSN No : 1006-7930 pp 227-235