Department of Mechanical Engineering
Khulna University of Engineering & Technology
Khulna - 9203,Tel:041-769471 (191);Fax :041-774403

Md. Golam Kader
Professor
Research Area Analysis of Intensity of singularity in 3D bonded joints by FEM and BEM.

Biography

Welcome to my Personal Webpage. I am Md. Golam Kader, Professor and Head, Department of Mechanical Engineering Khulna University of Engineering & Technology (KUET).

Education

M.Sc. Mechanical Engineering
Khulna Unversity of Engineering and Technology (KUET), Khulna,Bangladesh(2003)
Thesis Title: **Flow and Heat Transfer Characteristics of Wall Jet over Rough Surface.**
B.Sc. Engineering
Khulna Engineering College, Rajshahi University,Bangladesh(1986)Group: Mechanical Engineering,Merit Position: 5th,

Service Records

- **Testing Officer**
  Department/Section: Consultancy, Research & Testing Services (CRTS) Department of Mechanical Engineering
  Khulna University of Engineering & Technology *From to*
- **Professor**
  Department/Section: Department of Mechanical Engineering
  Khulna University of Engineering & Technology *From to*
  Working Area:Teaching & Research
- **Associate Professor**
  Department/Section: Department of Mechanical Engineering
  Khulna University of Engineering & Technology *From 2000-11-19 00:00:00to*
  Working Area:Teaching & Research
- **Assistant Professor**
  Department/Section: Department of Mechanical Engineering
  Khulna University of Engineering & Technology *From to2000-11-19 00:00:00*
  Working Area:Teaching & Research
- **Lecturer**
  Department/Section: Department of Mechanical Engineering
  Khulna University of Engineering & Technology *From to*
  Working Area:Teaching & Research

Research Interest

Analysis of Intensity of singularity in 3D bonded joints by FEM and BEM.

The Intensity of singularity for the bonded joint can be evaluated by the Boundary Element Method (BEM) and Finete Element Method (FEM). In our present investigation, we use 3D transversery isotropic elastic bonded structure. We analyze the optimal material combination such that the intensity of singularity and order of the stress singularity can be minimized in bonded joint.