



ICAR Research Complex for Eastern Region (ICAR-RCER), Patna

Central Instrumentation Facilities

Sr. No.	Instrument/ Facility	Charges (With consumables)	
		Government Organizations	Private Organizations
1.	Real Time PCR i) Sybr Green (Two step assay) ii) Sybr Green (One step assay) iii) Taqman (without probe)	350/sample 480/sample 350/sample	400/sample 530/sample 400/sample
2.	PCR + Gel Doc	180/sample	230/sample
3.	GC (GHG) instrument, (CO₂, CH₄, and N₂O analysis together, including calibration and concentration output)	1,000 per gas vial/sample	1200 per gas vial/sample

Rate for Analysis of Soil & Plant Sample

(A) Soil

Sr. No.	Parameter	Category wise Rate (Rs.) per sample			Remarks
		A	B	C	
1.	Available N	395.00	475.00	395.00	Sample to be provided in dry form.
2.	Available P	265.00	315.00	265.00	
3.	Available K	395.00	475.00	395.00	

(B) Plant

Sr. No.	Parameter	Category wise Rate (Rs.) per sample			Remarks
		A	B	C	
1.	Total N	1050.00	1260.00	1050.00	Sample to be provided in dry form.
2.	Total P	395.00	475.00	395.00	
3.	Total K	265.00	315.00	265.00	

Note:

- ICAR/SAU/Govt. Institutes or Organization.
- Private Institutes/ Organization/NGOs/ Company/ Individual.
- Farmers (Farmer's ID/ Registration No. is compulsory).

Operational Guidelines for Central Instrumentation Facilities (ICAR-RCER, Patna & FSRCHPR, Ranchi)

The operational guidelines as mentioned below shall be followed for the routine handling and maintenance of the Central Instrumentation Facilities:

1. **Good Laboratory Practices (GLP)**

All research works and other activities with Central Instrumentation Facilities shall be carried out in accordance with the principles of Good Laboratory Practices (GLP).

2. **Maintenance of Logbooks**

Each instrument designated under the Central Instrumentation Facility has an individual logbook. Details of usage, maintenance, calibration, repairs, and other relevant information shall be recorded regularly and compulsorily. The In-Charge of the respective laboratory is responsible for ensuring proper maintenance and periodic verification of these logbooks.

3. **Access and User Charges**

The Central Instrumentation Facility shall be accessible to all scientists, students and technical staff of the Institute, subject to prior scheduling and availability. The facilities may also be extended to external users on a payment basis as per availability. User charges for various instruments and services as decided by the Institute is available in the website.

4. **Responsibility for Equipment**

Users shall ensure proper handling of instruments and adherence to the operating procedures prescribed for each equipment. Any malfunction, damage, or unusual observation shall be immediately reported to the concerned In-Charge.

5. **Booking and Utilization**

Instrument usage shall be on a first-booked, first-served basis, based on the date and time of booking. However, priority shall be given to the concerned In-Charge Scientist of the instrument.

All concerned are requested to extend their cooperation in the effective functioning of the Central Laboratory Facilities and Central Instrumentation Facilities.

Thanking you,

(I/c PME)