

***Report- Professional development program on “Laboratory Management System and Internal Audit” as per ISO/IEC:17025-2017 organized by Department of Civil Engineering, Integral University, Lucknow Under the Aegis of Human Resource Development Centre, NEP Task force & IQAC from 21.06.2022 to 06.07.2022***

ISO/IEC:17025 is useful for any organization that performs testing, sampling or calibration and requires reliable results. This includes all types of laboratories, whether they be owned and operated by government, industry or, in fact, any other organization. The standard is also useful to universities, research centres, governments, regulators, inspection bodies, product certification organizations and other conformity assessment bodies with the need to do testing, sampling or calibration.

To make faculty members abreast with the latest developments, the Department of Civil Engineering Integral University, Lucknow, Under the Aegis of Human Resource Development Centre, offered a Professional Development Program (PDP) on “Laboratory Quality Management System and Internal Audit” as per ISO/IEC:17025-2017 from 21.06.2022 to 06.07.2022. It was developed with the objective of promoting confidence in the operation of laboratories. This document provided guidance/requirements for laboratories to enable them to demonstrate that they operate competently, and are able to generate valid results. This PDP aimed to facilitate the establishment of a laboratory system with global standards by enhancing the capability and competence of our human resources.

Total 32 faculty members and laboratory instructors registered in the program. Following were the resource persons and coordinators of the Professional Development Program:

- Mr. Zishan Raza Khan, Associate Professor, Department of Civil Engineering, Integral University, Lucknow. Certified Internal Auditor by Bureau of Indian Standards.
- Tabish Izhar, Assistant Professor, Department of Civil Engineering, Integral University, Lucknow. Certified Internal Auditor by Bureau of Indian Standards.

Mr. Zishan Raza Khan initiated the professional development program with the importance and history of ISO/IEC:17025-2017. Mr. Zishan Raza Khan in his talk discussed the general requirements of ISO/IEC 17025:2017 and stressed on the importance of impartiality and confidentiality. Mr. Tabish Izhar elaborated the structural requirement, resource requirement and process requirement of ISO/IEC: 17025:2017. Mr. Tabish Izhar discussed the organizational chart and how to remove conflict of interest. Further he described the competence of personal, environmental conditions and equipment required for a world class laboratory. Mr. Tabish Izhar also elaborated the detailed process requirement ranging from tenders to the generation of reports with retaining records. Mr. Zishan Raza Khan carried the PDP forward with the discussion of management system requirements where he discussed the role and responsibility of the management system. At last he demonstrated the procedure of conducting internal audits systematically and hands on practice to find fact not fault.

Total 17 participants successfully completed the course.

**Registration link:** <https://forms.gle/KBYcVG7cscUW7EJBA>

**Course Link:** [Course: Professional Development Program- Laboratory Quality Management System and Internal Audit” as per ISO/IEC: 17025-2017 \(ilizone.in\)](#)



Mr. Zishan Raza Khan and Mr. Tabish Izhar, Department of Civil Engineering, Integral University, Lucknow Delivering the Talk



Participants, Department of Civil Engineering, Integral University, Lucknow Attending the PDP



Certificate Distribution