

# Technical Specification for Near-IR Laser

## Pulse laser:

**Wavelength range:** 840-960nm

**Pulse duration:** ~100ns

**Output power:** >30 watt

**Pulse rate:** ~1.6KHz

**Rise/ fall time:** 10ns-50 $\mu$ s

## CW Laser:

**Wavelength range:** 840-960nm

**Output power:** >30 watt

**Modulation frequency:** KHz range (~1.6KHz)

**Note:** An expander for 10cm\*10cm object size along with pulse laser will be preferred as an additional accessory.

**Last date of sending quotation:** 25<sup>th</sup> January 2012

**Send your Quotation to:**

P. K. Panigrahi

Head, Laser Technology Program

IIT Kanpur,

UP 208016