

FOUAD EBN MUHAMMED ABDULLA

33 | Male | Married

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Nationality: Indian

Languages: Malayalam, English, Hindi

Summary

Mechanical engineer with masters in Materials engineering from NIT, Karnataka. More than **5 years** of teaching experience at undergraduate and higher secondary school level. Currently working as **Assistant Engineer in Kerala Water Authority, a Govt. of Kerala undertaking.** My aim is to learn and function effectively in an organization and be able to deliver to the bottom-line. To constantly upgrade my knowledge and skills and make a difference in whatever I do.

Educational Qualification

Year	Degree	Specialization	Institute	Percentage/ CGPA
2012 - 2014	M.Tech	Materials Engineering	National Institute of Technology Karnataka, Surathkal, India	8.13 (out of 10)
2007 –2011	B.Tech	Mechanical Engineering	Government Engineering College, Kozhikode(Calicut University), India	72.33
2005-2007	XII / HSE	Science	Sri Rama Krishna Mission HSS, Meenchanda, Calicut	81.00
2005	X/ CBSE	Science	Markazul Uloom English Medium School, Kondotty	86.66

Professional Highlights

Kerala Water Authority: An autonomous authority established for the development of water supply and waste water collection and disposal in the state of Kerala, India. It is a Govt. owned organization and hence a monopoly in most parts of the state. The authority was found on 1st April 1984

Job responsibility: Assistant Engineer

(2018 August – 2022 January)

- Producing designs, both initial outlines and full plans, of sewerage, water treatment and flood defense structures such as pump systems and pipe networks
- Managing and maintaining water and sewerage infrastructure operations
- Presenting project details and technical information to colleagues and clients
- Preparing Detailed Engineering Reports
- Managing project budgets
- Keeping up to date with changes in regulatory legislation and guidelines

- Writing and advertising tender documents and managing contracts
- Liaising with clients, contractors, government agencies, local authorities and suppliers
- Monitoring flood levels
- Supervising staff and site workers
- Using a variety of specialist computer applications/simulation softwares
- Ensuring that projects keep to budgets and timescales
- Maintaining an awareness of current environmental issues.

Delta Gulf Industrial Services, Al Khobar, Saudi Arabia

An ISO 9012015 Certified company which provide various industrial services – vendor inspection services, certifications and training, shutdown and turnaround projects, calibration and inspections.

Job responsibility: Inspection Coordinator

(2017 August –2017 October)

- Develop inspection assignment packages to include all relevant documentation – Purchase Order descriptions and details, Inspection Test Plans (ITP's), Specifications, Drawings, Client/Company Directives and Inspection Checklists based on the material or equipment being inspected.
- Assign Independent Contract Inspectors, provide them with the related and complete documentation for the assignment and coordinate inspections, maintaining communication with the inspectors throughout the projects.
- Notify potential attendee's for pre-inspection meetings.
- Review and monitor inspection reports and material release notices for assignment procedures technical content and accuracy prior to submission to the client.
- Monitor, review for accuracy and approve Inspector Timesheets and Expenses.
- Managing the resolution of the Non Conformance Reports and Outstanding Work Lists.
- Assist and support inspectors with technical information and contact client with any areas of concern.
- Keep the Company Organizational Program, Inspector Tracker, updated daily and accurate as compared to each Contract Inspector's Assignment Schedule, Daily work completed, Inspection Report Submitted and Timesheet submitted for payment.
- Ensure that all documentation received from the inspectors is filed into the correct places in our data control system.

