



# Pakistan Council of Scientific & Industrial Research

## Ministry of Science & Technology

(Training Wing, PCSIR Head Office, Islamabad)

### PCSIR Training Schedule for the Financial Year 2025-2026

#### 1. Training Offered at PCSIR Laboratories Complex, Karachi (KLC)

**Address:** Shahrah-e-Dr. Salimuzzman Siddiqui, Off University Road, Karachi-75280

**Phone:** 021-99261921-22, 021-99261939.

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
1.	Textile Wet processing	02 days	10 <sup>th</sup> to 11 <sup>th</sup> July, 2025	5000/Participant
2.	One Day Training Workshop Industrial Applications of Chromatographic Technique (HPLC). (WS-PCSIR-24-01)	01 day	2 <sup>th</sup> July, 2025	2000/Student
3.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 days	4 <sup>th</sup> to 05 <sup>th</sup> August, 2025	4000/Professional Participant 2500/Student
4.	Vehicular Emission Analysis	02 days	7 <sup>th</sup> to 8 <sup>th</sup> August, 2025	5000/Participant
5.	Turning Center Programming and Operations using FANUC control	01 Month (three days a week)	11 <sup>th</sup> August to 10 <sup>th</sup> September, 2025	15000/Participant
6.	Atomic Absorption Spectroscopy (AAS) – Flam Ionization Technique and Graphite Technique for Heavy metal analysis	05 days	18 <sup>th</sup> to 22 <sup>nd</sup> August, 2025	10000/ Professional Participant 3000/Student
7.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 days	14 <sup>th</sup> to 15 <sup>th</sup> August, 2025	4000/Professional Participant 2500/Student
8.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 days	21 <sup>st</sup> to 22 <sup>nd</sup> August, 2025	4000/Professional Participant 2500/Student
9.	Liquid Chromatography	05 days	08 <sup>th</sup> to 12 <sup>th</sup> September, 2025	10000/ Professional Participant 2000/Student
10.	Medical Equipment Operating & Maintenance Programme. <b>Course Outline:</b> <ul style="list-style-type: none"><li>• E.R. Equipment</li><li>• I.C.U. Equipment</li><li>• N.I.C.U. Equipment</li><li>• O.T. Equipment</li><li>• A.I. for Medical Technology</li></ul>	01 day	10 <sup>th</sup> September, 2025	2500/Participant
11.	Hands on Training on GCMS-HS	03 days	17 <sup>th</sup> to 19 <sup>th</sup> September, 2025	20,000/professional Participant 10,000/for Students

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
12.	Concepts Awareness of In-vitro Bioavailability of Pharmaceutical Preparations	01 day	18 <sup>th</sup> September, 2025	50000/Professional Participant 2000/ Student
13.	Training on Paper and Paper Board Physical, Chemical and Optical Testing	03 days	22 <sup>nd</sup> to 24 <sup>th</sup> September, 2025	5000/Participant
14.	Measurement Uncertainty	02 days	23 <sup>rd</sup> to 24 <sup>th</sup> September, 2025	20000/Participant
15.	Personnel Competence	02 days	25 <sup>th</sup> to 26 <sup>th</sup> September, 2025	20000/Participant
16.	Quality Control testing of Petroleum Products (Diesel/ Petrol)	05 days	06 <sup>th</sup> to 10 <sup>th</sup> October, 2025	10000/Participant
17.	Implementation ISO-17025:2017 in Food Labs	02 days	08 <sup>th</sup> to 09 <sup>th</sup> October, 2025	15000/Day (KLC) 25000/Day (On-site)
18.	Noise Level Assessment	02 days	14 <sup>th</sup> to 15 <sup>th</sup> October, 2025	5000/Participant
19.	POPs Testing	05 days	13 <sup>th</sup> to 17 <sup>th</sup> October, 2025	10000/Professional Participant 2000/Student
20.	Machining Center Operation using FANUC control.	01 Month (three days a week)	15 <sup>th</sup> to October to 14 <sup>th</sup> November, 025	20,000/Participant
21.	Atomic Absorption Spectroscopy (AAS) - calibration and standard addition technique	02 days	16 <sup>th</sup> to 17 <sup>th</sup> October, 2025	10000/ Professional Participant 3000/Student
22.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 days	22 <sup>nd</sup> to 23 <sup>rd</sup> October, 2025	4000/Professional Participant 2500/Student
23.	Physical, Chemical Parameters, Macro and Micronutrients of Agriculture Soil	03 days	03 <sup>rd</sup> to 05 <sup>th</sup> November, 2025	5000/Student 10000/Professional Participant
24.	Food Safety (Mycotoxin & Microbiology)	05 days	10 <sup>th</sup> to 14 <sup>th</sup> November, 2025	25000/Participant
25.	Toxicological & Efficacy Studies of herbal & pharmaceutical Products in small laboratory animals	03 days	12 <sup>th</sup> to 14 <sup>th</sup> November, 025	3000/Participant
26.	AAS (Hitachi), Cold Vapour Technique, for Mercury analysis	03 days	17 <sup>th</sup> to 19 <sup>th</sup> November, 2025	10000/Professional Participant 3000/Student
27.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 days	19 <sup>th</sup> to 20 <sup>th</sup> November, 2025	4000/Professional Participant 2500/Student
28.	Operation and Maintenance of Laboratory Equipment	01 day	19 <sup>th</sup> November, 2025	2000/Participant
29.	Gas Chromatography	05 days	24 <sup>th</sup> to 28 <sup>th</sup> November, 2025	10000/Professional Participant 2000/Student
30.	Quality Assurance in Feed/Meal Industry	05 days	08 <sup>th</sup> to 12 <sup>th</sup> December, 2025	20000/Participant

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
31.	Complete package including all above training heads	02 weeks	08 <sup>th</sup> to 19 <sup>th</sup> December, 2025	75000/ Professional Participant 10000/Student
32.	Hands-On Training on HPLC and TLC referring to biological samples	01 day	10 <sup>th</sup> December, 2025	50000/Professional Participant 2000/Student
33.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 days	17 <sup>th</sup> to 18 <sup>th</sup> December, 2025	4000/Professional Participant 2500/Student
34.	Wastewater testing	05 days	05 <sup>th</sup> to 09 <sup>th</sup> January, 2026	20,000/Participant Professional 5000/Student
35.	Food Additive Analysis	02 days	06 <sup>th</sup> to 07 <sup>th</sup> January, 2026	20000/Participant
36.	Medical Equipment Operating & Maintenance Programme. <b>Course Outline:</b> <ul style="list-style-type: none"> <li>• E.R. Equipment</li> <li>• I.C.U. Equipment</li> <li>• N.I.C.U. Equipment</li> <li>• O.T. Equipment</li> <li>• A.I. for Medical Technology</li> </ul>	01 day	14 <sup>th</sup> January, 2026	2500/Participant
37.	CAD/CAM using CREO Parametric Software for CNC Machines	02 Months (three days a week)	14 <sup>th</sup> January to 13 <sup>th</sup> March, 2026	20000/Participant
38.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 days	21 <sup>st</sup> to 22 <sup>nd</sup> January, 2026	4000/Professional Participant 2500/Student
39.	Training on International Textile Standards ISO & AATCC	02 days	16 <sup>th</sup> to 17 <sup>th</sup> February, 2026	2000/Participant for group of 10
40.	Microbiological Analysis	05 days	09 <sup>th</sup> to 13 <sup>th</sup> February, 2026	25000/Participant
41.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 days	18 <sup>th</sup> to 19 <sup>th</sup> February, 2026	4000/Professional Participant 2500/Student
42.	Quality assessment of Himalayan Salt	03 days	25 <sup>th</sup> to 27 <sup>th</sup> February, 2026	5000/Participant 10000/Professional Participant
43.	Wastewater testing	05 days	02 <sup>nd</sup> to 06 <sup>th</sup> March, 2026	20,000/Professional Participant 5000/Student
44.	Good Laboratory Practices for Food Processing Quality Labs	03 days	03 <sup>rd</sup> to 05 <sup>th</sup> March, 2026	15000/Participant
45.	Digestion techniques/ sample preparation for food samples for Heavy metal analysis	05 days	09 <sup>th</sup> to 13 <sup>th</sup> March, 2026	10000/Professional Participant 3000/Student
46.	Microbiological Handling and Techniques for Beginners	02 days	18 <sup>th</sup> to 19 <sup>th</sup> March, 2026	50000/Professional Participant 2000/Student

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
47.	Analysis of Iron Ore	02 days	24 <sup>th</sup> to 25 <sup>th</sup> March, 2026	5000/ Student 10000/Professional Participant
48.	Mushroom Culturing Techniques	05 days	13 <sup>th</sup> to 17 <sup>th</sup> April, 2026	25000/Participant
49.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 days	15 <sup>th</sup> to 16 <sup>th</sup> April, 2026	4000/Professional Participant 2500/Student
50.	Hands on Training on GCMS-HS	03 days	15 <sup>th</sup> to 17 <sup>th</sup> April, 2026	20,000/professional Participant 10,000/Student
51.	Conventional Machine Shop Tools Training (Lathe, Surface Grinder, Cylindrical Grinder etc.)	02 Months (three days a week)	15 <sup>th</sup> to 15 <sup>th</sup> April, 2026	10000/Participant
52.	Techniques of Rubber Testing	03 days	22 <sup>nd</sup> to 24 <sup>th</sup> April, 2026	5000/Participant
53.	Plant Tissue Culturing Techniques	05 days	11 <sup>th</sup> to 15 <sup>th</sup> May, 2026	25000/Participant
54.	Quality Assurance and method validations / verifications	02 days	14 <sup>th</sup> to 15 <sup>th</sup> May, 2026	20000/Participant
55.	Pesticide MRL Testing	05 days	18 <sup>th</sup> to 22 <sup>nd</sup> May, 2026	10000/Professional Participant 2000/Student
56.	Flue gas analysis in Generators and Boilers	02 days	18 <sup>th</sup> to 19 <sup>th</sup> May, 2026	5000/ Participant
57.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 days	20 <sup>th</sup> to 21 <sup>st</sup> May, 2026	4000/Professional Participant 2500/Student
58.	Wastewater testing	05 days	01 <sup>st</sup> to 05 <sup>th</sup> June, 2026	20,000/Professional Participant 5000/Student
59.	Basic operations and utilization of hardness testing machine in the field of dental sciences	05 days	08 <sup>th</sup> to 12 <sup>th</sup> June, 2026	10000/Participant
60.	Amino Acid Profiling	03 days	16 <sup>th</sup> to 18 <sup>th</sup> June, 2026	25000/Participant
61.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 days	17 <sup>th</sup> to 18 <sup>th</sup> June, 2026	4000/Professional Participant 2500/Student
62.	Wastewater testing	05 days	22 <sup>nd</sup> to 26 <sup>th</sup> June, 2026	20,000/Professional Participant 5000/Student

