

Laboratory **Electronics Test and Development Centre, Housefed Complex,
Central Block, 1st & 2nd Floor, Beltola-Basistha Road, Dispur, Guwahati,
Assam**

Accreditation Standard **ISO/IEC 17025:2005**

Discipline **Optical Calibration** **Issue Date** **23.02.2015**

Certificate Number **C-0824** **Valid Until** **19.11.2016**

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Quantity Measured / Instrument	Range/ Frequency	* Calibration Measurement Capability (\pm)	Remarks
I. OPTICAL			
1. WAVELENGTH ^{\$}	700 nm to 1650 nm	0.5 nm	Using IQ-12002 Optical Calibration System By Comparison Method
2. OPTICAL POWER ^{\$}	10 dBm to (-) 60 dBm	0.5 dBm	Using IQ-12002 Optical Calibration System By Comparison Method
3. LIGHT SOURCE CALIBRATION ^{\$}	(-) 15 dBm to (-) 55 dBm (-) 15 dBm to (-) 55 dBm (700 to 1650) nm	0.1 dBm 0.1 dBm	Using IQ-12002 Optical Calibration System By Direct Measurement with Spectrum Analog
4. OPTICAL LENGTH ^{\$}	0 to 14.9 km	2.0 m to 5.0 m	By Comparison Method with OTDR

* Measurement Capability is expressed as an uncertainty (\pm) at a confidence probability of 95%

^{\$}Only in Permanent Laboratory

**Vishal Shukla
Convenor**

**Avijit Das
Program Manager**