FACULTY PROFILE

<table>
<tr><td colspan="2">Name: RAJASHREE RAGHAVAN</td><td>Address: Department of EEE
LBS College of Engineering
Kasaragod</td></tr>
<tr><td colspan="2" rowspan="2">Designation: Associate Professor</td><td>Email: rajashree@lbscek.ac.in</td></tr>
<tr><td colspan="2">Department: Electrical and Electronics Engineering</td><td>Mobile: 9447378052</td></tr>
<tr><td colspan="3">ACADEMIC QUALIFICATIONS</td></tr>
<tr><td>P.G.</td><td colspan="2">M Tech in Instrumentation and Control Systems from NIT Calicut</td></tr>
<tr><td>U.G.</td><td colspan="2">B Tech in Electrical and Electronics Engineering from REC Calicut</td></tr>
<tr><td colspan="3">AREA OF INTEREST</td></tr>
<tr><td colspan="3">Model Predictive Control, Nonlinear Systems and Control</td></tr>
<tr><td colspan="3">WORK EXPERIENCE</td></tr>
<tr><td>Teaching (Period, position, Organization)</td><td colspan="2">22 years in the Dept. of EEE of LBS College of Engineering, Kasaragod</td></tr>
<tr><td colspan="3">RECENTLY TAUGHT COURSES</td></tr>
<tr><td colspan="3">Control Techniques in Power Electronics, Control Systems, Microprocessors and Embedded Systems</td></tr>
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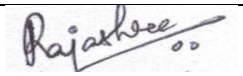
OTHER RESPONSIBILITIES

1. Chairperson, Grievance and Redressal Cell
2. Member, IQAC

PUBLICATIONS (LATEST)

Peer Reviewed Science cited International Journals	1) Rajashree Raghavan and Susy Thomas, "Practically Implementable Model Predictive Controller for a Twin Rotor Multi Input Multi Output System, *Journal of Control, Automation and Electrical Systems,* Vol.28, Issue.3, March 2018.
Peer Reviewed Science cited International Conferences	1) Rajashree Raghavan and Susy Thomas, "Exponentially Weighted Laguerre Function based Model Predictive Controller Design for a Twin Rotor MIMO System", *IEEE International Conference on Power, Instrumentation, Control and Computing (PICC 2020),* December 2020. 2) Athira M and Rajashree Raghavan, "Transformerless Topology for Performance Enhancement of a Dynamic Voltage Restorer", *International Conference on Systems, Energy and Environment (ICSEE2017),* Govt. College of Engineering, Kannur, Dec 2017. 3) Rajashree Raghavan and Susy Thomas, "MIMO Model Predictive Controller Design for a Twin Rotor Aerodynamic System", *IEEE International Conference on Industrial Technology (ICIT 2016),* Taipei, Taiwan, March 2016. 4) Rajashree Raghavan and Susy Thomas, "Intelligent Method Using Evolutionary Computation for Robust Design of PID Controllers", *IEEE Conference on AI Tools in Engineering*, Pune, March 2008. 5) Rajashree Raghavan and Susy Thomas, "Evolutionary Approach for the Design of Optimal Robust PID Controllers with Disturbance Rejection", *International Conference on Modeling and Simulation*, Coimbatore, August 2007.

Peer Reviewed National Conferences	1) Indu Poornima. A, Aiswarya Devadas, Fathimath Nabeela, Rincy P, Thejaswini K and Rajashree Raghavan, "Notch Filter Design For Suppressing Mechanical Vibrations in a BLDC Motor",*4th National Conference on Recent Advances in Engineering and Technology (nCORTech-17)*, Kasaragod, March 2017. 2) Rajashree Raghavan and Baby Sindhu A V, "Electromechanical and Electronic Energy Systems: A Comparative Performance Evaluation", *National Conference on Recent Advances in Electrical Engineering and Energy Systems (REEES-2010)*, Bhilwara, Rajasthan, Sept. 2010. 3) Rajashree Raghavan and Susy Thomas, "Real-coded genetic Algorithms for the Design of Optimal Disturbance Rejection PID Controllers", *National Conference on Electrical Systems & Control Technologies (ESCT 2007)*, NIT Calicut, May 2007.
Other Awards/Achievements	Secured first rank with gold medal in M Tech from NIT Calicut during 2005-'07



8th June 2021 Rajashree Raghavan