



**WORK SHOP**  
**HPLC/GC FUNDAMENTALS, BASIC TROUBLE**  
**SHOOTING AND MAINTENANCE**

**PROGRAMME**

June 25, 2019

09:30	Inaugural Ceremony
09:40	Recitation from the Holy Quran
09:50	Welcome Address
	Key Note Address/Introduction (Tea)

**SESSION I (HPLC)**

Time	Speaker/Demonstrators	Title
10:05-11:00	Dr. Naheed Kausar	<ul style="list-style-type: none"> <li>➤ Basic concepts associated with HPLC</li> <li>➤ Q &amp; A</li> </ul>
11:00-11:30	Dr. Naheed Kausar Mr. Muhammad Farhan Khan	<ul style="list-style-type: none"> <li>➤ Understanding the various models of HPLC</li> <li>➤ Discussion/Cross Questions</li> </ul>
11:30-13:00	Dr. Kauser Siddiqui Dr. Kanwal Abbasi	<ul style="list-style-type: none"> <li>➤ Case Study</li> <li>➤ Practical Session</li> <li>➤ Chromatographic separation on HPLC</li> <li>➤ Q &amp; A</li> </ul>
13:00-14:00		(Pray/Lunch Break)
14:05-14:30	Dr. Kauser Siddiqui Dr. Kanwal Abbasi	<ul style="list-style-type: none"> <li>➤ Improving separation by controlling the variable</li> <li>➤ Consolidation</li> </ul>
14:30-16:00	Dr. Naheed kausar Mr. Muhammad Farhan Khan	<ul style="list-style-type: none"> <li>➤ Basic Trouble Shooting and Maintenance (Tea)</li> </ul>
16:00-16:45	Dr. Naheed Kausar	<ul style="list-style-type: none"> <li>➤ Column Chemistry and Detector Range for HPLC/GC</li> <li>➤ Day's Summary</li> </ul>

June 26, 2019

**SESSION II (GC)**

Time	Speaker/Demonstrators	Title
10:05-11:00	Dr. Naheed Kausar	<ul style="list-style-type: none"> <li>➤ Basic concepts associated with GC</li> <li>➤ Q &amp; A</li> </ul>
11:00-11:30	Dr. Naheed Kausar Mr. Muhammad Farhan Khan	<ul style="list-style-type: none"> <li>➤ Understanding the Various Models of GC</li> <li>➤ Discussion/Cross Questions</li> </ul>
11:30-13:00		<ul style="list-style-type: none"> <li>➤ Case Study</li> <li>➤ Practical Session</li> <li>➤ Chromatographic separation on GC</li> <li>➤ Q &amp; A</li> </ul>
13:00-14:00		(Pray/Lunch Break)
14:05-14:30		<ul style="list-style-type: none"> <li>➤ Improving separation by controlling the variable</li> <li>➤ Basic Trouble Shooting and Maintenance</li> </ul>
14:30-15:30	Dr. Naheed Kausar Dr. Kauser Siddiqui Dr. Kanwal Abbasi	<ul style="list-style-type: none"> <li>➤ Consolidation of two days course</li> <li>➤ Interaction with trainees (Tea)</li> </ul>
15:30-16:15	Mr. Muhammad Farhan Khan	<ul style="list-style-type: none"> <li>➤ Test/Examination</li> <li>➤ Feed back</li> </ul>
16:15-16:30		Certificate Distribution