

University Science Instrumentation Centre (USIC)

University Of Delhi, Delhi-110007

Date: ____ / ____ / ____

Requisition form for using Electron Spin Resonance (ESR) facility

1. Name of the Scholar: _____
2. Name of the Supervisor: _____
3. No. of Samples: _____
4. Nature of sample (Powder/liquid/film/ crystal): _____
5. Sample Code: _____
6. Measurement Conditions:
 - (i) Frequency Mode: **X-band:** _____ **Q-band:** _____
 - (ii) Expected Resonance Frequency (GHz): _____
 - (iii) Magnetic field Range (mT): _____
 - (iv) Resonant Magnetic field (mT): _____
 - (v) Temperature range (°C): _____
 - (vi) Temperature step size (°C): _____
 - (vii) UV exposure (Yes / No): _____
 - (viii) Sample Rotation (Yes / No): _____
 - (ix) Other specific conditions: _____

Note: (i) For temperature below -160°C Liquid Helium is required, User have to arrange liquid Helium by own

(ii) For Q-band, measurements below -160°C is not possible.

(iii) The Q-band and ultra-low temperature ($< -160^{\circ}\text{C}$) measurements will be performed only if sufficient number of samples are available (more than 10 samples).

Signature of the

Student/Scholar: _____

Department: _____

Contact No.: _____

Email id: _____

Signature

of the Supervisor: _____

Department/College: _____

University (with seal)