

Academics

Subjects Taught

Undergraduate

1. Logic Design
2. Aircraft Instrumentation
3. Automobile Instrumentation
4. Industrial Instrumentation
5. Digital Image Processing
6. Robotics.
7. Photovoltaic Theory and Design

Workshops Conducted

Five Days Faculty Development Programme “Recent Trends in Biomedical Signal and Image Processing conducted by Department of Instrumentation Technology, Sri Jayachamarajendra College of Engineering, Mysuru, from 10th to 14th March 2016.

PROJECTS GUIDED:

- UG PROJECTS – 16
- PG PROJECTS – 03

Publications

International Journals

1. Babu, K. S., Sukanta Sabut, and Y. B. Ravi Kumar.(2019): "Decision Trees For Segmentation And Assessment Of Wound Healing Process Of Diabetic Patients." Biomedical Engineering: Applications, Basis and Communications 1950029
2. Babu, K. S., Subudhi, A., & Sabut, S. (2018). Segmentation of Diabetic Wound by Multidimensional Clustering for Quantitative Assessment of Healing Process. Current Medical Imaging Reviews, 14(1), 71-76.
3. K.S. Babu, Sukanta Sabut, Nithya D K. Efficient detection and classification of diabetic foot ulcer tissue using PSO technique, International Journal of Engineering &Technology, vol.7(3.12), pp. 1006 -1010, 2018

International Conferences

1. Babu, K. S., and N. R. Sharvani (2020) "Breast Cancer Detection and Classification Employing Convolutional Neural Networks and Support Vector Machine for Histopathological Images." Proceedings of International Conference on Communication, Circuits, and Systems: IC3S 2020. Springer Nature
2. Babu, K. S., Ravi, K. Y., & Sabut, S. (2017, May). An improved watershed segmentation by flooding and pruning algorithm for assessment of diabetic wound healing. In Recent Trends in Electronics, Information & Communication Technology (RTEICT), 2017 2nd IEEE International Conference on (pp. 679-683). IEEE