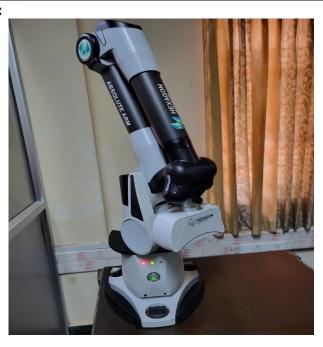
# **Department of Mechanical Engineering, NIT Calicut**

## LASER SCANNER

### **Photo of Instrument:**



Instrument Name	Laser Scanner			
Instrument Model & Serial No.	HP/L/8.9			
Instrument Make	Hexagon Metrology			
Category of Instrument	Characterization and Testing			
<b>Description of Instrument</b>	To measure coordinate points and other form errors.			
<b>Instrument Technical Description</b>	Accuracy 0.04mm			
and Major Specifications (This	Acquisition rate: 45000p/s			
Specifications Limited to Major 5)				
<b>Application of Instrument</b> (Limited	Coordinate, Roundness, Straightness, cylindricity,			
to Major 4 or 5)	Flatness measurements.			
Type of Sample Required for	Sample within the dimensional specifications.			
Analysis / Testing (Quantity, Pre-				
Preparation, State etc.)				
<b>Guidelines for Sample Submission –</b>				
<b>User Instructions</b>				
Types of Analysis / Testing	Non-contact			

# **Department of Mechanical Engineering, NIT Calicut**

Faculty In-Charge Name / Email / Contact	Dr. P. B. Dhanish, dhanish@nitc.ac.in, 9207024889; Dr. Mohammed Rashad K, rashad@nitc.ac.in,			
Technical Staff Name / Email /	9744899126			
	N P Velayudhankutty, npvkutty@nitc.ac.in, 9497158883,04952286440			
Contact				
<b>Location of Instrument</b>	Metrology Lab			
Other Details				

### **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
İ	1	Measurement	nil	Rs. 300/hour	Rs. 500/hour	Rs. 500/hour	Rs. 500/hour

**Slot Booking and Payment Work Flow:**