**FLUID CONTROL RESEARCH INSTITUTE**

**e – ITEC Training course**

**Course details:**

**Course Title:** **Calibration Techniques & Uncertainty budgeting of Water flow meters**

Course on calibration techniques and uncertainty budgeting of water flow meters is designed to acquire and update the knowledge of water flow measurement, flow control, calibration techniques and uncertainty budgeting, which plays a vital role in the water flow utility sector in order to assure the quality as per relevant standard.

The major topics in this course includes calibration of flow meters, relevant standards for the flow measurement, operating principles, data presentation, and uncertainty budgeting.

**Course Schedule:**

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| **Sl No.** | **Date** | **Time IST(Indian Standard Time)** | **Topic** |
| 1 | 22/08/2022 | 14.00 Hrs -14.40 Hrs14.45 Hrs-15.00Hrs15.00Hrs-16.00Hrs16.00Hrs-16.15Hrs16.15Hrs-17.15Hrs | Corporate video of FCRIWelcome address-DIRECTOR,FCRIInitial on-line TestBreakFlowmeter Calibration and Techniques — Water Flow laboratory -1 |
| 2 | 23/08/2022 | 15.00Hrs-16.00Hrs | Flowmeter Calibration and Techniques — Water Flow laboratory -2 (Continuation…) |
| 3 | 24/08/2022 | 15.00Hrs-16.00Hrs | ISO/IEC 17025-2017 |
| 4 | 25/08/2022 | 15.00Hrs-16.00Hrs | Electromagnetic Flowmeters- Operating Principles calibration Method, Data presentation & Uncertainty calculation/ budgeting - 1 |
| 5 | 26/08/2022 | 15.00Hrs-16.00Hrs16.00Hrs-16.15Hrs16.15Hrs-17.15Hrs | Electromagnetic Flowmeters- Operating Principles calibration Method, Data presentation & Uncertainty calculation/ budgeting – 2 (Continuation…)BreakFinal on-line Test |

**Technical requirement at far – end/participants end :**

Microsoft Teams

**Online platform used by the Institute :**

Microsoft Teams