Pakistan Council of Scientific & Industrial Research
Ministry of Science & Technology
(Training Wing, PCSIR Head Office, Islamabad)

PCSIR Training Schedule for the Financial Year 2026-2027

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.	Introduction to Advanced CNC machining	01 Month	15th October, 2026 to 12th November, 2026	20,000/Student
2.	Basic Physical & Chemical Tests of drinking water	03 Days	14th to 16th October, 2026	5000/Participant
3.	Hands on training on HPLC/ GC /UV	02 Days	19th to 20th October, 2026	10,000/Professional Participant
4.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 Days	23rd to 24th October, 2026	4000/Professional Participant 2500/Student
5.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 Days	28th to 29th October, 2026	4000/Professional Participant 2500/Student
6.	Food & Water Microbiological Analysis and Safety	05 Days	2nd to 6th November, 2026	25,000/Participant
7.	Study of Soil Fertility	05 Days	2nd to 6th November, 2026	15,000/Participant
8.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 Days	16th to 17th November, 2026	4000/Professional Participant 2500/Student
9.	Metals contamination in Water	02 Days	16th to 17th November, 2026	7000/Participant
10.	Wastewater quality testing (Key Parameters)	02 Days	16th to 17th November, 2026	25,000/Group (Max. 10 Students)
11.	Operation and Maintenance of Laboratory Equipment Field: Laboratory Equipment	01 Day	19th November, 2026	2000/Participant
12.	Introduction to CAD/CAM using Creo Parametric Software	02 Months	19th November, 2026 to 21st January, 2027	25,000/Student
13.	Mechanical and QC evaluation of tiles as per ISO 10545	05 Days	23rd to 27th November, 2026	50,000/Participant
14.	Extraction and separation of secondary metabolites through chromatography	02 Days	25th to 26th November, 2026	5000/Student
15.	Hands on training on GCMS	02 Days	9th to 10th December, 2026	25,000/Professional Participant 15,000/Student

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
16.	Textile testing according to ISO standards	05 Days	14th to 18th December, 2026	15000/Participant
17.	Analytical Techniques for Food & Water Quality Assessment	03 Days	16th to 18th December, 2026	To be finalized
18.	Metals contamination in Food, testing and analysis using Atomic Absorption Spectroscopy (AAS), Graphite furnace and Flame Ionization technique	01 Week	21st to 29th December, 2026	25,000/Participant
19.	Calculations of Measurement Uncertainty in Analytical Chemistry	02 Days	21st to 22nd December, 2026	25,000/Participant
20.	One day training workshop Industrial Applications of Chromatographic Technique (HPLC) (WS-PCSIR-26-03)	01 Day	23rd December, 2026	2000/Student
21.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 Days	23rd to 24th December, 2026	4000/Professional Participant 2500/Student
22.	Training-Workshop on research paper writing	01 Day	24th December, 2026	2000/Student
23.	Aflatoxin Detection & Food/Feed Safety Assessment	05 Days	11th to 15th January, 2027	25,000/Participant
24.	Medical Equipment Operating & Maintenance Programme. Field: Medical Equipment **Course Outline:** • E.R. Equipment • I.C.U. Equipment • N.I.C.U. Equipment • O.T. Equipment A.I. for Medical Technology	01 Day	14th January, 2027	2500/Participant
25.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 Days	20th to 21st January, 2027	4000/Professional Participant 2500/Student
26.	Food Additive Analysis by HPLC & UV-Visible Spectrophotometry	02 Days	8th to 9th February, 2027	10,000/Participant
27.	Overview of ores and minerals' analysis by classical and instrumental methods	05 Days	8th to 12th February, 2027	15,000/Participant
28.	Performance analysis of packaging material; Corrugated Cartoon as per ASTM D 642, ISO 3037 & 5628	03 Days	9th to 11th February, 2027	25,000/Participant
29.	Physico-mechanical and stabilization of PVC pipes as per BS 3505	05 Days	1st to 5th March, 2027	50000/Participant
30.	Quality Assurance & Chemical Analysis in Feed/Meal Industry	05 Days	8th to 12th March, 2027	20,000/Participant
31.	Toxicological & efficacy studies of herbal & pharmaceutical products in small laboratory animals	03 Days	9th to 11th March, 2027	3000/Student
32.	Complete water testing –chemical analysis	01 Week	15th to 22nd March, 2027	15,000/Participant
33.	Training on Use Care & Maintenance of	02 Days	17th to 18th	4000/Professional

