

Dr. Jose K Jacob M.Tech, Ph.D
Professor & HOD,
Department of Mechanical Engineering,
Universal Engineering College,
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Resume

Objective

To succeed and venture in to the wide horizons of Mechanical Engineering and to perform my fullest potential and capability contributing to the growth of the organization and eventually be an asset to organization through creative and innovative teaching and administration

Areas of Interest

Reliability Engineering, Quality Engineering, Mechanics of Machinery, Industrial Engineering.

Academic Qualifications

- Ph.D in Mechanical Engineering from Annauniversity, Chennai (2013 March)
- M.Tech in Mechanical Engineering (Production) with First class from Cochin University of Science and Technology (77%).(2008)
- B.Tech Mechanical engineering with First class (64%) from Calicut University. (2000)
- Pre-Degree with First Class (77%) from MG University. (1996)
- SSLC with First Class (64%) from Kerala Board of Examination. (1993)

Paper Publications

- **International Journal**
 1. Jose K Jacob and P.V. Shouri, “Application of Control Chart Based Reliability Analysis in Process Industries”. International Journal of Mechanical Engineering and Technology. Vol. 3, Issue 1, pp. 01 – 13, 2012. ISSN 0976 – 6340.
 2. Jose K Jacob and P.V. Shouri , “Significance of control chart based reliability monitoring and benchmarking in process industries in decision

making”. Elixir Mechanical Engineering (39), pp. 4808-4813, 2011. ISSN 22229 – 712X

3. Jose K Jacob and P. V. Shouri (2010). A Deterministic Reliability Based Model For Process Control. Inter National Journal of Production Technology and Management. Vol. 1, Issue 1 (2010). Pp 32-44
4. Jose K Jacob and Sreejith P.S(2008). “ Process Control Using Reliability Based Control Charts”. Journal of Achievements in Materials and Manufacturing Engineering. Vol. 31. Issue 2, December 2008. Pp 498-504.

- **International and National Conferences**

1. Jose K Jacob and P. V. Shouri (2010). “ Calibrating RMS Value of the Component MTBF with the Process System Availability Using Control Chart Method”.Inter National Conference in Industrial Engineering Applications, Guindy, Anna University Chennai (ICAIEA – 2010).
2. Jose K Jacob and P. V. Shouri (2009). “Control Chart Based Reliability Monitoring – A Model Development”. 4th International Conference on Quality, Reliability and Infocom Technology. New Delhi. 2009. pp
3. Jose K Jacob and P. V. Shouri (2009).” Performance Analysis of Control Chart Based Reliability Monitoring” Inter National Conference on Total Engineering Analysis and Manufacturing Technologies (TEAM TECH -2009). Pp 58
4. Jose K Jacob and Sreejith P.S. (2008).”Control Chart Based Reliability Analysis" International Conference on Reliability, safety and Quality Engineering, January 5-7, 2008 at Nabhikiya Urja Bhavan Auditorium, Nuclear Power Corporation of India Ltd, Anushaktinagar, Mumbai-400094 organized by IIT Bombay and Nuclear Power Corporation of India.pp-471-476
5. Jose K Jacob and P.S. Sreejith (2007) “Importance of Control Chart for Reliability Monitoring In Process Industries” Proceedings of International Conference on Reliability and Safety Engineering December 17-19 , 2007 organized by IIT Kharagpur and Secure Meters.pp 25-31
6. Jose K Jacob and P. S Sreejith (2007). Reliability and Availability Study on a chocolate manufacturing company- Using Control Chart. Abstract Proceedings of the International conference on Modeling and Simulation, CITICOMS 2007, CIT Coimbatore,27-29 August, 2007. Coimbatore, India. pp39.
7. Jose K Jacob and P. S Sreejith (2007).”Significance of Control Chart for Reliability Monitoring - A caes study" International Conference on Advances in Manufacturing Engineering - 2007 (ICAME-2007) October 24 - 26, 2007 being organized by Department of Mechanical and Manufacturing Engineering, Manipal Institute of Technology, Manipal - 576 104, Karnataka, India
8. Jose K Jacob and P. S Sreejith. “Control Chart for Process Reliability Monitoring”. National Conference on Advances in Manufacturing and Industrial Engineering (NCOAIMAIE 2007), 12-14 July 2007, Hyderabad, India. pp 27.

9. Jose K Jacob.” Reliability and Availability study on a confectionery unit”. National Conference on Emerging Trends in Mechanical Engineering (ETME-2007). 04-05 June 2007, NIT Surat, Gujarat, India. pp 43.
10. Jose K Jacob. Process Reliability Modifications in a Confectionery Plant. National Conference on Emerging Trends in Engineering and Technology, 5th May 2007, SAINTGITS College of Engineering, Kottayam, Kerala, India. pp ME 150.
11. Jose K Jacob. Correlating Reliability and Production in a Chocolate Manufacturing Company. National Conference on Recent Trends in Design Dynamics and Manufacturing, 16-17 March 2007. Sant Longowal Institute of Engineering and Technology, Panjab, India. pp 109-112.

Professional Experience

- Presently working as Professor and Head, Department of Mechanical Engineering, Universal Engineering College, Vallivattom, Thrissur, since June 2012.
- Professor and Head in Department of Automobile Engineering, Matha College of Technology, N.Paravur, Affiliated to M.G University from August 2008 to May 2012.
- Guest lecturer in Division of Mechanical Engineering, School of Engineering, CUSAT from June 2007 to June 2008.
- Guest lecturer in Department of Marine Engineering, Eurotech Maritime academy from June 2007 to June 2008 .
- Lecturer (On Contract Basis) in Division of Mechanical Engineering, School of Engineering, CUSAT, since 3rd October 2005 to 31st May 2007
- Guest Lecturer in Division of Mechanical Engineering School of Engineering, CUSAT from August 2003 to September 2005.
- Guest Lecturer in Department of PS&RT CUSAT from 2004 - 2005.
- Lecturer at Solutions Institute of Engineering. & Technology from August 2000 to August 2003.

Subjects Handled

- Engineering Graphics
- Machine Drawing
- Engineering Mechanics
- Mechanics of Solids
- Mechanics of Machinery
- Dynamics of Machinery
- Gas Dynamics

- Thermal Engineering
- Applied Thermodynamics
- Machine Design

Personal Information

Date of Birth : 30-10-1977

Sex : Male

Permanent Address : Kunnamkuzhackal House
Koonammavu P O, Varappuzha
Ernakulam-Dt, Kerala..

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E-Mail : drjosekjacob@gmail.com

Status : Married

Nationality : Indian

Languages Known : Malayalam, English, Hindi

References

1. Dr. P.S. Sreejith,
Director – IHRD Kerala
Ph: 09447812820, 9847533330
2. Dr. Shouri P. V.,
Associate Professor and HOD,
Department of Mechanical Engineering,
Govt. Model Engineering College,
Thrikakkara, Cochin -21.
Ph : 9446290293, 04842577832

Declaration

I Jose K Jacob certify that information furnished above is true to best of my knowledge and belief.

Place: N. Paravur
Date : 08-10-2013

Jose K Jacob