

Research Publications of Faculties in Academic Year (2018-2020)

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
An Effective Optimization-Based Neural Network for Musical Note Recognition	R. D. Kokate	Journal of Intelligent Systems	2019	02	Department of Instrumentation Engineering Government College of Engineering Jalgaon	02
Robust fast finite-time sliding mode control for industrial robot manipulators	G. M. Malwatkar	International Journal of Dynamics and Control	2019	02	Department of Instrumentation Engineering Government College of Engineering Jalgaon	02
Design of interval type-2 fuzzy precompensated PID controller applied to two-DOF robotic manipulator with variable payload	P. J. Gaidhane	ISA transactions	2019	09	Department of Instrumentation Engineering Government College of Engineering Jalgaon	09
A hybrid grey wolf optimizer and artificial bee colony algorithm for enhancing the performance of complex systems	P. J. Gaidhane	Journal of computational science	2018	09	Department of Instrumentation Engineering Government College of Engineering Jalgaon	09
Disturbance Observer-Based Fuzzy Adapted S-Surface Controller for Spatial Trajectory Tracking of Autonomous Underwater Vehicle	G. V. Lakhekar	IEEE Transactions on Intelligent Vehicles	2019	02	Department of Instrumentation Engineering Government College of Engineering Jalgaon	01

Adaptive fuzzy exponential terminal sliding mode controller design for nonlinear trajectory tracking control of autonomous underwater vehicle	G. V. Lakhekar	International Journal of Dynamics and Control	2019	09	Department of Instrumentation Engineering Government College of Engineering Jalgaon	07
Robust Diving Motion Control of an Autonomous Underwater Vehicle Using Adaptive Neuro-Fuzzy Sliding Mode Technique	G. V. Lakhekar	IEEE Access	2020	00	Department of Instrumentation Engineering Government College of Engineering Jalgaon	00