## 2- Training Offered at PCSIR Laboratories Complex, Lahore (LLC)

Address: Laboratories Complex, Ferozpur Road Lahore-54600, Phone: 042-99230688-95, 042-99231579.

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
1.	Training on "Energy Efficiency & Performance Evaluation of Refrigerating Appliances"	05 days (10 persons min.)	21 <sup>st</sup> to 25 <sup>th</sup> July, 2025	10000/- per person
2.	Training on "Status of GMO Foods in Pakistan and Laboratories Consideration"	03 days	4 <sup>th</sup> to 6 <sup>th</sup> August, 2025	25000/person
3.	Training on "Mineral contents of food / food products and drinking water using flame photometer"	10 days	18 <sup>th</sup> to 29 <sup>th</sup> August, 2025	25000/- per person
4.	Training on "Measurement traceability"	01 day	4 <sup>th</sup> September, 2025	25000/- per person
5.	Training on "Milk Quality and Adulteration Testing"	02 days	15 <sup>th</sup> & 16 <sup>th</sup> September, 2025	25000/- per person
6.	Training on "Spectroscopic techniques for determination of antioxidants and bioactive compounds etc." FBRC	05 days	29 <sup>th</sup> September to 3 <sup>rd</sup> October, 2025	25000/- per person
7.	Training on "Awareness on Implementation of ISO/IEC 17025: 2017 Standard"	04 days	13 <sup>th</sup> to 16 <sup>th</sup> October. 2025	25000/- per person
8.	Training on "Fat soluble vitamins profile using High Performance Liquid Chromatography (HPLC)"	05 days	20 <sup>th</sup> to 24 <sup>th</sup> October, 2025	25000/- per person
9.	Training on "Instrument and Techniques for Air Quality Monitoring"	01 day	12 <sup>th</sup> November, 2025	25000/- per person
10.	Training on "Performance Evaluation of Lighting Products"	05 days (10 persons Min.)	17 <sup>th</sup> to 21 <sup>st</sup> November, 2025	25000/- per person
11.	Training on "Water soluble vitamins profile using High Performance Liquid Chromatography (HPLC)"	05 days	1 <sup>st</sup> to 5 <sup>th</sup> December, 2025	25000/- per person
12.	Training on "Beverage Production Technology"	02 days	29 <sup>th</sup> & 30 <sup>th</sup> December, 2025	25000/- per person
13.	Training on "Halal Portfolio in Pakistan, Mandate Current Situations and Lab Analysis"	03 days	4 <sup>th</sup> to 6 <sup>th</sup> January, 2026	25000/- per person
14.	Training on "Design & Fabrication of Scientific Laboratory Equipment's"	02 days	14 <sup>th</sup> & 15 <sup>th</sup> January, 2026	25000/- per person
15.	Training on "Performance & Safety Compliance Evaluation of Electric Fans"	05 days (10 persons Min.)	26 <sup>th</sup> to 30 <sup>th</sup> January, 2026	25000/- per person
16.	Training on "Electro polishing/ Passivation Process for Surgical Instruments"	02 days	11 <sup>th</sup> & 12 <sup>th</sup> February, 2026	25000/- per person
17.	Training on "Determination of Mycotoxin in Food and Feed commodities by various methods"	05 days	23 <sup>rd</sup> to 27 <sup>th</sup> February, 2026	25000/- per person
18.	Training on "Role of Micronutrients in Human Nutrition"	02 days	4 <sup>th</sup> & 5 <sup>th</sup> March, 2026	25000/- per person

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
19.	Training on "Electrical Safety of the Appliances"	02 days	16 <sup>th</sup> & 17 <sup>th</sup> March, 2026	25000/- per person
20.	Training on "Flame Atomic Absorption Spectrophotometric (FAAS) Technique for Determination of Different Heavy Metals, Minerals and Micro Minerals in Water and Food Items"	02 days	30 <sup>th</sup> & 31 <sup>st</sup> March, 2026	25000/- per person
21.	Training on "Analytical Instruments IR, HPLC, GC MS, Atomic Absorption Spectrophotometer etc."	02 days	14 <sup>th</sup> & 15 <sup>th</sup> April, 2026	25000/- per person
22.	Training on "CRISPR/Cas Targets Designing; Application in Genome Editing and Beyond"	03 days	27 <sup>th</sup> & 29 <sup>th</sup> April, 2026	25000/- per person
23.	Training on "Estimation of Food grade color and Sudan dyes in various Food commodities"	05 days	18 <sup>th</sup> to 22 <sup>nd</sup> May, 2026	25000/- per person
24.	Training on "Chemical Quality of water"	05 day	8 <sup>th</sup> to 12 <sup>th</sup> June, 2026	2500/- per person

### 3- Training Offered at PCSIR Laboratories Complex, Peshawar (PLC)

Address: University Road, Peshawar – 25120, Phone: 091-9221398-99, 091-9222096.

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
1.	Fruits and vegetables preservation techniques	5 days (Monday to Friday) (8am to 1pm)	July to September, 2025	Rs.5000/-
2.	Water analysis by atomic absorption	5 days (Monday to Friday) (8am to 1pm)	July to September, 2025	Rs.5000/-
3.	Microbiological/ Mycotoxin analysis in food	5 days (Monday to Friday) (8am to 1pm)	July to September, 2025	Rs.5000/-
4.	Chemical composition of food items (proximate/ nutritional analysis)	5 days (Monday to Friday) (8am to 1pm))	July to September, 2025	Rs.5000/-
5.	Food processing and product development ( Jam, Jellies, Squashes, Nectars, tomato paste, tomato ketchup and pickles)	5 days (Monday to Friday) (8am to 1pm)	July to September, 2025	Rs.5000/-
6.	Training on Herbarium Techniques, Plant Identification and Digitilization	05 Days	July to September, 2025	Rs. 5000/- per participant
7.	Training on Antimicrobial Activities, MIC and MBC	05 Days	July to September, 2025	Rs. 5000/- per participant
8.	Fundamental Lab. Techniques in Phytochemistry	05 Days	July to September, 2025	Rs. 5000/- per participant
9.	Training on In-vivo Pharmacological activity	05 Days	July to September, 2025	Rs. 5000/- per participant
10.	Training on Spectroscopic Techniques (HPLC, FTIR, UV)	05 Days	July to September, 2025	Rs. 5000/- per participant
11.	Training on GCMS	05 Days	July to September, 2025	Rs. 5000/- per participant
12.	Training at Pharmaceutical Pilot Plant	05 Days	July to September, 2025	Rs. 5000/- per participant
13.	Practical training on the operation and maintenance of industrial crushers and grinders	05 days	July to September, 2025	Rs. 5000/-
14.	Training on Construction materials testing	2 Weeks	July to September, 2025	Rs. 5000/-
15.	Practical training on the Production of household chemicals	05 days	July to September, 2025	Rs. 5000/-

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
16.	CAD/CAM	4 Week	July to September, 2025	Rs.10000/-
17.	CNC Machining (Milling)	4 Week	July to September, 2025	10000/-
18.	CNC Machining (Turning)	4 Week	July to September, 2025	10000
19.	Laser Engraving & Plasma Cutting	4 Week	July to September, 2025	10000
20.	ISO/IEC-17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories	03 days	July to September, 2025	5000 per participant per day
21.	Documentation Requirements of ISO/IEC 17025:2017 Standard	03 days	July to September, 2025	5000 per participant per day
22.	Uncertainty Measurement in Calibration	02 days	July to September, 2025	5000 per participant per day
23.	Calibration Techniques of Mass / Balances	03 days	July to September, 2025	5000 per participant per day
24.	Calibration Techniques of Volumetric Glass wares			
25.	Calibration Techniques of Temperature Sources/Meters/Gauges/ Liquid in Glass Thermometer			
26.	Calibration Techniques of Dimensional Devices			
27.	Calibration Techniques of Pressure Devices	03 days	July to September, 2025	5000 per participant per day
28.	Calibration Techniques of Electrical Equipment			
29.	Marble Mosaic Orientation	05 Days Mon-Fri	July to September, 2025	5000
30.	Stone engraving	05 Days Mon-Fri	July to September, 2025	5000
31.	Stone Designing	05 Days Mon-Fri	July to September, 2025	5000
32.	Presentation of Stone Products	05 Days Mon-Fri	July to September, 2025	5000
33.	Fruits and vegetables preservation techniques	5 days (Monday to Friday) (8am to 1pm)	October to December, 2025	Rs.5000/-

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
34.	Water analysis by atomic absorption	5 days (Monday to Friday) (8am to 1pm)	October to December, 2025	Rs.5000/-
35.	Microbiological/ Mycotoxin analysis in food	5 days (Monday to Friday) (8am to 1pm)	October to December, 2025	Rs.5000/-
36.	Chemical composition of food items (proximate/ nutritional analysis)	5 days (Monday to Friday) (8am to 1pm))	October to December, 2025	Rs.5000/-
37.	Food processing and product development ( Jam, Jellies, Squashes, Nectars, tomato paste, tomato ketchup and pickles)	5 days (Monday to Friday) (8am to 1pm)	October to December, 2025	Rs.5000/-
38.	Training on Herbarium Techniques, Plant Identification and Digitilization	05 Days	October to December, 2025	Rs. 5000/- per participant
39.	Training on Antimicrobial Activities, MIC and MBC	05 Days	October to December, 2025	Rs. 5000/- per participant
40.	Fundamental Lab. Techniques in Phytochemistry	05 Days	October to December, 2025	Rs. 5000/- per participant
41.	Training on In-vivo Pharmacological activity	05 Days	October to December, 2025	Rs. 5000/- per participant
42.	Training on Spectroscopic Techniques (HPLC, FTIR, UV)	05 Days	October to December, 2025	Rs. 5000/- per participant
43.	Training on GCMS	05 Days	October to December, 2025	Rs. 5000/- per participant
44.	Training at Pharmaceutical Pilot Plant	05 Days	October to December, 2025	Rs. 5000/- per participant
45.	Practical training on the operation and maintenance of industrial crushers and grinders	05 days	October to December, 2025	Rs. 5000/-
46.	Training on Construction materials testing	2 Weeks	October to December, 2025	Rs. 5000/-
47.	Practical training on the Production of household chemicals	05 days	October to December, 2025	Rs. 5000/-
48.	CAD/CAM	4 Week	October to December, 2025	Rs.10000/-
49.	CNC Machining (Milling)	4 Week	October to December, 2025	10000/-
50.	CNC Machining (Turning)	4 Week	October to December, 2025	10000

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
51.	Laser Engraving & Plasma Cutting	4 Week	October to December, 2025	10000
52.	ISO/IEC-17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories	03 days	October to December, 2025	5000 per participant per day
53.	Documentation Requirements of ISO/IEC 17025:2017 Standard	03 days	October to December, 2025	5000 per participant per day
54.	Uncertainty Measurement in Calibration	02 days	October to December, 2025	5000 per participant per day
55.	Calibration Techniques of Mass / Balances	03 days	October to December, 2025	5000 per participant per day
56.	Calibration Techniques of Volumetric Glass wares			
57.	Calibration Techniques of Temperature Sources/Meters/Gauges/ Liquid in Glass Thermometer			
58.	Calibration Techniques of Dimensional Devices	03 days	October to December, 2025	5000 per participant per day
59.	Calibration Techniques of Pressure Devices			
60.	Calibration Techniques of Electrical Equipment			
61.	Marble Mosaic Orientation	05 Days Mon- Fri	October to December, 2025	5000
62.	Stone engraving	05 Days Mon- Fri	October to December, 2025	5000
63.	Stone Designing	05 Days Mon- Fri	October to December, 2025	5000
64.	Presentation of Stone Products	05 Days Mon- Fri	October to December, 2025	5000
65.	Fruits and vegetables preservation techniques	5 days (Monday to Friday) (8am to 1pm)	January to March, 2026	Rs.5000/-
66.	Water analysis by atomic absorption	5 days (Monday to Friday) (8am to 1pm)	January to March, 2026	Rs.5000/-
67.	Microbiological/ Mycotoxin analysis in food	5 days (Monday to Friday) (8am to 1pm)	January to March, 2026	Rs.5000/-

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
68.	Chemical composition of food items (proximate/ nutritional analysis)	5 days (Monday to Friday) (8am to 1pm))	January to March, 2026	Rs.5000/-
69.	Food processing and product development ( Jam, Jellies, Squashes, Nectars, tomato paste, tomato ketchup and pickles)	5 days (Monday to Friday) (8am to 1pm)	January to March, 2026	Rs.5000/-
70.	Training on Herbarium Techniques, Plant Identification and Digitilization	05 Days	January to March, 2026	Rs. 5000/- per participant
71.	Training on Antimicrobial Activities, MIC and MBC	05 Days	January to March, 2026	Rs. 5000/- per participant
72.	Fundamental Lab. Techniques in Phytochemistry	05 Days	January to March, 2026	Rs. 5000/- per participant
73.	Training on In-vivo Pharmacological activity	05 Days	January to March, 2026	Rs. 5000/- per participant
74.	Training on Spectroscopic Techniques (HPLC, FTIR, UV)	05 Days	January to March, 2026	Rs. 5000/- per participant
75.	Training on GCMS	05 Days	January to March, 2026	Rs. 5000/- per participant
76.	Training at Pharmaceutical Pilot Plant	05 Days	January to March, 2026	Rs. 5000/- per participant
77.	Practical training on the operation and maintenance of industrial crushers and grinders	05 days	January to March, 2026	Rs. 5000/-
78.	Training on Construction materials testing	2 Weeks	January to March, 2026	Rs. 5000/-
79.	Practical training on the Production of household chemicals	05 days	January to March, 2026	Rs. 5000/-
80.	CAD/CAM	4 Week	January to March, 2026	Rs.10000/-
81.	CNC Machining (Milling)	4 Week	January to March, 2026	10000/-
82.	CNC Machining (Turning)	4 Week	January to March, 2026	10000
83.	Laser Engraving & Plasma Cutting	4 Week	January to March, 2026	10000
84.	ISO/IEC-17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories	3 days	January to March, 2026	5000 per participant per day
85.	Documentation Requirements of ISO/IEC 17025:2017 Standard	03 days	January to March, 2026	5000 per participant per day
86.	Uncertainty Measurement in Calibration	02 days	January to March, 2026	5000 per participant per day

