

CNC VERTICAL MACHINING CENTRE

Photo of Instrument:



Instrument Name	CNC Vertical Machining Centre
Instrument Model & Serial No.	MCV-300, M10-531
Instrument Make	ACE Manufacturing Systems Ltd.
Category of Instrument	Advanced Manufacturing facility
Description of Instrument	It is a 3-Axis CNC Machining Centre and has vertically oriented spindle that approach work piece mounted on worktable from above and equipped with tool magazine system and automatic tool changer. This machine that handles complex machining operations.
Instrument Technical Description and Major Specifications (This Specifications Limited to Major 5)	CNC system: Fanuc Oi Mate Table size: 650 x 350mm Load on Table: 200 kgf Number of Tools: 12nos Tool shank type: BT-40
Application of Instrument (Limited to Major 4 or 5)	Precision component manufacturing Manufacturing of large quantities of standardized products.

Department of Mechanical Engineering, NIT Calicut

Type of Sample Required for Analysis / Testing (Quantity, Pre-Preparation, State etc.) Guidelines for Sample Submission – User Instructions	Metal
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 Department s NITC	External Academic Educational Institutes	National Labs	Industry
1	Machining	nil	Rs. 300/hour	Rs. 600/hour	Rs. 600/hour	Rs. 600/hour

Slot Booking and Payment Work Flow: