

CRCL-ITEC PROGRAMME (JANUARY, 2026)

05th January 2026 to 16th January 2026 (02-Weeks)

**PROFESSIONAL PROGRAMME FOR CUSTOMS LABORATORY CHEMISTS:
CHEMICAL ANALYSIS & HARMONIZED SYSTEM CLASSIFICATION WITH ADVANCED EQUIPMENT
AT CENTRAL REVENUES CONTROL LABORATORY, NEW DELHI, INDIA**

DAY	TIME	ACTIVITY
DAY-1		
Monday 05.01.2026	0930 - 1030	Welcome of the Participants & Registration <ul style="list-style-type: none"> Inaugural Ceremony Welcome, Introduction & Remark by the HOD Brief self-introduction
	1030 - 1100	Group Photograph / High Tea
	1100 - 1215	CRCL & its laboratories and their role in Harmonized System (HS) classification
	1215 - 1330	Tour of Laboratory (Site visit & brief on State-of-Art equipment for examination of Customs & NDPS samples)
	1330 - 1430	Lunch
	1430 - 1545	Necessity of Customs Laboratories
	1545 - 1615	Tea
	1615 - 1730	Harmonized System (HS) classification, testing/ analysis and regulatory compliance under Ch. 27
	1730 - 1755	Open discussion and Q&A
	1755 - 1800	Closing of the Day
DAY-2		
Tuesday 06.01.2026	0930 - 1045	Hands-on training session: Determination of Flash Point by COC, PMCC & ABEL equipment
	1045 - 1100	Tea
	1100 - 1215	Hands-on training session: Quantification of Sulphur content in Petroleum products (Lube Oil, Base Oil, Fuel Oil, Petrol, Kerosene & Diesel) by ED-XRF equipment
	1215 - 1330	Hands-on training session continued
	1330 - 1430	Lunch
	1430 - 1545	Hands-on training session: Distillation of Petroleum product (Diesel & Aviation Turbine Fuel) by Automatic Distillation Unit equipment
	1545 - 1615	Tea
	1615 - 1730	Hands-on training session continued
	1730 - 1755	Open discussion and Q&A
	1755 - 1800	Closing of the Day
DAY-3		
Wednesday 07.01.2026	0930 - 1045	Hands-on training session: Determination of Refractive Index, Kinematic Viscosity, Density and Carbon-chain in Petroleum products (Base Oil) by Automatic Stabinger Viscometer equipment
	1045 - 1100	Tea
	1100 - 1215	Chemical Weapon Convention – Declaration & Verification of chemical facility
	1215 - 1330	Hands-on training session:

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		Physio-chemical analysis i.e. moisture, ash content & volatile matter (dmmf basis) in Solid Fuel (Coal, Coke & Petroleum Coke) by Thermo-Gravimetric Analyzer (TGA) equipment
	1330 - 1430	Lunch
	1430 - 1545	Hands-on training session continued
	1545 - 1615	Tea
	1615 - 1730	Hands-on training session continued
	1730 - 1755	Open discussion and Q&A
	1755 - 1800	Closing of the Day
DAY-4		
Thursday 08.01.2026	0930 - 1045	Regulatory compliance (Hazardous Waste) under Ch. 27 of Harmonized System (HS) - Quantification of Polychlorinated Biphenyls (PCBs), Polycyclic Aromatic Hydrocarbons (PAHs) and heavy metals in waste oil & transformer oil
	1045 - 1100	Tea
	1100 - 1215	Hands-on training session continued
	1215 - 1330	Hands-on training session continued
	1330 - 1430	Lunch
	1430 - 1545	Hands-on training session continued
	1545 - 1615	Tea
	1615 - 1730	Hands-on training session continued
	1730 - 1755	Open discussion and Q&A
1755 - 1800	Closing of the Day	
DAY-5		
Friday 09.01.2026	0930 - 1045	Brief of Ch. 25 & 26 of Harmonized System (HS)
	1045 - 1100	Tea
	1100 - 1215	Hands-on training session: Identification & characterization of nature of Calcium Carbonate (Natural & Synthetic) by ED-XRF, XRD & SEM-EDX equipment
	1215 - 1330	Hands-on training session continued
	1330 - 1430	Lunch
	1430 - 1545	Hands-on training session: Percentage purity of Iron content in Iron Ore by ED-XRF equipment
	1545 - 1615	Tea
	1615 - 1730	Hands-on training session continued
	1730 - 1755	Open discussion and Q&A
1755 - 1800	Closing of the Day	
DAY-6		
Saturday 10.01.2026	0930 - 1800	Study Visit / Heritage Tour at Agra, Uttar Pradesh, India
DAY-7		
Sunday 11.01.2026	HOLIDAY	
DAY-8		
Monday 12.01.2026	0930 - 1045	Overview of percentage purity of Gold, Platinum & other associated impurities in Gold samples by Chemical & Instrumental techniques at New Custom House Laboratory, IGI Airport, New Delhi
	1045 - 1100	Tea
	1100 - 1215	Hands-on training session: Percentage purity of Gold content in Gold Dore Bar sample by Fire-Assay Method at New Custom House Laboratory, IGI Airport, New Delhi
	1215 - 1330	Hands-on training session continued

DAY	TIME	ACTIVITY
	1330 - 1430	Lunch
	1430 - 1545	Hands-on training session: Percentage purity of Gold content in Gold Dore Bar sample by Gravimetric Method at New Custom House Laboratory, IGI Airport, New Delhi
	1545 - 1615	Tea
	1615 - 1730	Hands-on training session continued
	1730 - 1755	Open discussion and Q&A
DAY-9		
Tuesday 13.01.2026	0930 - 1045	Quality Assurance & Quality Control in the field of chemical testing/analysis for Harmonized System (HS)
	1045 - 1100	Tea
	1100 - 1215	Harmonized System of Nomenclature (HSN) and General Imperative Rules (GIR)
	1215 - 1330	Classification of goods (and services) in Customs & Indirect Taxation
	1330 - 1430	Lunch
	1430 - 1545	Textiles & textiles articles and their testing for Harmonized System (HS) classification under Ch. 50 to 63
	1545 - 1615	Tea
	1615 - 1730	Overview of Quantification of 24 Banned Amines in Textile & Textile products by HPLC
	1730 - 1755	Open discussion and Q&A
	1755 - 1800	Closing of the Day
DAY-10		
Wednesday 14.01.2026	0930 - 1045	Hands-on training session: Identification & characterization of textiles & its products by physio-chemical and instrumental analysis (Polarizing Microscope, FTIR & SEM-EDX equipment)
	1045 - 1100	Tea
	1100 - 1215	Hands-on training session continued
	1215 - 1330	Hands-on training session continued
	1330 - 1430	Lunch
	1430 - 1545	Hands-on training session continued
	1545 - 1615	Tea
	1615 - 1730	Hands-on training session: Identification & characterization of coating in textile samples by SEM-EDX equipment
	1730 - 1755	Open discussion and Q&A
	1755 - 1800	Closing of the Day
DAY-11		
Thursday 15.01.2026	0930 - 1045	Hands-on training session: Extraction, identification & quantification of 24 Banned Amines/Azo-Dyes by HPLC & LCMS/MS equipment
	1045 - 1100	Tea
	1100 - 1215	Hands-on training session continued
	1215 - 1330	Hands-on training session continued
	1330 - 1430	Lunch
	1430 - 1545	Hands-on training session continued
	1545 - 1615	Tea
	1615 - 1730	Hands-on training session continued
	1730 - 1755	Open discussion and Q&A
	1755 - 1800	Closing of the Day
DAY-12		

DAY	TIME	ACTIVITY
Friday 16.01.2026	0930 - 1045	Harmonized System (HS) classification & analysis of Plastic (Ch. 39), Rubber (Ch. 40) & articles
	1045 - 1100	Tea
	1100 - 1215	Hands-on training session: Identification & characterization of mono, binary & tertiary polymers by Pyrolysis GCMS equipment
	1215 - 1330	Hands-on training session continued
	1330 - 1430	Lunch
	1430 - 1545	Evaluation
	1545 - 1615	Tea
	1615 - 1730	Feedback and discussion
		Distribution of Certificates
		Closing Ceremony
