

Department of Mechanical Engineering, NIT Calicut

ACE CNC LATHE MODEL: LT-16 300 L M

Photo of Instrument:



Instrument Name	CNC Lathe
Instrument Model & Serial No.	LT-16 300LM, 674
Instrument Make	ACE Designers Ltd
Category of Instrument	Advanced Manufacturing facility
Description of Instrument	It is a 2-Axis CNC Lathe and has a horizontal spindle with a work holding device and the tool is located in a fixed position station turret. This machine that handles complex machining operations.
Instrument Technical Description and Major Specifications (This Specifications Limited to Major 5)	CNC system: Fanuc Oi Mate Swing over bed dia: 450mm Swing over carriage dia: 225mm Turning Dia: up to 320mm Turning length: up to 300mm Number of Tools: 8nos
Application of Instrument (Limited to Major 4 or 5)	Precision component manufacturing Manufacturing of large quantities of standardized products.
Type of Sample Required for Analysis / Testing (Quantity, Pre-Preparation, State etc.) Guidelines for Sample Submission – User Instructions	Metal

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Types of Analysis / Testing	Machining
Faculty In-Charge Name / Email / Contact	Dr. Jinu Paul jinupaul@nitc.ac.in 6438
Technical Staff Name / Email / Contact	Mr. Manoj K G manoj@nitc.ac.in 6440
Location of Instrument	Machine section, Central workshop
Other Details	

User Charges:

S.NO.	Type of Analysis / Testing	Internal - within Department of NITC	Internal - Other Departments NITC	External Academic Educational Institutes	National Labs	Industry
1	Machining	nil	Rs. 250/hour	Rs. 500/hour	Rs. 500/hour	Rs. 500/hour

Slot Booking and Payment Work Flow: