

Name: Djahida BOUDOUH

Rank: Assistant professor

Department: Materials science and engineering

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Educational Profile:

- PhD in materials science, National polytechnic institute of Constantine.
- Master & engineering degrees in materials science, National polytechnic institute of Constantine, Algeria

Scientific Activities & Membership of Scientific Societies

- **January 2023:** Lecturer and tutorial - General Electronics preparatory class. National Polytechnic School of Constantine.
- **September 2022:** Lab work -Physics 3 preparatory class. National Polytechnic Institute of Constantine.
- **September 2022:** Lecturer, tutorial, and lab work -module: Biomaterials. National Polytechnic School of Constantine.
- **2019 :** Lab work -Solid state physics. National Polytechnic Institute of Constantine.
- **2017-2018 :** Lab work -Physics 3. Superior Normal Institute of Constantine.

List of Current Research Projects

- Development of low-cost, high-performance materials for energy storage.
- Research into the use of carbon fiber-based materials for biomedical applications.

List of Journal Publications

1. D. Boudouh, R. Ikram, B.M. Jan, H.S.C. Metselaar, D. Hamana, G. Kenanakis, 2021, Synthesis, Characterization and Filtration Properties of Ecofriendly Fe₃O₄ Nanoparticles Derived from Olive Leaves, MDPI, 1-16, DOI: 10.3390/ma14154306.
2. D. Boudouh, D. Hamana, H.S.C. Metselaar, S. Achour, L. Chetibi, A.R. Akhyani, 2021, Low temperature green route synthesis of Fe₃O₄-C nanocomposite using olive leaves extract, Mater. Sci. Eng. B. 271, <https://doi.org/10.1016/j.mseb.2021.115276>.