



Jss Academy of Higher Education & Research, Mysuru JSS COLLEGE OF PHARMACY, ROCKLANDS, OOTY

JSSAHER, Mysuru Sponsored

8 Days Training Program for Ethiopian Food and Drug Authority Officials (EFDA) On “Analytical Instrumentation, Medicine Microbiology and Audit Inspection” 28 June – 05 July 2022

Report

The 8 days training program for the Ethiopian FDA officials was hosted by JSS AHER, Mysuru at JSS College of Pharmacy, Ooty from 28.06.2022 till 05.07.2022. There are 12 delegates working in the various disciplines of Ethiopian FDA including QC chemist for Pharmaceuticals & Food, Regulatory auditors, Food inspectors and microbiologists. These delegates were trained in the various fields of Advanced analytical techniques – LC-MS/MS, GC-MS/MS, HPTLC, Advanced Medicine Microbiology Techniques for Bacterial Endotoxin, Microbial Limit & Sterility Testing; and Advanced audit Inspection Techniques”. They reached Ooty via Bangalore, Mysuru on 27.06.2022. the inaugural function of the training program was held on 28.06.22 at 9.30 AM in the Auditorium, JSS College of Pharmacy, Ooty. The delegates were welcomed to the training program as per Indian tradition. The training program was formally inaugurated by Honourable Vice Chancellor, Dr. Surinder Singh, JSS AHER, Mysuru by lighting the kuthuvizhakku. Dr. S P Dhanabal, Principal welcomed the gathering. Dr. N. Krishna Veni, Professor & Head, Department of Pharmaceutical Analysis briefed about the training program. The chief guest address was delivered by Dr. Surinder Singh, Vice Chancellor, JSS AHER, Mysuru. The Guest of honour address was delivered by Dr. Vishal Kumar Gupta, Dy. Director (Academics), JSS AHER, Mysuru and Dr. Madhusudan Purohit, Dy Controller of Examinations, JSS AHER, Mysuru. Then the delegates introduced themselves to the trainers. In addition, Mr. Ravi S Mehta, Digital Transformation Evangelist and Mr. Arunava Gosh, Quality and Regulatory Compliance Consultant of Sruta Solutions, Ahmedabad, Gujarat also participated in the inaugural session. Dr. R. Rajesh Kumar, Assistant Professor & Head, Department of Pharmaceutical Biotechnology, delivered the vote of thanks. All the faculty of the Department of Pharmaceutical Analysis & Pharmaceutical Biotechnology were also present in the inaugural function of the training program.





After the inaugural session the delegates were divided into groups to undergo training in various fields opted. The training program was successfully initiated with interaction with the department faculty to understand their needs and further skill development.

Five of the Ethiopian FDA officials Mr. Desalegn Gebremariam, Mr. Esubalew Yitayew, Mr. Atlaw Abate, Ms. Adanech Berhanu and Mr. Addisu Woldeesenbet from the QC laboratory for quality control testing for pharmaceuticals and food were provided training in the theoretical and practical aspects of LC-MS/MS, HPTLC for four days by the department faculty Dr. B. Babu, Dr. M R Jeyaprakash and Dr. S N Meyyanathan, Faculty, Department of Pharmaceutical Analysis and Dr. Dwarampudi Priyanka, Lecturer, Department of Pharmacognosy. All the officials were first provided the demonstration on handling the LC-MS/MS, use of the software, analysis of the pharmacopoeial components. Then on the day two and three they were allowed to handle the instrument including the selection of the interface used, selection of various modes for the quantification and qualification of analytes viz., SCAN, SIM and MRM mode. They were also provided hands on training on the use of the LC-MS software.



The Officials were trained on gas chromatography and GC-MS/MS for two days. The theoretical concepts were well explained by Dr. N. Krishna Veni and Dr. J S K. Nagarajan, Faculty, Department of Pharmaceutical Analysis. The practical training on the GC-MS/MS was provided at SACON (Salim Ali Centre for Ornithology and Natural History), Anaikatty, Coimbatore Facility.



The Advanced Medicine Audit Inspection Techniques training was provided to five Ethiopian FDA officials namely, Mr. Fikire Wondimu Abebe, Ms. Mahlet Millio Asfaw, Mr. Abebe Tamrie Nigatie, Ms. Feruza Mohammed Abegaz, Ms. Kalkidan Yihenew Bitew. The trainers were Mr. Ravi S Mehta and Mr. Arunava Ghosh from Sruta Solutions, Ahmedabad. The officials were trained for carrying out audit inspection in pharmaceutical industries for six days.



First day of the training was elaborated with basic safety techniques to be followed in microbiology lab along with demonstration of equipments and various tools used in medical microbiology. The respective days of training was allotted for hands on training on the following topics Sterilization validation using Biological indicators, Growth promotion test for various medium including selective media for specified microorganism , Sterility testing of selected medical devices , Microbial limit test, Bacteriological endotoxin test, and bacteriological Examination of water .



On the last day, the feed back form was requested, all the Ethiopian FDA officials were highly satisfied with the training provided by the trainers and appreciated the hospitality extended and the efforts put forth b the trainers to teach them at JSS College of Pharmacy, Ooty.





The Departments of Pharmaceutical Analysis & Pharmaceutical Biotechnology are thankful to the leadership of JSS Mahavidyapeetha and JSS AHER, Mysuru for providing the opportunity to train the international delegates.