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
	Scientific & Laboratory Instruments		March, 2027	Participant 2500/Student
34.	Quality testing of Edible Oil	05 Days	5th to 9th April, 2027	15,000/Participant
35.	RAS Water Quality Monitoring & Aquaculture Laboratory Practices	03 Days	12th to 14th April, 2027	To be finalized
36.	Wastewater quality testing (Key Parameters)	02 Days	19th to 20th April, 2027	25,000/Group (Max. 10 Students)
37.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 Days	21st to 22nd April, 2027	4000/Professional Participant 2500/Student
38.	Testing And Analysis of Edible Himalayan Salt	05 Days	10th to 14th May, 2027	25,000/Participant
39.	Training on enzyme characterization for beginners	02 Days	19th to 20th May, 2027	3000/Student
40.	Plant Tissue Culture & Micro-propagation Techniques	03 Days	24th to 26th May, 2027	To be finalized
41.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 Days	27th to 28th May, 2027	4000/Professional Participant 2500/Student
42.	Atomic Absorption Spectroscopy (AAS) – Flam Ionization Technique and Graphite Technique for Heavy metal analysis	01 Week	7th to 15th June, 2027	25,000/Participant
43.	Wastewater quality testing (Key Parameters)	02 Days	7th to 8th June, 2027	25,000/Group (Max. 10 Students)
44.	Hands on Training on GCMS	02 Days	15th to 16th June, 2027	25,000/Professional Participant 15,000/Student
45.	Applied Food Biotechnology, Product Development & Shelf-Life Assessment	05 Days	21st to 25th June ,2027	To be finalized
46.	Training on Use Care & Maintenance of Scientific & Laboratory Instruments	02 Days	23rd to 24th June, 2027	4000/Professional Participant 2500/Student

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

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

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
1.	Training on "Fat soluble vitamins profile using High Performance Liquid Chromatography (HPLC)"	05 days	19th to 23th October,2026	25000/- per person
2.	Training on "Instrument and Techniques for Air Quality Monitoring"	01 day	12th November, 2026	25000/- per person
3.	Training on "Performance Evaluation of Lighting Products"	05 days (10 persons Min.)	16th to 20st November, 2026	25000/- per person
4.	Training on "Water soluble vitamins profile using High Performance Liquid Chromatography (HPLC)"	05 days	7st to 11th December, 2026	25000/- per person

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
5.	Training on "Beverage Production Technology"	02 days	29th & 30th December,2026	25000/- per person
6.	Training on "Halal Portfolio in Pakistan, Mandate Current Situations and Lab Analysis"	03 days	4th to 6th January, 2027	25000/- per person
7.	Training on "Design & Fabrication of Scientific Laboratory Equipment's"	02 days	14th & 15th January, 2027	25000/- per person
8.	Training on "Performance & Safety Compliance Evaluation of Electric Fans"	05 days	25th to 29th January,2027	25000/- per person
9.	Training on "Electro polishing/ Passivation Process for Surgical Instruments"	02 days	11th & 12th February, 2027	25000/- per person
10.	Training on "Determination of Mycotoxin in Food and Feed commodities by various methods"	05 days	22rd to 26th February, 2027	25000/- per person
11.	Training on "Role of Micronutrients in Human Nutrition"	02 days	4th & 5th March, 2027	25000/- per person
12.	Training on "Electrical Safety of the Appliances"	02 days	16th & 17th March, 2027	25000/- per person
13.	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	30th & 31st March, 2027	25000/- per person
14.	Training on **"**Analytical Instruments IR, HPLC, GC MS, Atomic Absorption Spectrophotometer etc."	02 days	14th & 15th April, 2027	25000/- per person
15.	Training on "CRISPR/Cas Targets Designing; Application in Genome Editing and Beyond"	03 days	27th & 29th April, 2027	25000/- per person
16.	Training on "Estimation of Food grade color and Sudan dyes in various Food commodities"	05 days	17th to 21nd May, 2027	25000/- per person
17.	Training on "Chemical Quality of water"	05 day	7th to 11th June, 2027	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	05 working days	October to December, 2026	Rs.5000/-
2.	Physical & Chemical analysis of water	05 working days	October to December, 2026	Rs.5000/-
3.	Water analysis by atomic absorption	05 working days	October to December, 2026	Rs.7000/-

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
4.	Microbiological/ Mycotoxin analysis in food	05 working days	October to December, 2026	Rs.5000/-
5.	Chemical composition of food items (proximate/ nutritional analysis)	05 working days	October to December, 2026	Rs.5000/-
6.	Food processing and product development	05 working days	October to December, 2026	Rs.10000/-
7.	Product preparation techniques	10 working days	October to December, 2026	Rs.20000/-
8.	Quality parameters analysis of Honey	05 working days	October to December, 2026	Rs.5000/-
9.	**Training on Herbarium Techniques, Plant Identification and Digitization** • Plant Identification through Taxonomic markers • Steps of Herbarium Development Digitization of Herbarium	5 days	October to December, 2026	Rs. 5000/-
10.	**Training on Antimicrobial Activities, MIC and MBC** • Media and Sample Preparation • Well Diffusion Method Disc Diffusion Method	5 days	October to December, 2026	Rs. 5000/-
11.	• Minimum Inhibitory Concentration Minimum Bactericidal Concentration	5 days	October to December, 2026	Rs. 5000/-
12.	**Training on in Vitro techniques** • In Vitro Seed germination • Plant Tissue Techniques including Direct and indirect regeneration • Callogenesis & Organogenesis • Cell suspension Culture • Adventitious Root Culture	5 days	October to December, 2026	Rs. 15000/-
13.	Training on Vertical Hydroponics Techniques	5 days	October to December, 2026	Rs. 5000/-
14.	Training on Cannabis Cultivation through Hydroponic Techniques	03 days	October to December, 2026	Rs. 5000/-
15.	Cultivation, harvesting and post harvesting of medicinal herbs.	03 days	October to December, 2026	Rs. 3000/-
16.	**Process/Product Development Techniques** • Extraction, fraction and concentration • Chromatography (TLC, Column, Prep. TLC) • Phytochemical and Physicochemical Screening (Qualitative and Quantitative) • Extraction of oil (Essential and fixed)	5 days	October to December, 2026	Rs. 5000/-

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
17.	Training on In-vivo Pharmacological activity	5 days	October to December, 2026	Rs. 5000/-
18.	Training on Tablet Testing Techniques	03 days	October to December, 2026	Rs. 5000/-
19.	**Training on Spectroscopic Techniques** ❖ **HPLC** ❖ **UV** ❖ **VTIR** • Introductory Lecture • Specific procedure • Method Development	5 days	October to December, 2026	Rs. 5000/- Rs. 5000/- Rs. 5000/-
20.	**Training on GC MS** • 68Lecture on instrumentation and general/ specified application of GC-MS • Pesticide residue quantification • Fatty acid profile of fixed oils • Analysis of essential oil • Extract component profiling	5 days	October to December, 2026	Rs. 5000/-
21.	Training on Atomic Absorption	03 days	October to December, 2026	Rs. 5000/-
22.	**Training on Molecular Techniques** • PCR • q PCR • SDS-PAGE • Introduction to identification of plants/herb by DNA bar coding approach • Gel electrophoresis • Gel documentation techniques Analysis of sequencing date with quality check	5 days	October to December, 2026	Rs. 10000/-
23.	Training on Fermenter	02 days	October to December, 2026	Rs. 5000/-
24.	Training on ELISA Plate Reader	02 days	October to December, 2026	Rs. 5000/-
25.	Training on Molecular Docking	1 day	October to December, 2026	Rs. 5000/-
26.	**Training on Cosmeceutical Product Development** Formulation of • Creams • Shampoo Soap.	5 days	October to December, 2026	Rs. 10000/-
27.	**Basic Techniques in Synthetic Chemistry** • Measuring and handling chemicals (solids, liquids) • Setting Up Reactions (reaction flasks, stirring, cooling, reflux) • Reaction monitoring (Thin Layer Chromatography (TLC))	15 days	October to December, 2026	Rs. 15000/-

