



Department of Materials Science and Engineering  
Khulna University of Engineering & Technology  
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## Biography

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**Nushrat Naushin**

Lecturer

**Research Area** Additive Manufacturing E-waste recycling Ceramics

## Education

### B.Sc in Materials and Metallurgical Engineering

Bangladesh University of Engineering and Technology, Bangladesh (2013-2018) Achievement: Deans Choice Award  
Passed with an Honors (CGPA > 3.75)

### Higher Secondary Certificate

Holy Cross College, Bangladesh (2011-2013)

## Service Records

- **Lecturer**

**Department/Section:** Materials Science and Engineering

**Khulna University of Engineering and Technology** From 01-01-1970 to 01-01-1970

## Research Interest

### Additive Manufacturing

Metal Additive manufacturing

### E-waste recycling

Recycling Cu, Sn from printed circuit boards of computers and mobile phones initially.  
After the initial stages, I intend to move towards value metal recovery

### Ceramics

Characterization techniques

Electronic Properties

Entropy Stabilization effect on multi-element doped ceramics

## Publication

### Books

### Journals

1. Naushin, N., Shahriar, S. M., Roy, O. and Sharif, A. (2020), "Modification in Structural, Morphological, Magnetic and Ferroelectric Properties of Ca-doped Bismuth Ferrite Nanoparticles.," **Journal of Engineering Science**, Khulna University of Engineering and Technology, vol11, no.1, pp.123-131

### Conference