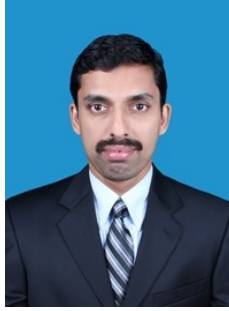


**SAIJAL KIZHAKKE KODAKKATTU**  
ASSISTANT PROFESSOR IN MECHANICAL ENGINEERING



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**Professional Qualifications**

B-Tech	Specialization	MECHANICAL ENGINEERING
	Institute/University	KANNUR UNIVERSITY
	Year	2001
M-Tech	Specialization	AEROSPACE ENGINEERING
	Institute/University	INDIAN INSTITUTE OF SCIENCE BANGALORE
	Year	2010

**Areas of Interest**

DESIGN OPTIMIZATION, VIBRATION CONTROL

**Professional Experience**

**Teaching Experience**

**Government Engineering College Kozhikode**  
under Department of Technical Education, Govt. of Kerala, India  
*Assistant Professor* **November 2006 to till date**

**Government Engineering College Wayanad**  
under Department of Technical Education, Govt. of Kerala, India  
*Lecturer* **October 2005 to November 2006**

**T.K.M. College of Engineering, Kollam, Kerala, India**  
*Lecturer* **January 2004 to October 2005**

**M.E.S. College of Engineering, Kuttippuram, Kerala, India**  
*Lecturer* **February 2003 to January 2004**

**National Institute of Technology Calicut, Kerala, India**  
*Lecturer* **December 2002 to January 2003**

## Industrial Experience

**Koyenco Iron Steel Co.(Pvt.) Ltd., Calicut, Kerala, India**  
*Production Supervisor July 2002 to December 2002*

### Responsibilities\Position

- Department Library In-charge, Bus Secretary

### Publications

Name of Presentation/Paper Presentation	Details of Journals/Publications	Date & Year of Publication / Paper presentation	Nature of Journals /Conferences (National /International)
Optimization of Helicopter Rotor Using Polynomial and Neural Network Metamodels	Journal of Aircraft, Vol.48, No.2	March-April, 2011	International Journal
Optimal Trailing Edge Flap Positions of Helicopter Rotor for Various Advance Ratios	Global Engineering, Science and Technology Conference at Dubai ISBN: 978-1-922069-21-4.	01-02 April, 2013	International Conference
Optimal Trailing Edge Flap Positions of Helicopter Rotor for Various Thrust Coefficients to Solidity ( $C_t/\sigma$ ) Ratios	International Journal of Mechanical, Industrial Science and Engineering, Vol:7, No:12	2013	International Journal
Optimal Trailing Edge Flap Positions of Helicopter Rotor for Various Advance Ratios	Global Science and Technology Journal, Vol.2, No.2 ISSN: 2201-6848	September, 2014	International Journal
Multi-Objective Design Optimization of Wind Turbine Blade using Genetic Algorithm	International Journal of Engineering Research & Technology, ISSN: 2278-0181, Vol. 3, Issue	December, 2014	International Journal
Robust Optimal Trailing-Edge Flaps for Helicopter Vibration Reduction for Various Flying Conditions	ASME2015 International Mechanical Engineering Congress & Exposition (IMECE 2015)	November 13-19, 2015	International Conference

### Achievements/Awards

- B.Tech Second Rank