Teaching experience

- Worked as **Assistant professor** at **Veda Vyasa Institute of Technology** (20th Jan 2015 till 4th Jan 2017). Trained Undergraduate Students in the following practical sessions: **Machine shop (Lathe machining, milling, drilling, grinding etc), Heat Exchangers, Heat Engines, Hydraulics lab (Venturi meter, Notches, Weirs, Orifice meter, Pumps, Turbines, blowers), Automobile, Refrigeration, and NDT techniques.**
- **3 years** of teaching at **EDGE(Enhanced Definition for Graduation in Engineering)** solutions in the following subjects: **Engineering Mechanics, Engineering Graphics, Thermodynamics, Dynamics of machinery, Fluid Mechanics, Strength of Materials.**

- worked as **Physics** and **mathematics tutor** (part time) at **Sensorium educational institute** (July 2015 to March 2016)
- Worked as **Physics tutor** and **mathematics tutor** (part time) at **CORE educational institution** since July 2015
- Worked as **Physics tutor** and **mathematics tutor** (part time) at **SPACE academy** since July 2015

Job Responsibilities

- To teach at undergraduate and graduate level in areas allocated by the Head of Department and reviewed from time to time by the Head of Department
- To carry out research and produce publications, or other research outputs, in line with personal objectives agreed in the Staff review process.
- To obtain research funding support.
- To engage with the broader scholarly and professional communities.
- To supervise or assist with supervision of undergraduate students.
- To contribute to the development, planning and implementation of a high quality curriculum.
- To assist in the development of learning materials, preparing schemes of work and maintaining records to monitor student progress, achievement and attendance.
- To participate in departmental and faculty seminars aimed at sharing research outcomes and building interdisciplinary collaboration within and outside the department.
- To participate in the development, administration and marking of exams and other assessments.
- To provide pastoral care and support to students.
- To participate in the administration of the department's programmes of study and other activities as requested.
- To contribute to departmental, faculty, or committees as requested.
- To maintain own continuing professional development.
- To actively follow and promote UCL policies, including Equal Opportunities.
- To maintain an awareness and observation of fire and health and safety regulations.

Industrial Training

Attended Industrial training at Engine Division, **Hindustan Aeronautics Limited (HAL)**, Bangalore in **Machine Shop, NDT, Laboratory, Surface Engineering**, and Cellular Shop (01-07-2013 to 05-08-2013).

Graduate trainee at **Peekay steel castings Ltd**, Calicut and got great exposure in **NDT techniques, Pattern making, melting of steel, mould preparation, Quality Assurance and Quality Control techniques** (05-09-2014 to 30-09-2014)

Academic Projects

M.Tech

Wear and corrosion study of Aluminium-Flyash composites synthesized by Powder metallurgy technique

Successfully synthesized Aluminium-Fly ash composites with varying fly ash content. Project mainly aims at effective utilization of industrial waste, fly ash. Composites produced were lighter than pure Aluminium. Addition of fly ash as particulate reinforcement to Aluminium matrix improved wear resistance, but composite was found more susceptible to corrosion

B.Tech

Design and Fabrication of concrete solar water heater

Project aim is to make use of renewable and environment friendly energy for daily domestic needs. The panel could serve as both roofing as well as water heater. Large quantity of water at a moderate temperature of 45 degree Celsius could be maintained for long duration. There is no need to spend extra energy for heating or maintenance. Hospitals, schools and even industries can make use of this costless technique

Key Skills

- Software Package : EPA NET, EPASWMM, WaterNet Gen, Sewer Gems, QGIS, AutoCAD, MS Office
- Certifications : ASNT Level-II (MT, PT, UT, RT)
- Machineries Operated : Lathe, Drilling machine, Milling machine, UTM, Hardness Testing Machines (Brinell, Rockwell and Vickers), Pin on disc wear test machine, CH Instrument.
- Trained in NDT (Liquid penetrant test, Magnetic testing) from HAL Engine division Bangalore, India

Achievements

- Secured 3rd rank in M.Tech Materials Engineering from National Institute of Technology Karnataka, Surathkal.
- Secured 1st rank among the students presented by school for 10th std examination.
- Qualified twice in GATE, Paper-Mechanical Engineering (2011 & 2012).
- IELTS Score: 6.0

I, the undersigned, certify that to the best of my knowledge and belief, these CVs correctly describe my qualifications, my experience and me.

FOUAD EBN MUHAMMED ABDULLA

FEBRUARY, 2022

REFERENCE AVAILABLE ON REQUEST