

Personal Introduction

Muralidhar Kaup Shenoy

Proprietor

Kaup Shenoy Associates

Durham, NC 27713

Summary of Experience

- Development of Smart phone engineering apps for Apple, Android, Windows UWP, BlackBerry and Amazon devices. (Kaup Shenoy Associates 2012 – Current) web site: www.flowjoule.com/download.html
- CPI six sigma, Product reliability, life testing and warranty failure analysis. (Caterpillar Inc, Manitowoc Inc, USA 2008-2011).
- “Design and Analysis of flows in Energy Systems” application development, project consulting and training. (TeroTech Consultants, USA, 2003-2008)
- Fluid and Thermal modeling in specialized processes in optical fiber manufacturing. (Corning Inc. USA 2000-2002).
- Fluid Power System Design, modeling and simulation in proto-type design validation projects. (FES/BarDyne Inc, Stillwater, OK USA 1994-1999)
- Energy Efficiency, Operational Reliability & Maintenance Engineering project consulting and training. (National Productivity Council, India, 1977-1992).
- Manufacturing of precision machine tool and automotive components. (HRS, HMT Industrial Estate, Bangalore 1974-77).

Education

- M.S. (Mech), 1993-95, Oklahoma State University, USA
- PG Diploma in Plant Engineering, 1977-79, TIPIE, NPC, Madras.
- B.E. (Mech), 1969-74, KREC, Surthkal, Karnataka

Professional Certification

- Energy Management II (Equipment Efficiency), NC State University, Dept of Continuous Education, Raleigh, NC., USA.
- MCSE (Microsoft Certified System Engineer), 2000.
- EIT, Oklahoma State Board of Professional Engineers, 1998.
- ASQC (American Society for Quality Control) Certified Reliability Engineer (1993-1999)

Professional Training

- NPC & University of Manchester, Institute of science & Technology, A short course on Hazard and Operability study (HAZOP) conducted at Madras, India, Sept.1988.
- ALIRATI, Stockholm, Sweden, Industrial Maintenance Systems and Techniques, Aug. 1981-Oct. 1981.
- IRD Mechanalysis, New Delhi, India, Basic course on Vibration Analysis, Dec. 1980.

Publications

1. “Energy Efficiency and Maintenance System”, e-Publication as supplement to Energy Efficiency Suite of applications for smart phones and PC’s, January 2021.
2. “Combustion Modeling and Heat Balance Sheet”, NPC Work Shop on Recent Trends in Boiler Operation and Maintenance, Bangalore Feb 2-3, 2006.
3. "Machine Monitoring for Quality Assurance” 48th Annual Quality Congress, Las Vegas, NV., May 1994.
4. "Maintenance and Troubleshooting in Hydraulic systems", Maintenance Journal, VOL VII No 4, 1988, NPC New Delhi.
5. "Maintenance of CNC Machines", IIFE national seminar on CNC machines, Lucknow, Oct. 1986.
6. "Preventive Maintenance" programmed lesson published by NPC's Supervisory Development Cell, Madras, India.