

Dr. Abdulkarim Alansari

MOBILE NUMBER

0544060080

EMAIL

Abdulkarim.Alansari@nbu.edu.sa

Education

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|-------------|---|
| 2010 – 2013 | De Montfort University
Bachelor in Mechanical Engineering |
| 2013 – 2014 | De Montfort University
Master in Mechanical Engineering |
| 2015 – 2019 | De Montfort University
PhD in Mechanical Engineering (materials, tribology and surface engineering) |

Experience

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| 2021 – Present | Assistant Professor

Northern Border University

College of Engineering

Mechanical Engineering
Department |
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Scientific Publications

- Alansari, Y. Sun, Effect of oxidation time on the tribological behavior of thermally oxidized commercially pure zirconium under dry sliding conditions, *Surface and Coatings Technology*, 309 (2017) 195-202. [http:// dx.doi.org/10.1016/j.surfcoat.2016.11.070](http://dx.doi.org/10.1016/j.surfcoat.2016.11.070).
- Alansari, Y. Sun, A comparative study of the mechanical behaviour of thermally oxidised commercially pure titanium and zirconium, *Journal of the Mechanical Behavior of Biomedical Materials*, 74 (2017) 221{231. <http://dx.doi.org/10.1016/j.jmbbm.2017.06.011>.
- Alansari, Y. Sun, Surface finish effect on dry sliding wear behavior of thermally oxidized commercially pure zirconium, *Transactions of Nonferrous Metal Society of China*, 29(2019) 88-97. DOI:/10.1016/S1003-6326(18)64918-0.
- Wagri, N.K.; Jain, N.K.; Petare, A.; Das, S.R.; Tharwan, M.Y.; Alansari, A.; Alqahtani, B.; Fattouh, M.; Elsheikh, A. Investigation on the Performance of Coated Carbide Tool during Dry Turning of AISI 4340 Alloy Steel. *Materials* 2023, 16, 668. <https://doi.org/10.3390/ma16020668>.

Skills

- **Languages:**
Arabic (Mother Tongue).
English (Excellent and fluently).
- **Computer.**
- **Communication effectively with others.**
- **Solving problems and decision making.**
- **Team work.**
- **Self improving and dependability.**
- **Research.**
- **Reading.**
- **Planning, management and leadership.**
- **Commitment to work.**

Training Courses

- **Lean Six Sigma: Green Belt Training Course.**
- **Unique Employee Skills Workshop.**
- **Strategic Planning Training Course.**
- **Writing skills course.**
- **Literature Searching.**
- **Planning and managing research course.**
- **Research Ethics and Integrity.**
- **English Language For Academic Research Purposes.**
- **Artificial Intelligence (AI) in Libraries: Training for Innovation.**
- **Poster Presentation: Effective Designs.**
- **Intellectual Property Rights and Data Management.**
- **Presenting Research To An Audience.**
- **Publishing Research Findings**
- **Preparing For Your Viva.**
- **Derivation of Learning Outcomes From The National Qualifications Framework.**
- **The Future of Knowledge Management.**
- **Digital Archives: 10 bad practices and how to avoid them**

Conferences

- **The 4th International Symposium on Surface Hardening of Corrosion Resistant Materials, June 2016, Malta.**

Academic Awards and Sponsorship

- **Sponsorship from King Abdullah Program to study Bachelor, Masters and PhD.**
- **Excellence award during Bachelor degree (2012/13)**
- **Excellence award during Master degree (2013/14)**
- **Excellence award during PhD degree (2017/18)**
- **Excellence award during PhD degree (2019/20)**