



# NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA CENTRAL RESEARCH FACILITY

<https://crf.nitk.ac.in/>

## Hands-on Training Program on FT - NMR Facility

Offered experimental modes

Basic Nuclei :

$^1\text{H}$ ,  $^{13}\text{C}$ .

Other Hetero-nuclei :

$^{15}\text{N}$ ,  $^{31}\text{P}$ ,  $^{19}\text{F}$ ,  $^{11}\text{B}$ ,  $^{29}\text{Si}$

(only on request)

Variable temperature range :

$-80\text{ }^\circ\text{C}$  to  $80\text{ }^\circ\text{C}$

Correlation studies :

2D and 3D experiments

### Instrument Details

Make : Bruker

Model : Avance Neo 400 MHz

Facilities: Multinuclear; 1D, 2D and 3D NMR

### Faculty-in-charge:

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Dept. of Chemistry

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### Charges:

Students / Research scholars : Rs. 5000/- (Internal)  
Rs. 8000/- (External)

External (Academic Staff/R&D labs): Rs. 12000/-  
Industry / Others : Rs. 18000/-

For Registration >>>>>

