

**Dr. Faaz Ahmed Butt**  
**Assistant Professor**  
**Materials Engineering department**  
**NED University of Engineering and Technology**  
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### Education

PhD (Materials Science and Engineering)	KOC University	Turkey
M.Engg. (Materials Engineering)	NED University of Engg. and Tech.	Pakistan
B.E. (Metallurgical Engineering)	NED University of Engg. and Tech.	Pakistan

### Professional Career

Lecturer- Materials Engineering Department- April 2012 to November 2019

Assistant Professor- Materials Engineering Department- November 2019 till date.

### Current responsibilities

- Teaching courses at undergrad level and postgrad level.
- Supervision of research at various levels (Undergrad and postgrad)
- Dy. Director QECII

### Grants (Projects of worth Rs. 22.4 million/-)

- PI- SEED Fund Grant- 2020-2021 (PKR 1 million/-)
- CoPI- NRPU Grant- 2021-2024 (PKR 15.7 million/-)
- PI- NRPU Grant 2022-2024 (PKR 5.34 million/-)

### Honors

- Recipient of competitive PhD scholarship under Faculty development program by HEC in September 2015 for four years to pursue doctoral studies at KOC University, Turkey.

### Research Focus

1. Energy Generation and Storage
2. Catalysis

### Publications (Please visit google scholar [profile](#))

- Butt, Faaz Ahmed, Mustafa Anwar, and Ugur Unal. "Synthesis of metallic copper nanowires using dielectric barrier discharge plasma and their application in hydrogen evolution reaction." International Journal of Hydrogen Energy (2021).
- Butt, Faaz A., and Syed M. Mohsin Jafri. "Effect of nucleating agents and stabilisers on the synthesis of Iron-Oxide Nanoparticles-XRD analysis." Advances in nano research 3.3 (2015): 169.