

# Stanford

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## Sourav Das Suvro

Ph.D. Student in Mechanical Engineering, admitted Autumn 2025

### Bio

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#### PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Adjunct Lecturer, Bangladesh University of Engineering and Technology (BUET) (2024 - 2025)

#### EDUCATION AND CERTIFICATIONS

- Bachelor of Science (B.Sc.), Bangladesh University of Engineering and Technology (BUET) , Mechanical Engineering (2024)
- H.S.C. (12th Standard), Notre Dame College, Dhaka, Bangladesh , Science (2018)
- S.S.C. (10th Standard), Khulna Zilla School, Khulna, Bangladesh , Science (2016)

#### LINKS

- Personal Portfolio: <https://sites.google.com/view/souravsuvro>
- Google Scholar: [https://scholar.google.com/citations?hl=en&user=i715ZLIAAAAJ&view\\_op=list\\_works](https://scholar.google.com/citations?hl=en&user=i715ZLIAAAAJ&view_op=list_works)

### Professional

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#### WORK EXPERIENCE

- Adjunct Lecturer - Bangladesh University of Engineering and Technology (BUET) (August 31, 2024 - June 14, 2025)

### Publications

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#### PUBLICATIONS

- **Effect of Grain Size and Local Chemical Order on Creep Resistance in MoNbTaW Refractory High-Entropy Alloy: A Molecular Dynamics Study** *Modelling and Simulation in Materials Science and Engineering*  
Zafar, S., Ehsan, M. T., Suvro, S., Islam, M., Hasan, M.  
2026; 34 (3)
- **Comparative analysis of proportional, proportional-integral, and proportional-integral-derivative controllers for thermal regulation in a cylindrical cooling system with multiple O-Ring heat sources** *PHYSICS OF FLUIDS*  
Chanda, S., Ratul, M., Tasnim, M., Moni, M., Suvro, S., Saha, S.  
2024; 36 (8)
- **Implementation of An Affordable Gesture-Controlled Robotic Arm: Revolutionizing Patient Care with Precision** *International Conference on Power, Electrical, Electronics and Industrial Applications (PEEIACON)*  
Sarker, A., Suvro, S.  
2024: 690-694