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
87.	Calibration Techniques of Mass / Balances	03 days	January to March, 2026	5000 per participant per day
88.	Calibration Techniques of Volumetric Glass wares			
89.	Calibration Techniques of Temperature Sources/Meters/Gauges/ Liquid in Glass Thermometer			
90.	Calibration Techniques of Dimensional Devices	03 days	January to March, 2026	5000 per participant per day
91.	Calibration Techniques of Pressure Devices			
92.	Calibration Techniques of Electrical Equipment			
93.	Marble Mosaic Orientation	05 Days Mon-Fri	January to March, 2026	5000
94.	Stone engraving	05 Days Mon-Fri	January to March, 2026	5000
95.	Stone Designing	05 Days Mon-Fri	January to March, 2026	5000
96.	Presentation of Stone Products	05 Days Mon-Fri	January to March, 2026	5000
97.	Fruits and vegetables preservation techniques	5 days (Monday to Friday) (8am to 1pm)	April to June, 2026	Rs.5000/-
98.	Water analysis by atomic absorption	5 days (Monday to Friday) (8am to 1pm)	April to June, 2026	Rs.5000/-
99.	Microbiological/ Mycotoxin analysis in food	5 days (Monday to Friday) (8am to 1pm)	April to June, 2026	Rs.5000/-
100.	Chemical composition of food items (proximate/ nutritional analysis)	5 days (Monday to Friday) (8am to 1pm))	April to June, 2026	Rs.5000/-
101.	Food processing and product development ( Jam, Jellies, Squashes, Nectars, tomato paste, tomato ketchup and pickles)	5 days (Monday to Friday) (8am to 1pm)	April to June, 2026	Rs.5000/-
102	Training on Herbarium Techniques, Plant Identification and Digitilization	05 Days	April to June, 2026	Rs. 5000/- per participant

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
103	Training on Antimicrobial Activities, MIC and MBC	05 Days	April to June, 2026	Rs. 5000/- per participant
104.	Fundamental Lab. Techniques in Phytochemistry	05 Days	April to June, 2026	Rs. 5000/- per participant
105.	Training on In-vivo Pharmacological activity	05 Days	April to June, 2026	Rs. 5000/- per participant
106.	Training on Spectroscopic Techniques (HPLC, FTIR, UV)	05 Days	April to June, 2026	Rs. 5000/- per participant
107.	Training on GCMS	05 Days	April to June, 2026	Rs. 5000/- per participant
108.	Training at Pharmaceutical Pilot Plant	05 Days	April to June, 2026	Rs. 5000/- per participant
109.	Practical training on the operation and maintenance of industrial crushers and grinders	05 days	April to June, 2026	Rs. 5000/-
110.	Training on Construction materials testing	2 Weeks	April to June, 2026	Rs. 5000/-
111.	Practical training on the Production of household chemicals	05 days	April to June, 2026	Rs. 5000/-
112.	CAD/CAM	4 Week	April to June, 2026	Rs.10000/-
113.	CNC Machining (Milling)	4 Week	April to June, 2026	10000/-
114.	CNC Machining (Turning)	4 Week	April to June, 2026	10000
115.	Laser Engraving & Plasma Cutting	4 Week	April to June, 2026	10000
116.	ISO/IEC-17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories	03 days	April to June, 2026	5000 per participant per day
117.	Documentation Requirements of ISO/IEC 17025:2017 Standard	03 days	April to June, 2026	5000 per participant per day
118.	Uncertainty Measurement in Calibration	02 days	April to June, 2026	5000 per participant per day
119.	Calibration Techniques of Mass / Balances	03 days	April to June, 2026	5000 per participant per day
120.	Calibration Techniques of Volumetric Glass wares			
121.	Calibration Techniques of Temperature Sources/Meters/Gauges/ Liquid in Glass Thermometer			
122.	Calibration Techniques of Dimensional Devices	03 days	April to June, 2026	5000 per participant per day
123.	Calibration Techniques of Pressure Devices			

<b>Sr.#</b>	<b>Title of Training</b>	<b>Duration</b>	<b>Scheduled On</b>	<b>Fee (per person)</b>
124.	Calibration Techniques of Electrical Equipment			
125.	Marble Mosaic Orientation	05 Days Mon-Fri	April to June, 2026	5000
126.	Stone engraving	05 Days Mon-Fri	April to June, 2026	5000
127.	Stone Designing	05 Days Mon-Fri	April to June, 2026	5000
128.	Presentation of Stone Products	05 Days Mon-Fri	April to June, 2026	5000

