

**Department Of Metallurgical Engineering And Material Science**  
**Requisition form for Broadband Dielectric Spectrometer (BDS) Facility**  
**E-mail: [bds@iitb.ac.in](mailto:bds@iitb.ac.in) Ph. No. 022-25764634**

External User Registration No. : \_\_\_\_\_ Date:     /     /

1. Name of the User : \_\_\_\_\_

2. Name of the Institute/Organization: \_\_\_\_\_

(Appropriate letter to be enclosed; please see instruction sheet)

3. Email and Tel. No. : \_\_\_\_\_

4. No. of Samples \_\_\_\_\_ Nature of samples: \_\_\_\_\_

5. Sample Code: \_\_\_\_\_

6. Sample Details     Thickness (mm) \_\_\_\_\_ Diameter (mm) \_\_\_\_\_

Temperature range (°C) \_\_\_\_\_

Frequency range (Hz) \_\_\_\_\_

7. Analysis required: \_\_\_\_\_

8. Special requirement if any : \_\_\_\_\_

**Material is not poisonous/toxic in any way (please provide MSDS data sheet)**

We agree to acknowledge the Broadband Dielectric Spectrometer (BDS) Central Facility of IIT BOMBAY in our Publications/Reports/Thesis in which the data is used with due feedback through email

Signature of the User \_\_\_\_\_

**Instructions:**

- A maximum of **six samples/one registration form** will be accepted at a time.
- Maximum sample dimension should be **diameter of 3 cm and thickness 0.3 cm for Low frequency, and diameter 1cm and 0.2 cm thickness for high frequency.**
- After applying silver paste to ceramic samples it should be heated at 150°C at least for one hour.
- Use back side of the form for writing thickness and diameter of more than one sample.

**For official use only:**

<b>Date of experiment:</b>	<b>Name of the operator:</b>
<b>Results sent date:</b>	<b>Signature of operator:</b>