

**ITI Proficiency Testing Scheme**  
**Proficiency Testing / ILC Plan-2024**

No	Description of the Proficiency Testing	Matrix	Parameters	tentative Date
01	Chemical Analysis of Foods ITI /CHE & MIC/FOOD /2024/01	Food	Moisture Protein Ash Fat Crude Fiber Sodium (Na) Potassium (K) Phosphorus (P) Calcium (Ca) Magnesium (Mg) Copper (Cu) Zinc (Zn) Iron (Fe) Lead (Pb) Cadmium (Cd) Mercury (Hg) Arsenic (As)	February 2024
02	Calibration PT on Weight ITI /Calibration /Weight /2024/01	F1 class Weights	1kg, 200g, 10g, 500mg, 20mg	February 2024
03	Chemical Analysis of Water- metal ITI /CHE & MIC/WATER/2024/02 (Selected parameters on demand)	Drinking Water	Total Iron (as Fe) (µg/L) Copper ( as Cu) (µg/L) Manganese (as Mg) (µg/L) Zinc (as Zn) (µg/L) Aluminium (as Al) (µg/L) Nickel (as Ni) (µg/L) Sodium (as Na) (µg/L) Arsenic (as As) (µg/L) Cadmium (as Cd) (µg/L) Lead (as Pb) (µg/L) Mercury ( as Total Hg) (µg/L) Selenium (as Se) (µg/L) Chromium (as Cr) (µg/L)	May 2024
04	Calibration PT on Dimension ITI /Calibration / Dimension /2024/02	Vernier caliper	0-150mm	July 2024



05	Chemical Analysis of Waste Water ITI /CHE & MIC/ Waste WATER/2024/03 (Selected parameters on demand)	Waste Water	Biochemical Oxygen Demand Chemical Oxygen Demand Chloride Conductivity pH Total Nitrogen Total Suspended Solids	September 2024
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