#### 4- Training Offered at Leather Research Centre, Karachi (LRC)

**Address:** D-102, S.I.T.E., South Avenue, Karachi, **Phone:** 021-99333372-76.

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
1.	Measurement of Uncertainty ISO/IEC 17025:2017	Two Days	7 <sup>th</sup> & 8 <sup>th</sup> August, 20 <sup>th</sup> & 21 <sup>st</sup> November, 2025	10,000/- Per Person
2.	Leather / Fiber Identification & QA/QC on Leather	15 Days	15 <sup>th</sup> to 30 <sup>th</sup> September, 2025	35,000/- per Person
3.	Clean Leather Technology	Two Weeks	7 <sup>th</sup> to 18 <sup>th</sup> October, 2025	10,000/- Per Person
4.	Leather Processing (Suede / Nubuck)	15 Days	15 <sup>th</sup> March to 30 <sup>th</sup> March, 2026	15,000/- Per Person
5.	QA/QC on Leather	Two Weeks	18 <sup>th</sup> Jan to 03 Feb, 2026	35,000/- Per Person
6.	Laboratory Management System ISO/IEC 17025: 2017	Two Days	15 <sup>th</sup> March to 17 <sup>th</sup> March, 2026	10,000/- Per Person
7.	Leather Processing & QA/QC on Leather.	Four weeks	30 <sup>th</sup> April to 01 <sup>st</sup> June, 2026	50,000/- Per Person

## 5- Training Offered at Fuel Research Centre, Karachi (FRC)

**Address:** Off University Road, Karachi-75280, **Phone:** 021-99261963.

Sr.#	Title Of Training	Duration	Scheduled On	Fee (per person)
1.	"Analysis of Fuels and related materials	Two weeks	<ul style="list-style-type: none"> <li>• 1<sup>st</sup> July - 15<sup>th</sup> July 2025</li> <li>• 4<sup>th</sup> Aug. - 18<sup>th</sup> Aug. 2025</li> <li>• 19<sup>th</sup> Aug. - 2<sup>nd</sup> Sep. 2025</li> <li>• 4<sup>th</sup> Sep. - 18<sup>th</sup> Sep. 2025</li> <li>• 23<sup>rd</sup> Mar. - 06<sup>th</sup> Apr. 2026</li> </ul>	Rs. 5,000 for professionals and Rs. 2,000 for students
2.	"Fuel Processing and analysis of finished products"	Two weeks	<ul style="list-style-type: none"> <li>• 1<sup>st</sup> July - 15<sup>th</sup> July 2025</li> <li>• 4<sup>th</sup> Aug. - 18<sup>th</sup> Aug. 2025</li> <li>• 19<sup>th</sup> Aug. - 2<sup>nd</sup> Sep. 2025</li> <li>• 4<sup>th</sup> Sep. - 18<sup>th</sup> Sep. 2025</li> <li>• 23<sup>rd</sup> Mar. - 06<sup>th</sup> Apr. 2026</li> </ul>	
3.	"Quantitative Analysis of Heavy Metals utilizing Atomic Absorption Spectroscopy (AAS)"	Three days	<ul style="list-style-type: none"> <li>• 20<sup>th</sup> Oct. – 22<sup>nd</sup> Oct. 2025</li> <li>• 19<sup>th</sup> Jan. – 21<sup>st</sup> Jan. 2026</li> </ul>	
4.	"Quantitative Analysis of Total Sulfur in Coals"	Two days	<ul style="list-style-type: none"> <li>• 1<sup>st</sup> Oct. - 2<sup>nd</sup> Oct. 2025</li> <li>• 15<sup>th</sup> Apr. - 16<sup>th</sup> Apr. 2026</li> </ul>	
5.	"Coal Characterization and Ranking: A Practical Approach"	Three days	<ul style="list-style-type: none"> <li>• 3<sup>rd</sup> Mar. – 5<sup>th</sup> Mar. 2026</li> </ul>	
6.	"Energy Economics of Coal and Biomass in Power and Industrial Applications"	One day	<ul style="list-style-type: none"> <li>• 26<sup>th</sup> Nov. 2025</li> <li>• 14<sup>th</sup> Jan. 2026</li> </ul>	
7.	"Analytical Methods for Coal Testing and Quality Evaluation"	Two days	<ul style="list-style-type: none"> <li>• 15<sup>th</sup> Oct. – 16<sup>th</sup> Oct. 2025</li> <li>• 9<sup>th</sup> Feb - 10<sup>th</sup> Feb, 2026</li> </ul>	
8.	"Density and API Gravity Testing of Crude Oil and Petroleum Products"	One day	<ul style="list-style-type: none"> <li>• 5<sup>th</sup> Nov. 2025</li> <li>• 13<sup>th</sup> May 2026</li> </ul>	
9.	"industrial flue gas analysis"	One day	<ul style="list-style-type: none"> <li>• 28<sup>th</sup> Aug. 2025</li> </ul>	
10.	Environmental Monitoring: Emission Testing and Air Pollution Control from Coal Combustion	One day	<ul style="list-style-type: none"> <li>• 3<sup>rd</sup> Dec. 2025</li> </ul>	

