SAIJAL KIZHAKKE KODAKKATTU

ASSISTANT PROFESSOR IN MECHANICAL ENGINEERING

Contact Details

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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/σ) 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**