

**LIST OF LABORATORY INSTRUMENTS WITH THEIR BRIEF DESCRIPTION, FUNCTIONALITIES AND CHARGES FOR ANALYSIS OF SAMPLES**

**ICAR-NBSS&LUP, Regional Centre, Jorhat - 785 004**

Contact :

Director, ICAR-NBSS&LUP

Amravati Road, Nagpur - 440 033


Tel : +91-712-2500386, 2500545

Fax : +91-712-2500534


Email : [director.nbsslup@icar.gov.in](mailto:director.nbsslup@icar.gov.in)

The Demand Draft should be in favour of "**Director, ICAR-NBSS&LUP, Nagpur**"

*Mention Instruments Code & Charges (GOODS AND SERVICE TAX 18 %)*

Sr. No.	Instruments Code	Description	Charges per Sample (in Rs.) Without Tax	Instruments Photo
1	RCJ-AAS	<p><b>Atomic Absorption Spectrophotometer</b> Model: AA-6300 SHIMADZU</p> <p>Brief functionalities : Analysis of micronutrients and heavy metals form soil, sediment and water samples</p>		

2	<b>RCJ-DBS</b>	<b>Double Beam Spectro-photometer</b> Model: 2203 Systronics  Brief functionalities : Analysis of elements and radicals from soil, sediment and water samples based on their spectrometric colour		
3	<b>RCJ-EFP</b>	<b>Emission Flame Photometer</b> Model: CL-361 ELICO  Brief functionalities : Analysis of Sodium and Potassium in soil, sediment and water samples		
4	<b>RCJ-TIEC</b>	<b>Thermo IEC Centrifuge</b> Model: 2K (USA make)  Brief functionalities : Quantitative and qualitative separation of various size fractions of soils and sediments		

5	<b>RCJ-KEL</b>	<b>Kel Plus – Nitrogen Distillation Apparatus</b> Model: Supra LX (VA)  Brief functionalities : Analysis of Nitrogen and Cation Exchange Capacity of soils & sediments		 <p>Kel Plus – Nitrogen Distillation Apparatus</p>
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