## 6- Training Offered at PCSIR Laboratories, Quetta (QL)

**Address:** Mastung Road, Near Mian Ghundi, P.O.Box No. 387, Quetta, **Phone:** 0304-9910276.

Sr.#	Title Of Training	Duration	Scheduled On	Fee (per person)
1.	Tea Analysis	05 days	22-26 August 2025	5000/Head
2.	Water/wastewater analysis	05 Days	15-19 September 2025	5000
3.	Proximate analysis of food	08 Days	03-12 November 2025	5000
4.	Food Microbiology	05 Days	15-19 December 2025	5000
5.	Food Processing	02 Weeks	09-20 February 2026	10000
6.	Shaking Table Techniques	05 Days	02-06 March 2026	5000
7.	Proximate Analysis of Coal/coke	05 Days	23-27 March 2026	5000
8.	Chemical Analysis of Metallic Minerals	05 Days	06-10 April 2026	5000
9.	Chemical Analysis of Non-Metallic Minerals	05 Days	20-24 April 2026	5000
10.	Crushing and Grinding Techniques	02 days	27-28 April 2026	5000

## 7- Training Offered at PCSIR Laboratories, Hyderabad (HL)

**Address:** Gulshan-e-Shahbaz, Near New Toll Plaza, Hyderabad-Karachi Motorway Location 129 M-9(N), District Jamshoro Sindh, **Phone:** 022-3018990.

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
1.	Introduction to Water analysis Techniques	One Day	17 <sup>th</sup> July 2025	Rs. 3,000 for professionals and Rs. 1,500 for students
2.	Automated water testing system	One Day	26 <sup>th</sup> Nov 2025	-do-
3.	Lab. Waste Management and Safe Disposal	Two Days	10 <sup>th</sup> & 11 <sup>th</sup> Feb 2026	-do-
4.	Good Microbiology Practices.	Three Days	23 <sup>th</sup> to 25 <sup>th</sup> June 2026	-do-

## 8- Training Offered at PCSIR Laboratories, Skardu (SL)

**Address:** PCSIR Labs, Sadpara Road Skardu, **Phone:** 05815-920305.

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
1.	Gems and Mineral Cutting and Faceting	06 Months	April to September, 2025	1800,000/—
2.	Fruit Processing, Preservation and Fruit Handling Techniques	03 Months	August to September, 2025	1200,000/—
3.	Fruit ProceSsing and Dehydration	03 Days	28 - 30 July, 2025	-
4.	Fruit Processing and Dehydration	03 Days	04 - 06 August, 2025	-
5.	Fruit Processing and Preservation	03 Months	September to November, 2025	900,000/-
6.	Reprocessing Techniques of Dried Fruit	03 Days	15 - 17 December, 2025	-

## 9- Training Offered at PCSIR Laboratories, Islamabad (IL)

**Address:** Plot # 16, Sector H-9, Islamabad, **Phone:** 051-9265158.

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
1.	UV-Visible Spectroscopy and ELISA: Principles and Instrumentation	1 day	10 September, 2025	Student: PKR 3000/- Professionals: PKR 6000/-
2.	HPLC Basics and Practical Demonstration	2 days	14 - 15 October, 2025	Student: PKR 5000/- Professionals: PKR 12,000/-
3.	Chemical analysis of Food	3 days	28 – 29 October, 2025	Student: PKR 6000/- Professionals: PKR 15,000/-
4.	The Basics of Optical Emission Spectroscopy (OES)	1 day	12 November, 2025	Student: PKR 4000/- Professionals: PKR 10,000/-
5.	Hands-On Microbiology Training: From Basics to Practical Applications	2 days	3 – 4 December, 2025	Student: PKR 3000/- Professionals: PKR 6000/-
6.	Hands-on Training on Polymers, Ceramics, Enamels, Weather Shield, Cement	4 days	16 – 18 December, 2025	Student: PKR 10,000/- Professionals: PKR 20,000/-
7.	The Basics of Optical Emission Spectroscopy (OES)	1 day	11 February, 2026	Student: PKR 4000/- Professionals: PKR 10,000/-
8.	HPLC Basics and Practical Demonstration	2 days	10 – 11 March, 2026	Student: PKR 5000/- Professionals: PKR 12,000/-
9.	Hands-on Training on Polymers, Ceramics, Enamels, Weather Shield, Cement	4 days	17 – 20 March, 2026	Student: PKR 10,000/- Professionals: PKR 20,000/-
10.	UV-Visible Spectroscopy and ELISA: Principles and Instrumentation	1 day	7 April, 2026	Student: PKR 3000/- Professionals: PKR 6000/-
11.	Chemical analysis of Food	3 days	14 – 16 April, 2026	Student: PKR 6000/- Professionals: PKR 15,000/-
12.	Hands-On Microbiology Training: From Basics to Practical Applications	2 days	6– 7May, 2026	Student: PKR 3000/- Professionals: PKR 6000/-
13.	HPLC Basics and Practical Demonstration	2 days	23 – 24 June, 2026	Student: PKR 5000/- Professionals: PKR 12,000/-

**Note:** Customized training are available on demand for a group of minimum five persons