

**National Centre of Excellence in Analytical Chemistry, University of Sindh
Jamshoro**

**Three days Workshop on
*“Applications of Chromatographic Techniques in Residue Analysis”***

Press Report

A three days workshop on *“Applications of Chromatographic Techniques in Residue Analysis”*, organized by National Centre of Excellence in Analytical Chemistry, University of Sindh, Jamshoro, Pakistan was held on 18th to 20th February 2013, The Patron-in-chief was Worthy Vice Chancellor Prof. Dr. Nazir A. Mughal. The core object of the Workshop was “To give awareness of modern instrumentations, programming and parameters of various instruments like HPLC, GC and GC-MS and to explore the research activities related to the chromatographic techniques in residue analysis.

The Inauguration ceremony of the workshop started with the recitation of Holy Quran by Dr. Ayaz Ali Memon and then welcome address by Prof. Dr. Shahabuddin Memon, Director & Chief Organizer of the workshop. He introduced the NCEAC and theme of the workshop. The Chief Guest and also one of the resource persons of the workshop; Prof. Dr. Muhammad Iqbal Bhangar, who is currently working as research scientist at HEJ Research Institute; University of Karachi, put forward the importance of the workshop as a mile stone for producing skilled manpower.

The workshop was distributed in six sessions. In first session; Prof. Dr. M. Iqbal Bhangar discussed about the “Gas Chromatography”. In 2nd session, the speaker Dr. Najma Memon talked on “High Performance Liquid Chromatography”. In 3rd session on next day of workshop, Prof. Dr. Shafi M. Nizamani & Dr. Najma Memon talked about “Residue & Maximum Residue Limits” and “Principles of Sample Collection & Preservation for Residue Analysis” and “Extraction / Cleanup of Residues” respectively. In 4th session, Prof. Dr. Shahabuddin Memon

delivered Lecture on “Mass Spectrometry and Identification of Unknown Compounds”. While on the third day in Session 5, Prof. Dr. Shafi M. Nizamani described in detail “Calibration Curves & Residues Quantification”. Every session of the workshop was followed by practical demonstration. The demonstrations were delivered by Dr. Najma Memon, Mr. Mudasir Arain, Dr. Ayaz Ali Memon, Dr. Yawar latif, Ms. Tahira Qureshi, Ms. Fakhar Nissa Memon, Mr. Asif Ali Jamali and Mr. Umair Ahmed Qureshi.

More than 40 delegates from different institutions of Pakistan attended the workshop. Among participants, the important institution who actively participated in the workshop were Agriculture Research Institute Tandojam, Sindh Agriculture University Tandojam, Agricultural Extension, Hyderabad, Shah Abdul Latif University Khairpur Sindh, CPRL Pakistan, DESTO (NESCOM) Islamabad, Mehran University of Engineering and Technology, Jamshoro and Sindh University, Jamshoro.

The workshop was concluded by Chief Guest, Dean Faculty of Natural Sciences, Professor Dr. Basir Ahmed Arain and Guest of Honor Mr. Basheer Ahmed Kerio, Director Plant Protection, Agriculture Extensions, Hyderabad, Pakistan. They have congratulated Prof. Dr. Shahabddin Memon; Chief Organizer & the Director National Centre of Excellence in Analytical Chemistry, for his efforts taken to organize this multidisciplinary workshop in which engineers, agriculturists as well as scientists from various organizations have taken part. They have also emphasized to continue these types of activities in future and a forum may be launched to seek information and feedback conveniently. The selected participants were also invited to give comments regarding the workshop; subsequently the awards and certificates along with CD were also distributed among the participants and resource persons.

In last, the Organizing Secretary of the workshop Dr. Amber R. Solangi thanked all the speakers, participants and staff members who worked hard to make this event successful.

