

Mathew

Baby



Contact

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Languages

- English
- Malayalam
- Hindi

Summary

Assistant Professor with 7 years of experience in academia.

Is a recipient of various awards for academic excellence.

Have attended various Faculty Development and Training programmes and have completed various certification programmes in an effort to broaden horizons. Have also been a part of training programmes for faculty and students as resource person.

Held various administrative positions at the Institute and Departmental Level (Faculty advisor to College Students Council, Laboratory in Charge, Member of departmental E-audit team, Coordinator and team member in coordinating various technical events, training and development programmes, conference etc.)

Was invited as Guest Researcher at IMFAA, Aalen University, Germany.

Experience

- **Assistant Professor, Department of Mechanical Engineering** - 16/07/2013 to present
Rajagiri School of Engineering & Technology, Kochi, Kerala, India
- **Guest Researcher, IMFAA** – 01/03/2018 to 31/08/2018
Aalen University, Germany
- **Guest Lecturer, Part Time Programme**– 01/09/2012 to 15/03/2013
Government Engineering College, Thrissur, Kerala, India

Education

- Master of Technology (M.Tech): **Production Engineering** – 2013, **University of Calicut** (Government Engineering College, Thrissur), CGPA – 8.83
- Bachelor of Technology (B.Tech): **Production Engineering** – 2011, **University of Calicut** (Government Engineering College, Thrissur), Marks Percentage – 78.72%

Awards and Recognitions

- University of Calicut - **First Rank Holder in M. Tech** - Production Engineering
- University of Calicut - **Second Rank Holder in B. Tech** - Production Engineering
- **Award for Academic Excellence** instituted by Architects and Engineers Association (AEA), Thrissur Chapter

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Skills and Certifications

- Modelling Packages -PRO-E, CATIA (Simulia) and AUTOCAD (Diploma in Product Design)
- Analysis Packages: ABAQUS and ANSYS
- MS Office Suite
- Certifications (COURSERA):
 - Python for Everybody, Python Data Structures, Using python to access Web Data
 - Excel Skills for Business – Essentials and Intermediate 1
 - Supply Chain - Planning, Operations and Logistics

Training Programmes attended

- ‘12th Summer School in Tribology’ by Tribology Society of India -2020
- Faculty Development Programme on ‘Machine Learning and Deep Learning’ by Tata Consultancy Services -2020
- AICTE sponsored Faculty Training Programme on ‘Computational Methods in Fluid and Structural Mechanics’ – 2019
- Faculty Development Programme on ‘Computational Methods in Engineering’ – 2019
- FDP on ‘Introductory Training on ANSYS 18.2’ – 2018
- FDP (Workshop) on ‘CFD TOOL – ANSYS FLUENT’ -2016
- Faculty Training Programme on ‘CATIA V6’ (Level I, II and III) – 2015
- STTP (Short Term training Programme) on ‘FINITE ELEMENT ANALYSIS USING ANSYS’ - 2013

Conference/Journal Publications

- ‘A Study on Foundry Sand Reclamation’ International Conference on Technological Convergence in Engineering, Energy and Sustainability (ICTCEES 2020)
- ‘Finite Element Modelling of Sliding Contact Wear in Aluminium’ at International Conference on Materials for the Future - Innovative Materials, Processes, Products and Applications – ICMF 2013 (ISBN 978-93-82338-83-3 © 2013 Bonfring)
- ‘Influence of process parameters on cutting forces and Taguchi based prediction of T42-CT HSS single point cutting tool deflection’, VB Renjith, Mathew Baby, KR Jayadevan, International Journal of Scientific and Research Publications, Volume 3, Issue 7, July 2013 (ISSN 2250-3153)
- ‘Product Life Assessment During the Early Stages of Product Design: A CATIA Based Study’ at NACTON 2012 (National Conference)