



Individual Membership Form

Personal information

Title: **Dr.**

Gender: (M/F) **M**

Name: **B Munwar BASHA**

Suffix:

Mailing address (Street or Postal Box): **Assistant Professor, Department of Civil Engineering, Indian**

Institute of Technology Delhi, Hauz Khas, New Delhi, India

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Current affiliation: **Department of Civil Engineering, Indian Institute of Technology Delhi**

Job title: **Assistant Professor**

Education Background

Highest degree received: **Ph.D**

Received from: **Indian Institute of Science, Bangalore (IISc), India**

Major: **Master of Technology from IIT Kanpur**

B.Tech from JNTU College of Engineering, Anantapur, Andhra Pradesh, India.

Professional background

Professional background relevant to GEOSNet:

I have gained expertise in the following fields of geotechnical engineering:

1. Seismic design of retaining structures, sheet pile walls, bridge abutments, and reinforced soil structures
2. Reliability based design optimization and its application to conventional retaining walls, sheet pile walls and Geosynthetic reinforced soil structures
3. Load Resistance Factor Design (LRFD) of bridge abutments under seismic loading using pseudo static

and pseudo dynamic method.

4. Influence of strain localization and phase change on the seismic design of earth retaining structures.

5. Influence of Arching on the optimum design of retaining structures.

Main reasons for your interest in GEOSNet and potential contributions to the network: The main reason to become a member of this group is to discuss the present problems of soil mechanics and share my ideas in providing effective solution to geotechnical engineering problems. Meanwhile I can also learn the problems faced by our geotechnical fraternity.