



**Department Nanomaterials and Ceramic Engineering (NCE)**  
Bangladesh University of Engineering and Technology (BUET)

**Seminar on**  
**Development of advanced ceramics based zero emission  
melting and holding furnace**

Date: 15 January, 2025

12:00 pm-1:00 pm

Venue: NCE Class Room (OAB-209), BUET, Dhaka

Target Audience: Postgraduate students, researchers and  
faculty members in engineering

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**Abstract:** Now a days zero emission electric vehicle (EV) becomes popular due to global warming problem. But to produce engines and other parts of the cars tons of carbon dioxide emitted daily ( $24 \times 250$  days in a year, considering vacations) in the conventional gas furnace. We develop zero emission melting and holding furnace that will remarkably reduce carbon dioxide emission.