

**1. Full name and date**

- Mohammed, Mudasir Kausar
- Male
- 12.09.2018

**2. Date and place of birth, citizenship, current residence**

- 28.05.1986, India
- Indian
- Abu Dhabi, United Arab Emirates (+971 544409622)

**3. Education and degrees awarded**

- M.Sc., University of Greenwich, Mechanical & Manufacturing, 2012
- Student Administration - Conferments  
3rd Floor Fry Building, Southwood Site & Avery Hill Road, London SE9 2UG  
Tel: 020 8331 9789, Fax: 020 8331 9237  
University of Greenwich, a charity and company limited by guarantee, registered in England (reg no. 986729). Registered Office: Old Royal Naval College, Park Row, Greenwich SE10 9LS.
- B.Eng., Mechanical, Osmania university, 2008
- Controller of Examinations, Osmania University,  
Hyderabad – 500 007  
Tel: 040 – 27682293, 27098072  
Fax: 040 - 27098123

**4. Other education and training, qualifications and skills**

- Research Collaboration Project (Concrete), University of Greenwich, 2017 – 18
- SEM, TEM, XRD – University of Greenwich, 2017 – 18
- Compression Testing, 3 Point Bend, Resistivity, University of Greenwich, 2017-18
- Rolling, Drilling, Welding, Forging, Milling, 3D Printing – UAEU, 2016 - 18
- 3431 Refrigeration Training System, Festo Didactic, 2015 – 16
- 3412 Beverage Cooler Skills Trainer, Festo Didactic, 2015 – 16
- 6090 Process Control Training Systems, Festo Didactic, 2015 – 16
- 3531 Pressure, Flow, Level and Temperature Process Training Systems, 2015 -16
- Automotive Product, Rigs and Diagnostics, LJ Create, 2015 – 16
- Universal Testing Machine, Impact Testing, Corrosion Skills, Oman, 2014 -15

**5. Linguistic skills**

- English: IELTS Academic, 23.06.2018, Score – L(7), R(7.5), W(6), S(8)

**6. Current position**

- **Lab Technologist, Abudhabi Polytechnic, UAE, Aug 12 2018 – Current (Full time)**  
Courses / labs: Quality Management, Material Science, Strength of Materials, Pumps  
Services: Assessments, Advising, Committees
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## 7. Previous work experience

- **United Arab Emirates University, UAE, Aug 2016 – July 2018**  
Full time, Instructor, College of Engineering (Mechanical)  
Teaching: Courses, labs, workshop, tutorials
  - Manufacturing Processes
  - Engineering Materials
  - Building Engineering Systems
  - Design & Manufacturing LabServices: *Academic Committee, Advising, Procurement*
  
- **Military Technological College, Oman, July 2014 – July 2016**  
Full time, Technician / Faculty (Systems Engineering)  
Teaching & Labs: Materials, Mechanical systems, Engineering Science  
Services: *Student visits to military workshops, Accreditation, Course development*
  
- **ECE UK Ltd, Jan 2011 – Dec 2011**  
Job: Assembly of air handling units including fabrication of box, equipment installation using drilling, riveting, bending, grinding  
Research: Master's research project on Quality Management for Design & Manufacturing
  - Developed quality control system for design & manufacturing processes and improved SOP's.
  - Implemented Risk & effect and Cause & effect analysis
  - Successfully avoided common defects up to 30% in manufacturing through process improvement techniques
  - Developed roadmap for in-house implementation of Six Sigma

## 8. Research funding as well as leadership and supervision

- Santander Award, 12 months, 525 GBP (UK)
- Role in the preparation of funding applications for a research group (Prof. Abdel-Hamid I Mourad)
- Supervision of undergraduate researchers (UAEU), Guide (Secondary)
- Experience as officially appointed examiner to Industrial training at UAEU

## 9. Merits in teaching and pedagogical competence (complement by submitting a teaching portfolio)

- Certified user of Blackboard, Smart board
- Developed course content of Materials, HVAC, Advanced HVAC Credit hours (3), Level 3 (UK)
- Development of teaching methodology
- Supervision of term projects

## 10. Awards, prizes and honours

- Distinction in Master's thesis in University of Greenwich, UK, 2011-12 (Industrial Project)

**11. Other academic merits**

- Service as in charge for specific staff training on high tech equipment in labs
- Membership in evaluation or steering committees, as well as purchase of lab / research equipment
- Administrative responsibilities at higher education institutions (MTC, UAEU)
- Attended as peer reviewer in 1<sup>st</sup> sport's conference, Osmania University, India

**12. Scientific and societal impact of research**

- Conference proceedings, 2 journal papers in review on Concrete with Graphene oxide
- Digital Fabrication / Model Making using 3D Printing at UAE University
- Supported by Graphitene (UK) for research results on using Nano material in Concrete
- Use of "LPG & CNG in 4 stroke Engines", District Science fair exhibition, India

**13. Positions of trust in society and other societal merits**

- Advisor for undergraduate research project at UAEU, 2017-18
- Won several awards in Body Building at College, State and University level, 2005-08

**14. Other merits**

- Professional Membership (IMechE)

- 15. References**
1. Dr. Abdel-Hamid I. Mourad  
Professor, Dept. of Mechanical Engineering  
United Arab Emirates University  
Al Ain, UAE  
[ahmourad@uaeu.ac.ae](mailto:ahmourad@uaeu.ac.ae)
  2. Dr. Chi Hieu Le  
Sr. Lecturer  
University of Greenwich  
School of Engineering  
Chatham Maritime  
Kent ME4 4TB, UK  
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