

## Aamir Naseem Satti

Lab Engineer

US-Pakistan Center for Advanced Studies in Energy

**Email:** aamirsatti@uspcase.nust.edu.pk

**Contact:** 0512328047

**LinkedIn:**



---

### About

Dr. Aamir Naseem Satti is working as Lab Engineer in the US-Pakistan Center for Advanced Studies in Energy. Dr. Aamir Naseem Satti has published 4 research articles & conference papers having a citation count of 44, carried out 1 projects and filed 0 intellectual property.

---

### Qualifications

<b>MPhil in Material Compounding</b> Alain University of Science and Technology , Germany	2012 - 2013
<b>BS in Polymer Engg</b> Hamdard University , Pakistan	2005 - 2009

---

### Experience

<b>Lab Engineer</b> US-Pakistan Center for Advanced Studies in Energy	2019- Present
<b>Process &amp; design engineer</b> USPCAS-E, NUST , NUST, H12, ISLAMABAD	2017 - 2019
<b>Teaching</b> National Textile University, Faisalabad, Pakistan , NTU Faisalabad	2016 - 2017
<b>Professional</b> MATRIX (Pvt) Ltd, Islamabad, Pakistan , MATrix Humak town islamabad	2015 - 2016

---

### Research Projects

<b>National Projects</b>	
<b>Zirconia coating on Ti-alloy and ceramic substrates for enhanced thermal protection</b> <b>Funding Agency:</b> NESCOM <b>Amount:</b> PKR 300,000.00 <b>Status:</b> Completed	2023

### International Projects

**Impact of atmospheric plasma spraying parameters on microstructure, mechanical properties and thermal cycling performance of YSZ coatings**

Muhammad Tahir Muhammad Qasim Nisar Ahmed Aamir Naseem Satti Anwaar Ellahi Malik Zuhair S. Khan Mustafa Anwar

*Ceramics International* , Volume 50, Issue 24, Part B, Pages 53976-53986

**Impact Factor:** 5.100 | **Quartile:** 1 | **Citations:** 8

**DOI:** <https://doi.org/10.1016/j.ceramint.2024.10.253>

**Self-cleaning study of SiO2 modified TiO2 nanofibrous thin films prepared via electrospinning for application in solar cells**

Izzah Batool Nadia Shahzad Roha Shehzad Aamir Naseem Satti Rabia Liaquat Adeel Waqas Muhammad Imran Shahzad

*Solar Energy* , Volume 268, Article Number 112271

**Impact Factor:** 6.700 | **Quartile:** 2 | **Citations:** 20

**DOI:** [10.1016/j.solener.2023.112271](https://doi.org/10.1016/j.solener.2023.112271)

**Enhancement in the photocatalytic and optoelectronic properties of erbium oxide by adding zinc oxide and molybdenum**

Muhammad Talha Shabbir Tayyab Hussain Sehar Shakir Mustafa Anwar Asif Hussain Khoja Syed Nawaz Aamir Naseem Satti

*Ceramics International* , Volume 49, Issue 12, Pages 19691-19700

**Impact Factor:** 5.2 | **Quartile:** 1 | **Citations:** 9

**DOI:** <https://doi.org/10.1016/j.ceramint.2023.03.086>

**Effects of Annealing Treatment on Corrosion Resistance of Arc Sprayed Aluminum Coating**

Muhammad Abaid Ashraf Nisar Ahmed Zuhair Subhani Khan Muhammad Azhar Iqbal Aamir Naseem Satti Ameerq Farooq

*Journal of Thermal Spray Technology*, Volume 31, Issue 6, Pages 1934-1943

**Impact Factor:** 2.839 | **Quartile:** 3 | **Citations:** 7

**DOI:** <https://doi.org/10.1007/s11666-022-01413-0>