

Department of Civil Engineering, NIT Calicut

PORTABLE LASER AEROSOL SPECTROMETER

Photo of Instrument:



<b>Instrument Name</b>	Portable Laser Aerosol Spectrometer
<b>Instrument Model &amp; Serial No.</b>	11R16019
<b>Instrument Make</b>	Grimm
<b>Category of Instrument</b>	Characterization and Testing
<b>Description of Instrument</b>	Aerosol analysis
<b>Instrument Technical Description and Major Specifications (This Specifications Limited to Major 5)</b>	Aerosol size range measurable 0.25-30 $\mu\text{m}$
<b>Application of Instrument (Limited to Major 4 or 5)</b>	Real time analysis of particulate matter
<b>Type of Sample Required for Analysis / Testing (Quantity, Pre-Preparation, State etc.) Guidelines for Sample Submission – User Instructions</b>	NA
<b>Types of Analysis / Testing</b>	Air quality analysis
<b>Faculty In-Charge Name / Email / Contact</b>	Dr.George K Varghese gkv@nitc.ac.in 9744341214 & Dr. Bhaskar S bhaskars@nitc.ac.in 9742720843

## Department of Civil Engineering, NIT Calicut

<b>Technical Staff Name / Email / Contact</b>	Amardip Kumar Vishvakarma amardeepvns786@gmail.com
<b>Location of Instrument</b>	Environmental Engineering research Laboratory
<b>Other Details</b>	

### User Charges:

S.NO.	Type of Analysis / Testing	Internal - within Department of NITC	Internal - Other Departments NITC	External Academic Educational Institutes	National R&D Labs	Industry
1						
2						
3						

### Slot Booking and Payment Work Flow: