



Faculty Name

Altaf A. Shamsaldeen

Location

Shuwaikh Campus: Building 21, 2nd Floor, Office: S-103

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Education

PhD.	Nanotechnology (Physics), Flinders Univ., Australia	2020
MSc.	Nanotechnology (Physics), Flinders Univ., Australia	2013
BSc.	Applied Physics, Kuwait Univ., Kuwait	2002

Academic Experience

2020 – Present	Assistant Professor, CTS (PAAET)
2013 – 2015	Teaching Assistant, CTS (PAAET)
2004 – 2013	Training Assistant, CTS (PAAET)
2003 – 2004	Administrative Coordinator, Kuwait Univ., Kuwait

Service Activities

- Departmental Committee Memberships:
 - Academic Accreditation Committee (2005 – Present)

Publications

- **Shamsaldeen, A. A., Kloo, L., Yin, Y., Gibson, C., Adhikari, S. G., & Andersson, G. G.** (2021). Influence of TiO₂ surface defects on the adsorption of N719 dye molecules. Physical chemistry chemical physics : PCCP, 23(38), 22160–22173. <https://doi.org/10.1039/d1cp02283k>.
- **Sunita G. Adhikari, Altaf Shamsaldeen, and Gunther G. Andersson**, "The effect of TiCl₄ treatment on the performance of dye-sensitized solar cells", J. Chem. Phys. 151, 164704 (2019) <https://doi.org/10.1063/1.5125996>
- **Amanda V. Ellis, Altaf Al-deen, Habibullah Dalal, and Gunther G. Andersson**, "Structural Determination of Thermally and Hydrazine Treated Graphene Oxide Using Electron Spectroscopic Analysis", The Journal of Physical and chemistry, 1171 pp. 21312-21319, 2013.

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