

Professional C.V



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Educational Qualifications

- ⇒ **M.Sc.** Mechanical Engineering Passed with first with Distinction class in the year 1998.
- ⇒ **B.Sc.** Mechanical Engineering passed with first class in the year 1989.
- ⇒ **P.G.** Diploma in Computer Application in the year 2000.

Thesis Project

- ⇒ Experimental study for heat transfer and fluid flow in a thermosyphonic solar water heater.
- ⇒ Design and fabrication of centre less roll lapping machine.
- ⇒ Banking management system using C++

Achievement

- ⇒ University Distinction in Master of Engineering

Professional Experience

- ⇒ 18 years of teaching experience at Engineering College as a Senior Lecturer (Mechanical) India.
- ⇒ Worked as a Visiting Faculty in University of Veterinary Sciences-Bidar, India & ICFAI –MBA College-Bidar, India.
- ⇒ 8.0 years of Research experience in a research center as a Mechanical Engineer at Center of Advance Materials, Qatar university-Qatar

Organizational Experience:

Presently working as a Mechanical Engineer at Center of Advanced Materials, Office of Research, Qatar University. Doha-Qatar.

Job Profile: Mechanical Engineer

Jan.2009 to Till Date

I am a part of Center of Advanced Materials, Office of VP for Research, Qatar University, responsible for mechanical testing of materials, Failure Analysis of engineering materials, successfully conducting training Course in Gas Turbine Basics and Gas Turbine Operation & maintenance to the local industry employees, Coordinate with people involved in the research project, managing customer communication, and status reporting. Working as quality coordinator for ISO 17025 Accreditation of the department. Also working as Head of CAM-ISO Committee.

⇒ **Department :** **Center of Advanced Materials, Qatar University, Doha-Qatar**

Roles & Responsibilities:

- ⇒ Failure Analysis of failed parts from local industry and other organizations
- ⇒ Preparation of failure analysis reports.
- ⇒ Working on universal tensile testing machine.

- ⇒ Conducting hardness test on failed parts from industries on Indentec Universal hardness testing machine
- ⇒ Working on impact testing machine.
- ⇒ Conducting test for bending and compression .
- ⇒ Conducting test for chemical analysis of materials on optical emission spectrometry.
- ⇒ Conducting test on X-ray fluorescent spectrometer.
- ⇒ Working as Auditee for mechanical Testing of metals and alloys for ISO 17025, A2LA Accreditation.
- ⇒ Conducting successfully Training courses on Gas Turbine Basics to the local industry employees.
- ⇒ Working on friction/peel testing machine.
- ⇒ Working on Slow Strain Rate Testing Machine
- ⇒ Working on Atomic Force Microscope for Nano-Indentation analysis.
- ⇒ Calibration and maintenance of various mechanical testing machines.

Highlights

- ⇒ Successfully Conducting yearly training courses on Gas turbine Basic & Gas turbine Operation & maintenance to the local industry employees.
- ⇒ Working as a auditee for mechanical testing program for ISO 17025 Accreditation by A2LA.
- ⇒ Working as head of CAM-ISO Committee.
- ⇒ Working as a quality coordinator for CAM- ISO Accreditation methods.
- ⇒ Successfully worked as a coordinator for NBA accreditation for engineering college in India.

Job Profile: Senior Lecturer

Sept.2002 to Jan.2009

Worked as Senior Lecturer of mechanical engineering department in a reputed engineering college in India. Taught various mechanical engineering subjects.

Department: Guru Nanak Dev Engineering College, Bidar, Karnataka, India

Roles & Responsibilities:

- ⇒ Taught Mechanical Engineering subjects such as Turbo Machines, Materials Science, Production Technology, Power plant engineering etc.
- ⇒ Worked as Lab in charge for fluid machinery lab, Materials testing lab, foundry and forging Lab.
- ⇒ Worked as National Board of Accreditation Coordinator New Delhi, India for NBA- Accreditation to the engineering college.
- ⇒ Conducted Mechanical testing lab for engineering students.
- ⇒ Guided engineering students for their final year project work.
- ⇒ Attended Seminars, Conference/workshop at different University/colleges

Job Profile: Lecturer

Nov.1992 to Sept.2002

Worked as Lecturer of mechanical engineering department in a reputed Polytechnic college in India. Taught various mechanical engineering subjects.

Department: Guru Nanak Dev Polytechnic College, Bidar, Karnataka, India

Roles & Responsibilities:

- ⇒ Taught Mechanical Engineering subjects such as Theory of Machines, Engineering Drawing, Production Technology, Machine Drawing etc.
- ⇒ Worked as Lab in charge for Materials testing lab, foundry and forging Lab.
- ⇒ Worked as Coordinator for various activities of the department.
- ⇒ Conducted Mechanical testing lab for the students.
- ⇒ Guided students for their project work.
- ⇒ Attended Seminars, Conference/workshop at different colleges.

