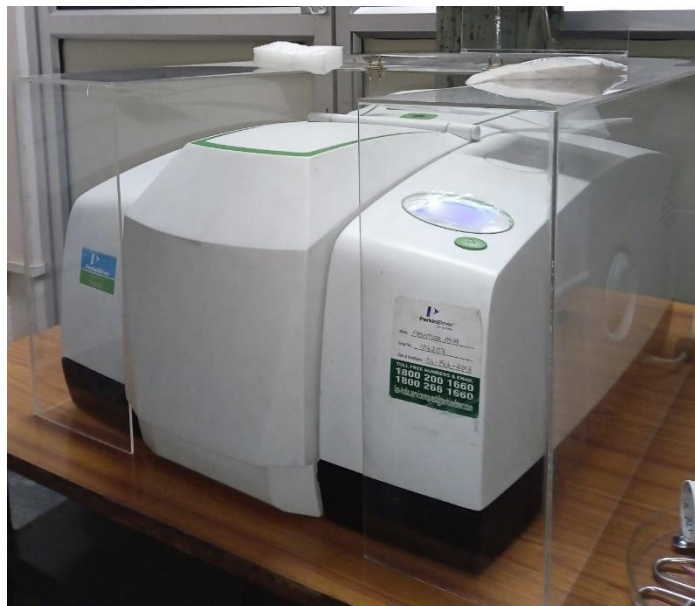


FTIR Spectrometer

Photo of Instrument:



Instrument Name	FT-IR
Instrument Model & Serial No.	FRONTIER MIR,104207
Instrument Make	Perkin Elmer
Category of Instrument	Characterization and Testing
Description of Instrument	Used to obtain an infrared spectrum of absorption or emission of solid, liquid or gas
Instrument Technical Description and Major Specifications (This Specifications Limited to Major 5)	Standard optical system with KBr windows
Application of Instrument (Limited to Major 4 or 5)	Pharmaceuticals and Nutraceuticals Environmental Polymers academia
Type of Sample Required for Analysis / Testing (Quantity, Pre-Preparation, State etc.)	Powder, Thin film

Materials Science and Engineering Department, NIT Calicut

Guidelines for Sample Submission – User Instructions	
Types of Analysis / Testing	ATR and KBr
Faculty In-Charge Name / Email / Contact	Dr. Sandhyarani sandhya@nitc.ac.in
Technical Staff Name / Email / Contact	Akshay Venu akshayvenu@nitc.ac.in
Location of Instrument	Materials Science and Engineering department
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	ATR		150	200+GST	200+GST	1000+GST
2	KBr		150	250+GST	250+GST	1000+GST

Slot Booking and Payment Work Flow:

Contact the Faculty In-charge and Technical Staff through email