



**Indian Institute of Technology**  
**Department of Biological Sciences and Bioengineering**  
**Kanpur 208 016, INDIA**

***Dr Ashok Kumar***

*Associate Professor*

*Tel: +91-512-259-4051*

*Fax: +91-512-259-4010*

*Email: [ashokkum@iitk.ac.in](mailto:ashokkum@iitk.ac.in)*

**Date: 23-12-2011**

**Closing Date: 05-01-2012**

**Reference: PG Research/CESE/AK/02**

**Subject: Request for submission of quotation/tender for membrane/filter pressure drop analyzer.**

Please send a sealed quotation in duplicate for **membrane/filter pressure drop analyzer**. for our laboratory at Center for Environmental Sciences and Engineering (CESE), Indian Institute of Technology Kanpur (IIT K) with specification and requirement as given below. The quotations should include warranty, educational discounts if any, freight charges etc. The quotation should reach our office at below mentioned address on or before **05.01.2012**.

**Membrane/Filter Pressure Drop Analyzer**

**SPECIFICATIONS**

- Portable Manual Pressure drop analyzer- Pressure Type
- Measure pressure drop across filters, like cigarette filter and filter rods/membranes
- Measurements required - Filter pressure drop.
- Sample length handling – 10 mm to 120 mm.
- Sample circumference handling – 16 mm to 26 mm.
- The machine should manage handling lesser thickness filters/disks also by using supports.
- Accuracy - 5% of the reading OR 2% of FSD.
- Portable type.
- Operation - Manual OR Automatic.
- Utility Requirement - Less than 5 Bar air pressure & either battery operated OR 230V power supply

**Dr. Ashok Kumar**

**Department of Biological Sciences and Bioengineering**

**Indian Institute of Technology Kanpur, Kanpur-208016, UP, India**