

## Department of Chemistry, NIT Calicut

### DIFFERENTIAL SCANNING CALORIMETRY

**Photo of Instrument:**



<b>Instrument Name</b>	Differential Scanning Calorimetry
<b>Instrument Model &amp; Serial No.</b>	Q-20 & 00200850
<b>Instrument Make</b>	TA Instruments
<b>Category of Instrument</b>	Characterization and Testing
<b>Description of Instrument</b>	Temperature: -50°C to +350°C
<b>Instrument Technical Description and Major Specifications (This Specifications Limited to Major 5)</b>	
<b>Application of Instrument (Limited to Major 4 or 5)</b>	Thermal analysis
<b>Type of Sample Required for Analysis / Testing (Quantity, Pre-Preparation, State etc.) Guidelines for Sample Submission – User Instructions</b>	Solid/Liquid 5mg-10mg
<b>Types of Analysis / Testing</b>	Characterization & testing
<b>Faculty In-Charge Name / Email / Contact</b>	Dr. Anuj A Vargeese / aav@nitc.ac.in

## Department of Chemistry, NIT Calicut

<b>Technical Staff Name / Email / Contact</b>	Nikhil K P
<b>Location of Instrument</b>	Sophisticated instrumentation Laboratory
<b>Other Details</b>	Nil

### User Charges:

<b>S.N O.</b>	<b>Type of Analysis / Testing</b>	<b>Internal - within Department of NITC</b>	<b>Internal - Other Department s NITC</b>	<b>External Academic Educational Institutes</b>	<b>National R&amp;D Labs</b>	<b>Industry</b>
1	Room temp - 350°C					
	(a) 20 °C/min	Rs. 350/-	Rs. 350/-	Rs. 600/-	Rs. 600/-	Rs. 1500/-
	(b) 10 °C/min	Rs. 350/-	Rs. 350/-	Rs. 700/-	Rs. 700/-	Rs. 1600/-
	(c) 5 °C/min	Rs. 350/-	Rs. 350/-	Rs. 800/-	Rs. 800/-	Rs. 1700/-
2	-50° to 350°C					
	(a) 20 °C /min	Rs. 450/-	Rs. 450/-	Rs. 700/-	Rs. 700/-	Rs. 1800/-
	(b) 10 °C/min	Rs. 450/-	Rs. 450/-	Rs. 800/-	Rs. 800/-	Rs. 2000/-
	(c) 5 °C/min	Rs. 450/-	Rs. 450/-	Rs. 900/-	Rs. 900/-	Rs. 2200/-

The user charges are excluding tax

### Slot Booking and Payment Work Flow: