



Training Programs for 2017 - Dubai Central Laboratory

No	Training Program Name	Type of training	Duration (days)	Tutor's Name	Tentative Planned Date	Training Outline / Objective
1	Testing green building products	Theory & practical	1	-Jaigovind Kutty	24 September	-To get information of green building materials. -To be acquainted of all green building regulations. -Use of latest technology in conducting advanced tests on green building materials.
2	Advanced Testing Technology for HMA Materials	Theory & Practical	3	-Mahabir Singh	4 April	-Using super pave in designing asphalt mixtures -Using latest techniques in conducting advanced testing on asphalt binder
3	Detection of Pork Contaminants in Food Samples using ELISA and Real time-PCR Techniques.	Theory & Practical	3	-Dr. Mazin Matloob - Majda Al Harmoodi	28-30 March	-Theoretical lectures on Enzyme Linked Immunosorbent Assay (ELISA) Technique and Real time - PCR. -Practical training on ELISA and Real time -PCR.
4	Determination of ph, Conductivity, TDS, TSS, COD, BOD, Oil /Grease, Total Hardness, Chloride in water and waste water	Theory & Practical	3	Mr. Yusef Siddeq	10-12 April	- Identify the method of analysis, instrument calibration, and sampling and analysis of results. - Identify the most important environmental pollutants in water and wastewater samples
5	PAH analysis	Theory & Practical	2	Dr. Vijayan Anayath	23-24 May	-Theoretical lectures- over view of PAH & Analytical approaches. -Practical training-Extraction, cleanup & analysis of PAH in HPLC-FLD
6	Introduction to Gemstones	Theory & Practical	3	Sutas Singbamroong and other gem lab staffs	17-19 Oct	-History and Classification of Gems -Gemstone Formation -Gem Identification -Synthetic and Imitation Gemstone -Gemstone Enhancement History and Marketing -Diamond formation -4'C Diamond Grading -Synthetic Diamond and Simulant -Diamond Treatment



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						History and Classification of Pearls -Pearl Formation -Pearl Identification -Pearl Imitation -Pearl Treatment
7	Training on advanced analytical Instruments (ICP-MS, GC-MS, HPLC, UPLC, etc.)	Theory & Practical	3	-Zahida Sadiq -Javed Azam	26-28 Sept.	-Various Techniques of analysis -Exploration of advanced Analytical Techniques -Selection of Specific Analytical Method -Selection of Analytical Instruments -Hands on Training on ICP-MS, -Hands on Training on GC-MS, -Hands on Training on HPLC, UPLC -Hands on Training on UV-Visible Spectrometer
8	Training for Microbiological Analysis of Cosmetics & Personal care Products.	Theory & Practical	3	Rasheed Musliamveettil	15-17 Aug.	- Analysis & Identification of pathogenic microorganisms includes Aerobic plate count, e.coli, s.aureus, Pseudomonas, candida, Yeast & Mold - Media Preparation
9	Temperature Calibration (Thermometers ,Ovens, Incubators, Refrigerators , Freezers)	Theory & Practical	2	Eng. Gustavo Notario	29-30 Oct.	-Scope - Terms and Definitions - Construction of Machines - Calibration Procedures - Data Feeding and Result Calculations - Uncertainty of Measurement
10	Mass Calibration (OIML Standard weights & Electronic Balance)	Theory & Practical	2	Khalid Saadi	19-20 Nov.	-Scope -Terms and Definitions -Construction of Machines -Calibration Procedures -Data Feeding and Result Calculations -Uncertainty of Measurement
11	HALAL CERTIFICATION & TESTING Awareness and Auditing	Theory & Practical	3 days	Dr. Nasser El Shafei Dr. Maryam Al Sallagi Mrs. Shaikha Al Galaf Eng. Omar Al Juboori	10-11-12 October	Theoretical: - Halal Certification - Halal Chemical/Biological testing - Halal Auditing based on DMS 032 Practical: - Rule play on Auditing internal activities



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						<ul style="list-style-type: none"> - Rule play on Auditing suppliers - Rule play on Auditing against DMS 032
12	Ready Mix Facilities' Certification – Technical guide and scheme continual improvement	Theory	1 day	Eng. Yusuf Abu Sadaa	15 November	<ul style="list-style-type: none"> - To enhance the knowledge of the technical and concrete batching systems certification requirements in order to comply with the local regulations and relevant international standards. - Explain all continual improvements steps were taken during the last 3 years on the established relative DMS standard, specific rules and certification scheme. - Summarize the Frequent Asked Questions and concerned on the scheme, identify them and provide explanation wherever applicable
13	General Training on Domestic Electrical Appliances as per IEC 60335-1 standard	Theory	2	Hamza Khan	26-27 April	Educated the manufacturers and traders on how to sell products that meet the standards requirements And to facilitate the distribution of it at local markets
14	Safety and Performance general requirements course of storage water heaters	Theory & Practical	3	-Manish Surti. -Yogeshkumar Prajapati	25-27 July	Educated the Manufacturers / Traders / labs /Certifications body for the importance of safety and quality requirements for Electrical Household switches.
15	General Safety Requirements and test of Luminaries according to IEC 60598 standard.	Theory & Practical	3	Yogeshkumar Prajapati	01-03 October	Educated the Manufacturers / Traders / labs /Certifications body for the importance of safety and quality requirements for Electrical Household switches.