K J College of Engineering and Management Research, Pune

Department of Electronics and Telecommunication

Faculty achievements

Sem-I_2024-25

1. **Dr. Pramod U. Chavan:**
   a. Published and indexed paper in SCI(Q1)
   b. Copyright
      i. On "A NOVEL CHANNEL ESTIMATION TECHNIQUE FOR HETEROGENEOUS DISTRIBUTED SYSTEMS USING EMBEDDED AI".
      (Diary Number: 8584/2024-CO/L).
      (ROC No. L-156502/2024)
      ii. On "Development of Android Application For Cloth Dryer".
      (In-Process)
   c. Research Proposal on ""A Novel Channel Estimation Technique For Heterogeneous Distributed Systems Using Embedded AI" submitted to Aspire 2025 (SPPU, Pune).

2. **Dr. Rajendra U. Zope**
   a. Copyright
      i. On" Smart Irrigation System for Precision Farming"
      (In-Process)

3. **Prof. Vivek D. Ghanekar**
   a. Research Proposal on ""A Novel Channel Estimation Technique For Heterogeneous Distributed Systems Using Embedded AI" submitted to Aspire 2025 (SPPU, Pune).
   b. Copyright
      i. On "IOT Based Smart Energy Mater using ESP32"
      (In-Process)

4. **Prof. Shilpa J. Kale**
   a. Paper submitted and accepted on "Deep Ensemble Architecture with Improved Segmentation Model for Alzheimer Disease Detection" at Journal of Medical Engineering and Technology.
   b. Copyright
      i. On "Intelligent Transport Monitoring System Using Raspberry PI"
      ii. (In-Process)

5. **Prof. Rahimraja Shaikh**
   a. Books
      i. Title "Introduction to Wireless Networks".
      ii. Title "Basic Electronics Engineering".
   b. Paper publish on "Enhancing Radiology Diagnosis through Convolutional Neural Networks for Computer Vision in Healthcare" in Scopus Indexed Journal Nanotechnology perceptions with ISSN 1660-6795.
   c. Copyright
      i. On "Telemedicine Kit for Remote Health Monitoring"
      (In-Process)

6. **Prof. Poonam Gham**
   a. Copyright
      i. On "Wheelchair with voice and gesture control for people with physical disabilities"
      (In-Process)

7. **Ms. Swapnali Dhumke**
   a. Copyright
      i. On "Gas Detector with Alerting System"
      ii. On "Accident Prevention Alert System"
      iii. On "ESP8266 Gas Sensor Alert System for Home Safety"
      iv. On "RFID Based Smart Attendance System"
      (All In-Process)

Sr. No.	Publication details	Submitted	Published	Total
1	Paper Publications(Conference/Journals)	1	2	3
2	Books/Book Chapter	-	2	2
3	Patents	-	-	-
4	Copyrights	10	1	11
5	Research Proposals	1	-	1