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
	Purification Techniques (Crystallization, Column Chromatography, Prep-TLC)			
28.	**Training at Pilot Plant** • Tablet formulation and preparation • Extraction and concentration on Large Scale Rotary Evaporator Supercritical CO_2 Extraction	5 days	October to December, 2026	• Rs. 5000/- • Rs. 5000/- • Rs. 5000/-
29.	Practical Training in the Operation of Industrial Crushers and Grinders	03 days	October to December, 2026	Rs. 5000/-
30.	Practical Training in the Construction Materials Testing	2 Weeks	October to December, 2026	Rs. 5000/-
31.	Practical Training in the Production of Washing Powder	02 days	October to December, 2026	Rs. 5000/-
32.	Practical Training in the Production of Hand Wash, Dish Wash, & Car Wash Liquids	03 days	October to December, 2026	Rs. 5000/-
33.	Practical Training on the Production of Distemper & Weather Shield Paints	03 days	October to December, 2026	Rs. 5000/-
34.	Practical Training on the Froth Flotation of Ores & Minerals	03 days	October to December, 2026	Rs. 5000/-
35.	CAD/CAM	4 Week	October to December, 2026	Rs. 10000/-
36.	CNC Machining (Milling)	4 Week	October to December, 2026	Rs. 10000/-
37.	CNC Machining (Turning)	4 Week	October to December, 2026	Rs. 10000/-
38.	Laser Engraving & Plasma Cutting	4 Week	October to December, 2026	Rs. 10000/-
39.	FDM 3D Printer	2 Weeks	October to December, 2026	Rs. 10000/-
40.	SLA 3D Printer	2 Weeks	October to December, 2026	Rs. 10000/-
41.	FAM 3D Printer	2 Weeks	October to December, 2026	Rs. 10000/-
42.	Reverse Engineering & 3D Scanning	2 Weeks	October to December, 2026	Rs. 10000
43.	ISO/IEC-17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories	03 days	October to December, 2026	5000 per participant per day
44.	Calibration Techniques of Dimension, Pressure and Electrical & Electronics Parameters	02 days	April to June, 2027	5000 per participant per day

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
45.	Stone Mosaic Crafting	03 months	October to December, 2026	10,000/month
46.	Marble technician (NAVTTC Approved)	06 months	October to December, 2026	10,000/month
47.	Fruits and vegetables preservation techniques	05 working days	January-March, 2027	Rs.5000/-
48.	Physical & Chemical analysis of water	05 working days	January-March, 2027	Rs.5000/-
49.	Water analysis by atomic absorption	05 working days	January-March, 2027	Rs.7000/-
50.	Microbiological/ Mycotoxin analysis in food	05 working days	January-March, 2027	Rs.5000/-
51.	Chemical composition of food items (proximate/ nutritional analysis)	05 working days	January-March, 2027	Rs.5000/-
52.	Food processing and product development	05 working days	January-March, 2027	Rs. 10000/-
53.	Product preparation techniques	10 working days	January-March, 2027	Rs.20000/-
54.	Quality parameters analysis of Honey	05 working days	January-March, 2027	Rs.5000/-
55.	Training on Herbarium Techniques, Plant Identification and Digitalization	05 Days	January-March, 2027	Rs. 5000/-
56.	Training on Antimicrobial Activities, MIC and MBC	05 Days	January-March, 2027	Rs. 5000/-
57.	Fundamental Lab. Techniques in Phytochemistry	05 Days	January-March, 2027	Rs. 5000/-
58.	Training on In-vivo Pharmacological activity	05 Days	January-March, 2027	Rs. 5000/-
59.	Training on Spectroscopic Techniques (HPLC, FTIR, UV)	05 Days	January-March, 2027	Rs. 5000/-
60.	Training on GCMS	05 Days	January-March, 2027	Rs. 5000/-
61.	Training at Pharmaceutical Pilot Plant	05 Days	January-March, 2027	Rs. 5000/-
62.	Practical Training in the Operation of Industrial Crushers and Grinders	03 days	January-March, 2027	Rs. 5000/-

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
63.	Practical Training in the Construction Materials Testing	2 Weeks	January-March, 2027	Rs. 5000/-
64.	Practical Training in the Production of Washing Powder	02 days	January-March, 2027	Rs. 5000/-
65.	Practical Training in the Production of Hand Wash, Dish Wash, & Car Wash Liquids	03 days	January-March, 2027	Rs. 5000/-
66.	Practical Training on the Production of Distemper & Weather Shield Paints	03 days	January-March, 2027	Rs. 5000/-
67.	Practical Training on the Froth Flotation of Ores & Minerals	03 days	January-March, 2027	Rs. 5000/-
68.	CAD/CAM	4 Week	January-March, 2027	Rs. 10000/-
69.	CNC Machining (Milling)	4 Week	January-March, 2027	Rs. 10000/-
70.	CNC Machining (Turning)	4 Week	January-March, 2027	Rs. 10000/-
71.	Laser Engraving & Plasma Cutting	4 Week	January-March, 2027	Rs. 10000/-
72.	Uncertainty Measurement Techniques in Calibration	02 days	January-March, 2027	Rs. 5000 per participant per day
73.	Marble technician (NAVTTC Approved)	06 months	January-March, 2027	Rs. 10,000/month
74.	Marble Craftsman (NAVTTC Approved)	06 months	January-March, 2027	Rs. 10,000/month
75.	Fruits and vegetables preservation techniques	05 working days	April to June, 2027	Rs.5000/-
76.	Physical & Chemical analysis of water	05 working days	April to June, 2027	Rs.5000/-
77.	Water analysis by atomic absorption	05 working days	April to June, 2027	Rs.7000/-
78.	Microbiological/ Mycotoxin analysis in food	05 working days	April to June, 2027	Rs.5000/-
79.	Chemical composition of food items (proximate/ nutritional analysis)	05 working days	April to June, 2027	Rs.5000/-
80.	Food processing and product development	05 working days	April to June, 2027	Rs.10000/-
81.	Product preparation techniques	10 working days	April to June, 2027	Rs.20000/-

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
82.	Quality parameters analysis of Honey	05 working days	April to June, 2027	Rs.5000/-
83.	**Training on Herbarium Techniques, Plant Identification and Digitization** • Plant Identification through Taxonomic markers • Steps of Herbarium Development Digitization of Herbarium	5 days	April to June, 2027	Rs. 5000/-
84.	**Training on Antimicrobial Activities, MIC and MBC** • Media and Sample Preparation • Well Diffusion Method • Disc Diffusion Method	5 days	April to June, 2027	Rs. 5000/-
85.	• Minimum Inhibitory Concentration Minimum Bactericidal Concentration	5 days	April to June, 2027	Rs. 5000/-
86.	**Training on in Vitro techniques** • In Vitro Seed germination • Plant Tissue Techniques including Direct and indirect regeneration • Callogenesis & Organogenesis • Cell suspension Culture • Adventitious Root Culture	5 days	April to June, 2027	Rs. 15000/-
87.	**Training on Vertical Hydroponics Techniques**	5 days	April to June, 2027	Rs. 5000/-
88.	Training on Cannabis Cultivation through Hydroponic Techniques	03 days	April to June, 2027	Rs. 5000/-
89.	Cultivation, harvesting and post harvesting of medicinal herbs.	03 days	April to June, 2027	Rs. 3000/-
90.	**Process/Product Development Techniques** • Extraction, fraction and concentration • Chromatography (TLC, Column, Prep. TLC) Phytochemical and Physicochemical Screening (Qualitative and Quantitative)	5 days	April to June, 2027	Rs. 10000/-
91.	Extraction of oil (Essential and fixed)	03 Days	April to June, 2027	Rs. 5000/-
92.	Training on In-vivo Pharmacological activity	5 days	April to June, 2027	Rs. 5000/-
93.	Training on Tablet Testing Techniques	03 days	April to June, 2027	Rs. 5000/-
94.	**Training on Spectroscopic Techniques** ❖ **HPLC** ❖ **UV** ❖ **FTIR** • Introductory Lecture • Specific procedures	05 days 02 days 02 days	April to June, 2027	Rs.25000/- Rs. 5000/- Rs. 5000/-

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
	• Method Development			
95.	**Training on GC MS** • Lecture on instrumentation and general/ specified application of GC-MS • Pesticide residue quantification • Fatty acid profile of fixed oils • Analysis of essential oil Extract component profiling	5 days	April to June, 2027	Rs.25000/-
96.	Training on Atomic Absorption	03 days	April to June, 2027	Rs. 5000/-
97.	**Training on Molecular Techniques** • PCR • q PCR • SDS-PAGE • Introduction to identification of plants/herb by DNA bar coding approach • Gel electrophoresis • Gel documentation techniques • Analysis of sequencing date with quality check	5 days	April to June, 2027	Rs. 10000/-
98.	Training on Fermenter	02 days	April to June, 2027	Rs. 5000/-
99.	Training on ELISA Plate Reader	02 days	April to June, 2027	Rs. 5000/-
100.	Training on Molecular Docking	1 day	April to June, 2027	Rs. 5000/-
101.	**Training on Cosmeceutical Product Development** Formulation of • Creams • Shampoo • Soap.	5 days	April to June, 2027	Rs. 10000/-
102.	**Basic Techniques in Synthetic Chemistry** • Measuring and handling chemicals (solids, liquids) • Setting Up Reactions (reaction flasks, stirring, cooling, reflux) • Reaction monitoring (Thin Layer Chromatography (TLC)) Purification Techniques (Crystallization, Column Chromatography, Prep-TLC)	15 days	April to June, 2027	Rs. 15000/-
103.	**Training at Pharmaceutical Pilot Plant** • Tablet formulation and preparation Supercritical CO_2 Extraction	5 days	April to June, 2027	• Rs. 5000/- • Rs. 10000/-

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
104.	Practical training on the operation and maintenance of industrial crushers and grinders	05 days	April to June, 2027	Rs. 5000/-
105.	Training on Construction materials testing	2 Weeks	April to June, 2027	Rs. 5000/-
106.	Practical Training in the Production of Washing Powder	02 days	April to June, 2027	Rs. 5000/-
107.	Practical Training in the Production of Hand Wash, Dish Wash, & Car Wash Liquids	03 days	April to June, 2027	Rs. 5000/-
108.	Practical Training on the Production of Distemper & Weather Shield Paints	03 days	April to June, 2027	Rs. 5000/-
109.	Practical Training on the Froth Flotation of Ores & Minerals	03 days	April to June, 2027	Rs. 5000/-
110.	CAD/CAM	4 Week	April to June, 2027	Rs.5000/-
111.	CNC Machining (Milling)	4 Week	April to June, 2027	Rs. 10000/-
112.	CNC Machining (Turning)	4 Week	April to June, 2027	Rs. 10000/-
113.	Laser Engraving & Plasma Cutting	4 Week	April to June, 2027	Rs. 10000/-
114.	FDM 3D Printer	2 Weeks	April to June, 2027	Rs. 10000/-
115.	SLA 3D Printer	2 Weeks	April to June, 2027	Rs. 10000/-
116.	FAM 3D Printer	2 Weeks	April to June, 2027	Rs. 10000/-
117.	Reverse Engineering & 3D Scanning	2 Weeks	April to June, 2027	Rs. 10000/-
118.	Laser Engraving & Cutting	2 Week	April to June, 2027	Rs. 5000/-
119.	Calibration Techniques of Dimension, Pressure and Electrical & Electronics Parameters	02 days	April to June, 2027	Rs. 5000/- per day
120.	Marble Mosaic (Tailor made)	04 weeks	April to June, 2027	Rs. 10,000/month
121.	Marble Mosaic (Tailor made)	02 weeks	April to June, 2027	Rs. 10,000/month

