

Dr. JAFAR ABDULLAH ALI

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EDUCATION AND QUALIFICATIONS

- 2019 – NCFE in Lean Organization Management Techniques – Northern Council for Further Education – Leeds/ UK.
- 2013 – Leadership for University Mid Level Leader – DAAD / University of Kassel/ Germany.
- 2011 – Teaching and Learning Certificate – University of Huddersfield/ UK.
- 2007 – 2011– PhD in Fluid Flow (Modelling and Simulation) - University of Huddersfield/ UK.
- 2007 – Health Safety and Emergency First Aid at Work Training Course - Leeds City College- Leeds/ UK.
- 2005 – 2006– MSc Engineering Design and Management - University of Huddersfield/ UK.
- 1999 – English Language Certificate - University of Baghdad/ Iraq.
- 1995 – 1999– BSc Mechanical Engineering - University of Baghdad/ Iraq.

WORK HISTORY

- 2019 – 2020 Trainer at “Gasprom Neft Middle East B.V. / Hasira” Duties: deliver theoretical and practical courses in; engineering diagrams, valves, safety instrumented systems and gas flare.
- 2016 – up-to-date Senior Lecturer at “Faculty of Engineering/ Koya University” Duties: teaching and research work
- 2011 – 2016 Lecturer at “Koya University” Duties: Head of Petroleum Engineering Department.
- 2011 – 2013 Affiliate and Campus Worker Partner at (University of Huddersfield) Duties: consultancy works.
- 2007 – 2011 Researcher at (University of Huddersfield) Duties: research, teaching and supervising students.
- 2007 – 2011 Modelling Engineer at (British Waterways) Duties: modelling canal water cooling PT.
- 2010 “Modelling Cooling Water Discharge from Enviroenergy into Nottingham Canal” Industry report to British Waterways, Aug. 2010.
- 2010 “Kirklees College Canal Water Cooling System Heat Rejection” Industry report to Kirklees College, Jul. 2010.
- 2008 “Thermal study of cooling water discharge into British Waterway’s canal at BBC Mail Box”, Industry report to Birmingham BBC Mailbox Ltd. Oct. 2008.
- 2004 – 2005 Machine operator at (Birkbys Plastic Ltd. / West Yorkshire) Duties running presses (producing car spare parts: Jaguar and Land Rover).
- 2003 North East England Refugee Services Duties: interpreter and translator.
- 2001 NGO personal at WFP Duties: registering the poor families to receive support from UN. PT.
- 2000 - 2002 Mechanical Engineer at (Tasluja Cement Factory / Kurdistan) Duties: Design and Maintenance (gearboxes, elevators, fans, mills, kilns, etc.)

SKILLS

- Programming: Developer using; Visual Basic, FORTRAN, MATLAB.
- Software: CAD, Fluent, Pro-Mechanica, MATLAB.
- Management: Plan, Milestone, Gantt Chart.
- Safety: Safety instrumented System SIS, Valves; ESV, PRV, BDV, PRV.
- Quality: ISO, Six Sigma, Risk Assessment FMEA.
- Lean Processing: waste reduction and zero defects.
- Production: Computer Numerical Control CNC setter and field work varies skills.
- Languages: English (fluent), Kurdish (fluent), Arabic (fluent), Turkish (good).

RESEARCH AREA

Modelling and Simulation in Energy and Environment:

- Oil Fields Flare Simulation
- Pipeline Design
- Water and Air Pollution

AWARD

- Awarded the researcher of the year 2010 at the University of Huddersfield

Hobbies

- Watching engineering programs.
- Walking and enjoy playing tennis.

ADDITIONAL INFORMATION

I have good experience in teaching, consultancy works, supervising and managing projects at the fields and at educational institutes. During my research career and work at the University of Huddersfield and Koya University have had the benefit of interfacing with many international companies. I have published journal papers and attended international conferences, in Kurdistan, UK, Japan and Canada and as a result I met professional people from across the world. I have also demonstrated a project in front of MP's in the House of Parliament on 08th March 2010 - in the event of "SET for Britain 2010". I have obtained funds and created new laboratories for the Department of Petroleum Engineering at Koya University. Furthermore I obtained amount \$1.4million from Taq Taq Oil Field as fund to create new PVT laboratory for the Petroleum Engineering Department. I have done hard work with my colleagues during my post as Head of Petroleum Engineering Department to push Koya University to the top of the list of universities in Kurdistan and Iraq. I always combine my industrial skills which is started at the beginning of the year 2000 up to date with my academic experience to achieve the best outcome for the place that I work for whether students or customers. The quality work is my strength; my aim is zero defects and no wastes.