Worked as Lecturer of mechanical engineering department in a reputed engineering college in India. Taught various mechanical engineering subjects.

Department: Maharashtra Engineering College, Nilanga, Maharashtra, India

Roles & Responsibilities:

- ⇒ Taught Mechanical Engineering subjects such as Theory of machines, Engineering Drawing, Production technology, Machine Drawing etc.
- ⇒ Worked as Lab in charge for Heat power engineering.
- ⇒ Worked as Coordinator for various activities of the department..
- ⇒ Conducted heat power engineering lab for engineering students.
- ⇒ Guided engineering students for their project work.
- ⇒ Attended Seminars, Conference/workshop at different university/colleges.

Software Skills

- ⇒ Solid Edge V19
- ⇒ Computer Aided Machine Drawing (CAMD)
- ⇒ Computer aided Engineering Drawing.(CAED)
- ⇒ Microsoft office tools- MS Word, Ms Excel, MS Power Point.

Professional Skills & Abilities

- ⇒ Excellent Knowledge of mechanical Engineering.
- ⇒ Strong knowledge of Heat Power Engineering, Materials Science, Machine Design and Drawing.
- ⇒ Flair knowledge of Computer Aided Machine Drawing and Computer Aided Engineering Drawing.
- ⇒ Committed to the highest level of professional and personal excellence.
- ⇒ Quick at adopting new technologies and absorbing business functionalities.
- ⇒ Good experience in backend processing, reports, queries analysis & customer sensitivity.
- ⇒ Good knowledge of failure Analysis, Power Plant Engineering.
- ⇒ Strong work ethics, self-motivated and Teamwork Oriented.
- ⇒ Effective Teaching Skills, Communication, verbal & written skills.
- ⇒ Excellent customer service and Time Management skills.
- ⇒ Ability to handle individually research projects.
- ⇒ A positive attitude towards learning new things.

Training Conducted

- ⇒ As a trainer conducted training course-1 on Gas turbine Basics to local industry employees from 07-11-2010 to 11-11-2010.
- ⇒ As a trainer conducted Gas turbine operation & maintenance training course-2 to the local industry employees from 21-03-2011 to 23-03-2011.
- ⇒ As a trainer conducted training course-3 on Gas turbine Basics to the local industry employees from 28-11-2011 to 30-11-2011.
- ⇒ As a trainer conducted Training course-4 on Gas Turbine Basics to the local industry employees from 06-01-2015 to 08-01-2015.

Training/Seminars/Conference attended

- ⇒ Attended Training course on " Corrosion Knowledge Management" by Qatar University-Qatar on 4th June 2012.
- ⇒ Attended training course on "Uncertainty Measurements" by UKAS, UK from 28th Feb. to 1st March 2012.
- ⇒ Attended training course on "Laboratory Management" by UKAS, UK from 25th Feb. to 27th Feb. 2012.
- ⇒ Attended training course on" Introduction to AFM instrumentation imaging in air by-Asylum Research, UK on 7th October 2011.
- ⇒ Attended training course on" Universal Testing Machine-Lloyd instruments LR-50K Plus" by Gulf Scientific Company-Dubai, from 27th Feb. 3rd March 2011.
- ⇒ Attended training course on ISO-A2LA, USA, from 9th Jan. to 13th Jan 2011.
- ⇒ Attended training course on "Failure analysis (Environment & Mechanical failure)" by Qatar University-Qatar, from 27th Dec.2009 to 7th Jan.2010.
- ⇒ Attended training course on "Optical Emission Spectrometry" by Qatar University-Qatar. From 15th June 2009 to 17th June 2009.
- ⇒ Attended training course on "Indentec (8187.5 LKV) Universal Hardness Testing Machine" by Qatar University-Qatar. On 8th June 2009.
- ⇒ Attended training course on" Instron (5585H)-250KN,Universal Testing Machine" by Qatar University-Qatar. On 14th May 2009.
- ⇒ Attended training course on "Quality Control" by Office of Research-Qatar University-Qatar, on 18th March 2009.
- ⇒ Attended training course on "Computer Aided Machine Drawing" by VTU, Belgaum, India. From 21st July 2008 to 23rd July 2008.
- ⇒ Attended training course on "Computer Aided machine Drawing" by VTU, Belgaum, India. From 26th July 2007 to 29th July 2007.
- ⇒ Attended training course on "Faculty Development Workshop" by GNDEC, Bidar, India. From 21st August 2004 to 23rd August 2004.

Research Area : Study on Nano Composite duplex coatings of Metallic Materials for corrosion prevention in oil and gas industries.

Publications: 1. Characterization & Properties of electro deposition of duplex Ni-B/Ni-P coatings- Under Review.
2. Properties of Duplex Ni-B/Ni-P-CeO₂ Nano Composite Coatings- Under Review

Professional Membership:

Indian Society for Technical Education (**ISTE**)-New Delhi-India, Life Membership No. LM25449.