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.	Clean Leather Technology	Two Weeks	7th to 18th October, 2026	10,000/- Per Person
2.	Measurement of Uncertainty ISO/IEC 17025:2017	Two Days	20th & 21st November, 2026	10,000/- Per Person
3.	Leather Processing (Suede / Nubuck)	15 Days	15th January to 30th January, 2027	15,000/- Per Person
4.	Laboratory Management System ISO/IEC 17025: 2017	Two Days	15th March to17th March, 2027	10,000/- Per Person
5.	Leather Processing & QA/QC on Leather.	Four weeks	30th April to 01st June, 2027	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	23rd Mar. - 06th Apr. 2027	Rs. 5000 for professional and Rs. 2000 for students
2.	"Fuel Processing and analysis of finished products"	Two weeks	23rd Mar. - 06th Apr. 2027	
3.	"Quantitative Analysis of Heavy Metals utilizing Atomic Absorption Spectroscopy (AAS)"	Three days	• 20th Oct. – 22nd Oct. 2026 • 19th Jan. – 21st Jan. 2027	
4.	"Quantitative Analysis of Total Sulfur in Coals"	Two days	• 1st Oct. - 2nd Oct. 2026 • 15th Apr. - 16th Apr. 2027	
5.	"Coal Characterization and Ranking: A Practical Approach"	Three days	3rd Mar. – 5th Mar. 2027	
6.	"Energy Economics of Coal and Biomass in Power and Industrial Applications"	One day	• 26th Nov. 2026 • 14th Jan. 2027	
7.	"Analytical Methods for Coal Testing and Quality Evaluation"	Two days	• 15th Oct. – 16th Oct. 2026 • 9th Feb - 10th Feb, 2027	
8.	"Density and API Gravity Testing of Crude Oil and Petroleum Products"	One day	• 5th Nov. 2026 • 13th May 2027	
9.	"Industrial flue gas analysis"	One day	28th Aug. 2026	
10.	Environmental Monitoring: Emission Testing and Air Pollution Control from Coal Combustion	One day	3rd Dec. 2026	

6- 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.	AI Fundamentals & Responsible Use of AI	1 Day	October 2026	3,000
2.	AI-Assisted Academic & Scientific Writing	1 Day	December 2026	3,500
3.	Basic Food Quality Testing: Practical Analysis of Food Samples	1 Day	February 2027	3,000
4.	AI-Powered Scientific Presentations & Communication	1 Day	April 2027	3,500

7- 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.	Gemstones Cutting & Polishing	01 month	October, 2026 to June, 2027	10,000/-
2.	Fruits Handling, Dehydration, Processing & Preservation	02 days	12-13 October, 2026	Free
3.	Sea buckthorn harvesting and processing training	03 days	03-05 November, 2026	Do
4.	Dried cherry and apricot reprocessing techniques	02 days	25-26 November, 2026	Do
5.	Dried Mulberry reprocessing techniques	02 days	17-18 May, 2027	Do
6.	Preparation of fruit Leather/energy Bar	01 week	October, 2026 to June, 2027	5000/-

8- 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.	Training on GC-MS instrumentation, method development and data analysis	04 days	23-26 Nov 2026	Professionals: 25000 Students: 10000
2.	Atomic Absorption Spectroscopy (AAS) – Flam Ionization Technique and Graphite Technique for Heavy metal analysis	03 days	05-07 Jan 2027	Professionals: 25000 Students: 10000
3.	Training on ICP-OES from instrumentation software operation to data analysis	04 Days	13-16 April 2027	Professionals: 25000 Students: 10000

9- Institute of Industrial Electronics Engineering (IIEE), Karachi

Address: ST-22/C, Block-6, Gulshan-e-Iqbal, Karachi-75300 **Phone:** 021-99244218.

Sr.#	Title of Training	Duration	Scheduled On	Fee (per person)
1.	Object Oriented System & its implementation	2 weeks	October/November 2026	5000/-
2.	Python Essentials for Al	6 weeks	November - December, 2026	10,000/-
3.	Gen. Al & Agentie.	6 weeks	November - December, 2026	10,000/-
4.	Risks, Challenges, and Opportunities in Global Networks	3 hours	December 2026	1500/-
5.	Technology Integration: Assessing Digital Transformation and Automation in Industrial Operations	3 hours	December 2026	1500/-
6.	Industrial Automation	6 weeks	December 2026 January 2027	10,000/-
7.	Tech. Entrepreneurship for Engineers.	3 hours	January 2027	1500/-
8.	Design & Simulation of 5G Optical Network	1 weeks	February 2027	10,000/-