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I.I.T. DHARWAD

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Anusandhan
National
Research
Foundation

**TWO DAYS HANDS-ON WORKSHOP
ON**

SPECTROSCOPIC AND COMPUTATIONAL TECHNIQUES IN CHEMISTRY

December 8-9, 2025

organized by

**Department of Chemistry
IIT Dharwad**

Demonstration On



NMR



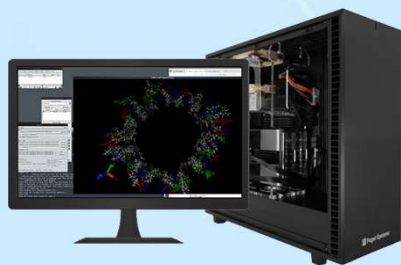
HRMS



FTIR



Gas Chromatography



**Computational
Techniques**



Fluorescence Spectroscopy



UV-Vis Spectroscopy

Convener

Dr. Nilkamal Mahanta

Mentor

Dr. B L Tembe

Organizing Committee

Dr. Rajeswara Rao M

Dr. Sudhir K. Sahoo

Dr. Kundan K. Singh

Dr. Mahesh Gudem

Dr. Supriya Rej

Mr. Deepak P P (JTS)

Free Registration

35 seats only



Scan to Register

**Room No. 119, Academic Block 2, and Room No. 303 CIF, Permanent
Campus, IIT Dharwad, Chikkamalligawad, Dharwad – 580011, Karnataka**



ANRF Sponsored
A Two-Day Hands-on Workshop
On



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“SPECTROSCOPIC AND COMPUTATIONAL TECHNIQUE IN CHEMISTRY”

Organized by

Department of Chemistry, IIT DHARWAD, Karnataka, India-
580011

8 - 9 December 2025

Program Schedule on 8 December 2025

Time	Event
10:15 AM – 10:30 AM	Inauguration and Welcome Prof B L Tembe Venue: Room No. 119, First floor, Academic Block II
10:30 AM – 11:30 AM	Gas Chromatography and IR Spectroscopy Instructor: Dr Kundan Kumar Singh Sagar Venue: Room No. 119, First floor, Academic Block II
11:30 AM – 11:45 AM	Tea Break
11:45 AM – 12:45 PM	Mass Spectrometry Instructor: Dr Nilkamal Mahanta Venue: Room No. 119, First floor, Academic Block II
12:45 PM – 02:00 PM	Lunch Break Venue: Ground Floor, Transit Facility
02:00 PM – 06:00 PM	Demonstration of Gas Chromatography, IR Spectroscopy, and HRMS instruments Demonstrators: Deepak P P, Pavan B, Sharad Pandey, Deepak Kumar, Yashwanth Naik, Dhananjaya G Venue: Room No. 114 and 011, Academic Block II

Program Schedule on 9 December 2025

Time	Event
10:30 AM – 11:30 AM	NMR Spectroscopy and UV-Vis Spectroscopy Instructor: Dr Supriya Rej Venue: Room No. 119, Academic Block II
11:30 AM – 11:45 AM	Tea Break
11:45 AM – 12:45 PM	Fluorescence Spectroscopy and Computational Techniques Instructor: Dr Mahesh Gudem Venue: Room No. 119, Academic Block II
12:45 PM – 02:00 PM	Lunch Break Venue: Ground Floor, Transit Facility
02:00 PM – 05:30 PM	Demonstration of NMR, UV-Vis, and Fluorescence spectroscopy, and Computational Techniques Demonstrators: Deepak P P, Abhijeeth V K, Yashwanth S, Sharad Pandey, Rashi Jain, Annu Yadav Venue: Ground floor, CIF
05:30 PM – 06:00 PM	Valedictory and Certificate Distribution Prof D Narasimha, Dr Nilkamal Mahanta Venue: Room No. 119, First floor, Academic Block II