

Sindh Innovation, Research, and Education Network (SIREN) Conducts Online Lectures / Seminars / Courses / Workshops



The Sindh Innovation, Research, and Education Network (SIREN) has been established jointly by the Government of Sindh and L.E.J. National Science Information Center, International Center for Chemical and Biological Sciences.

SIREN conducted several lectures / seminars / workshops / courses during January-February, 2022;

Hybrid Course on “Laboratory Safety and Security”

The hybrid course (One credit hours PhD level) on “Laboratory Safety and Security” was organized by the Sindh Innovation, Research, and Education Network (SIREN) in collaboration with the L. E. J. National Science Information Center, International Center for Chemical and Biological Sciences (ICCBS), University of Karachi for a period of one month from January 14, 2022 to February 11, 2022. This on-line course was conducted by Mr. Khalid Latif, KL-Technical and HSE Consultant, Pakistan.

This one credit hour course has been designed for graduate and postgraduate studying subjects related to chemistry and biology and working in laboratories. It enabled students to learn basic protocols required before working in the laboratory. The registered participants received a digital certificate after successful completion of the course.

Hybrid Course on “Single Crystal Structure Determination of Small Molecules by XRD”



The hybrid course (Two credit hours PhD level) on Single Crystal Structure Determination of Small Molecules by XRD” was organized by the Sindh Innovation, Research, and Education Network (SIREN) in collaboration with the L. E. J. National Science Information Center, International Center for Chemical and

Biological Sciences (ICCBS), University of Karachi for a period of two months from January 31, 2022 to March 24, 2022 Latif Ebrahim Jamal National Science Information Center (LEJNSIC), ICCBS. It is conducting on-campus and online through Zoom Meeting. This course is for Ph.D. students only. This course conducts by Prof. Dr. Masood Parvez, University of Calgary, Canada.

Workshop (Hybrid) on “ISO 9001:2015 Quality Management System”



The hybrid workshop on “ISO 9001:2015 Quality Management System” was organized by the Sindh Innovation, Research, and Education Network (SIREN) in collaboration with the L. E. J. National Science Information Center, International Center for Chemical and Biological Sciences (ICCBS),

University of Karachi on February 3, 2022. This workshop course was conducted by Syed Asad Ali, Management System Consultant & Associated Advisor Project Planner, Trainer, and Lead Auditor (IT and QHSE) 2013. It was conducted on-campus and online through Zoom Meeting. This workshop was designed for people who need to conduct internal audits on behalf of their organization; professionals who need to develop their knowledge, and skills to conduct internal Audit discipline; A formal qualification relating management representatives, quality managers, engineers, and consultants. The registered participants received a digital certificate after successful completion of the workshop.

Workshop (Hybrid) on “Application of AI in Context of Public Health for Low and Middle Income Countries”



The hybrid workshop on “Application of AI in Context of Public Health for Low and Middle Income Countries” was organized by the Sindh Innovation, Research, and Education Network (SIREN) in collaboration with the L. E. J. National Science Information Center, International Center for Chemical and Biological Sciences (ICCBS), University of Karachi on February 9, 2022. This workshop course was conducted by Dr. Hasan Nawaz Tahir, Senior Instructor – Health System

and Digital Health Department of Community Health Sciences (CHS), Coordinator for Data Management Unit (DMU), Entrepreneur Mentor in Residence Creative, Innovative Thinking (CCIT), Aga Khan University, Pakistan. It was conducted on-campus and online through Zoom Meeting. The session target the full spectrum of scientists and research scholars from different fields, including biochemistry, health sciences, environment, physics, data science, oncology, radiology, and drug research. The registered participants received a digital certificate after successful completion of the workshop.

Workshop (Hybrid) on “Risk Assessment and Calibration”

The hybrid workshop on “Risk Assessment and Calibration” was organized by the Sindh Innovation, Research, and Education Network (SIREN) in collaboration with the L. E. J. National Science Information Center, International Center for Chemical and Biological Sciences (ICCBS), on February 15, 2022. This workshop course was conducted

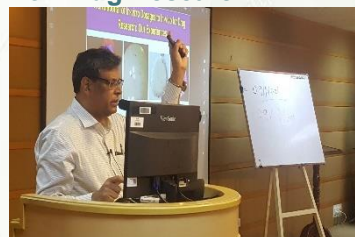


by Syed Asad Ali, Management System Consultant & Associated Advisor Project Planner, Trainer, and Lead Auditor (IT and QHSE) 2013. This workshop was designed for staff of quality assurance, research scholars, graduate students, faculty, and a formal qualification relating to Management representatives, Quality Managers, Engineers, and Consultants.

On-line Workshop on “Machine Learning Based Evaluation of Medical Imaging”

The on-line workshop on “Machine Learning Based Evaluation of Medical Imaging” was organized by the Sindh Innovation, Research, and Education Network (SIREN) in collaboration with the L. E. J. National Science Information Center, International Center for Chemical and Biological Sciences (ICCBS), University of Karachi on January 10, 2022. This workshop course was conducted by Dr. Sarim, Radiology Fellow, Oxford University Hospitals, NHS Foundation Trust, UK. It was conducted online through Zoom Meeting. The session target the full spectrum of scientists and research scholars from different fields, including biochemistry, health sciences, environment, physics, data science, oncology, radiology, and drug research.

Hybrid Course on “Drug Development, and Advanced Technique for Drug Research”



The hybrid course (one credit hour) on “Drug Development, and Advanced Technique for Drug Research” was organized by the Sindh Innovation, Research, and Education Network (SIREN) in collaboration with the L. E. J. National Science Information Center, International Center for Chemical and Biological Sciences (ICCBS) from February 25 to March 5, 2022.,

In this one credit hours course, in-depth understanding of advanced technique for drug research (Histological and Immunohistochemical (IHC) Techniques) were delivered by Dr. Hafizur Rahman.

Hybrid Workshop on “What is Self?”



The hybrid workshop on “What is Self?” was organized by the Sindh Innovation, Research, and Education Network (SIREN) in collaboration with the L. E. J. National Science Information Center, International Center for Chemical and Biological Sciences (ICCBS), on March 15, 2022. This

workshop course was conducted by Dr. Noman Baig, Associate Professor of Anthropology, Director Interdisciplinary Research & Action Center (IDRAC) at the Habib University, Karachi. This workshop was designed for Research Scholars, Graduate students, Faculty, and Staff.

Hybrid Workshop on “Scientific Writing”

The hybrid workshop on “Scientific Writing” was jointly organized by the OIC Standing Committee on Scientific and Technological Cooperation (COMSTECH), and Sindh Innovation, Research, and Education Network (SIREN) during March 17-19, 2022.



This workshop course was conducted by Prof. Dr. Rafat Ali Siddiqui, Senior Investigator at the Methodist Research Institute, Indiana University Health and Professor of Cellular Biochemistry, Department of Medicine, Indiana University School of Medicine, USA.

Hybrid Workshop on “Cancer Genetics”

The hybrid workshop on “Scientific Writing” was jointly organized by the OIC Standing Committee on Scientific and Technological Cooperation (COMSTECH), and Sindh Innovation, Research, and Education Network (SIREN) during March 21-24, 2022.



This workshop course was conducted by Prof. Dr. Rafat Ali Siddiqui, Senior Investigator at the Methodist Research Institute, Indiana University Health and Professor of Cellular Biochemistry, Department of Medicine, Indiana University School of Medicine, USA.

Hybrid Workshop on “Professional Integrity”



The hybrid workshop on “Professional Integrity” was organized by the Sindh Innovation, Research, and Education Network (SIREN) in collaboration with the L. E. J. National Science Information Center, International Center for Chemical and Biological Sciences (ICCBS), on March 4, 2022. This workshop

was conducted by Mr. Khalid Latif, who carries over 30 years of experience at Leadership positions in multi-national companies. This workshop was designed for Staff, Research Scholars, Graduate students, Faculty, and a formal qualification relating to Management representatives, Quality Managers, Engineers, and Consultants.

Capacity Building Program on Management of Intellectual Property Rights

Intellectual Property Rights Office (IPRO), ICCBS is launching a capacity building program on management of intellectual property rights, in collaboration with COMSTECH and Sindh Innovation, Research, and Education Network (SIREN).

The series of lectures under the Capacity Building Program on Management of Intellectual Property Rights conducted by Intellectual Property Organization, Pakistan. Ms. Saima Kanwal, Assistant Controller of Patents at Patent Office, Karachi, Pakistan delivered the first lecture of the series entitled,

“Introduction to Intellectual Property Rights & Understanding the Patent System in Pakistan” on March 14, 2022.

