



Faculty Name

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Location

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Education

PhD.	Applied Mathematics, Univ. of Birmingham, U.K.	2015
MSc.	Applied Mathematics, Univ. of Kuwait, Kuwait	2003
BSc.	Mathematics, Univ. of Kuwait, Kuwait	1999

Academic Experience

2015 – Present Assistant Professor, CTS (PAAET), Kuwait

Service Activities

- Head of Laboratory Technology Department (2023 – Present)
- Assistant Dean of Student Affairs (2020 – 2021)

Publications

1. **Alrashidi, A., & Alkharashi, S. A.** (2024b). Stabilization responses of an infinite porous flow channel containing ferrofluids. *Advanced Studies in Theoretical Physics*, 18(4), 203–221.
<https://doi.org/10.12988/astp.2024.92138>
2. **Alrashidi, A., & Alkharashi, S. A.** (2024). Modeling the link between electric fields and three films of porous channel flow. *Journal of Engineering Science and Technology Review*, 17(3), 1–7.
<https://doi.org/10.25103/jestr.173.01>
3. Alkharashi, S. A., Al-Hamad, K., & **Alrashidi, A.** (2023). Outlining the impact of structural properties of a multilayered porous channel with oscillating velocities and fields. *Dynamics of Atmospheres and Oceans*, 102, 101366.
<https://doi.org/10.1016/j.dynatmoce.2023.101366>
4. Alkharashi, S. A., Al-Hamad, K., & **Alrashidi, A.** (2022). An approach based on the porous media model for multilayered flow in the presence of interfacial surfactants. *Pramana*, 96(3).
<https://doi.org/10.1007/s12043-022-02385-0>
5. Alkharashi, S. A., & **Alrashidi, A.** (2019). Dynamical behaviour of a porous liquid layer of an Oldroyd-B model flowing over an oscillatory heated substrate. *Sadhana*, 45(1).
<https://doi.org/10.1007/s12046-019-1240-8>
6. Alkharashi, S. A., Assaf, A., Al-Hamad, K., & **Alrashidi, A.** (2019). Performance evaluation of insoluble surfactants on the behavior of two electric layers. *Journal of Applied Fluid Mechanics*, 12(2), 573–586.
<https://doi.org/10.29252/jafm.12.02.28618>

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