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Sarvajani College of Engineering & Technology, Surat

Instrumentation & Control Department

Report on Expert Lecture

On

Control System Components:
Control Valve Basics

Event Detail

9th May 2023,

Time: 9:15 to 11:00 am

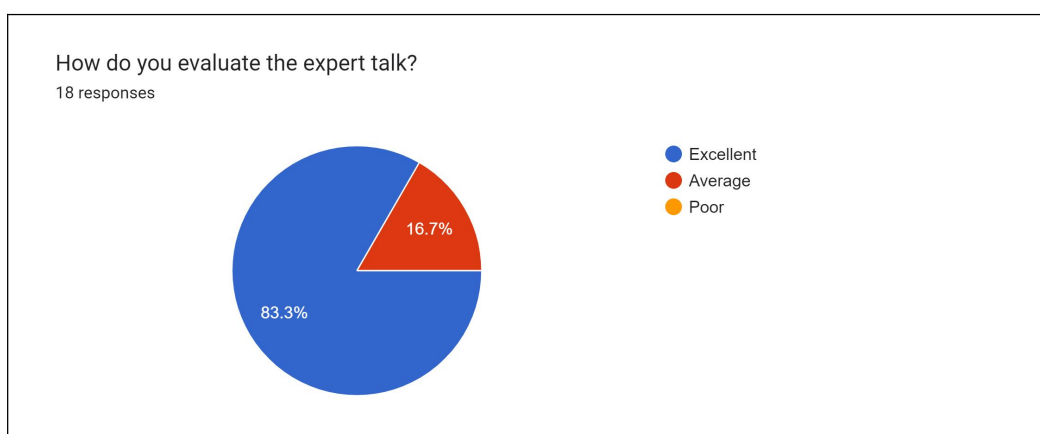
Venue: EC AV Room

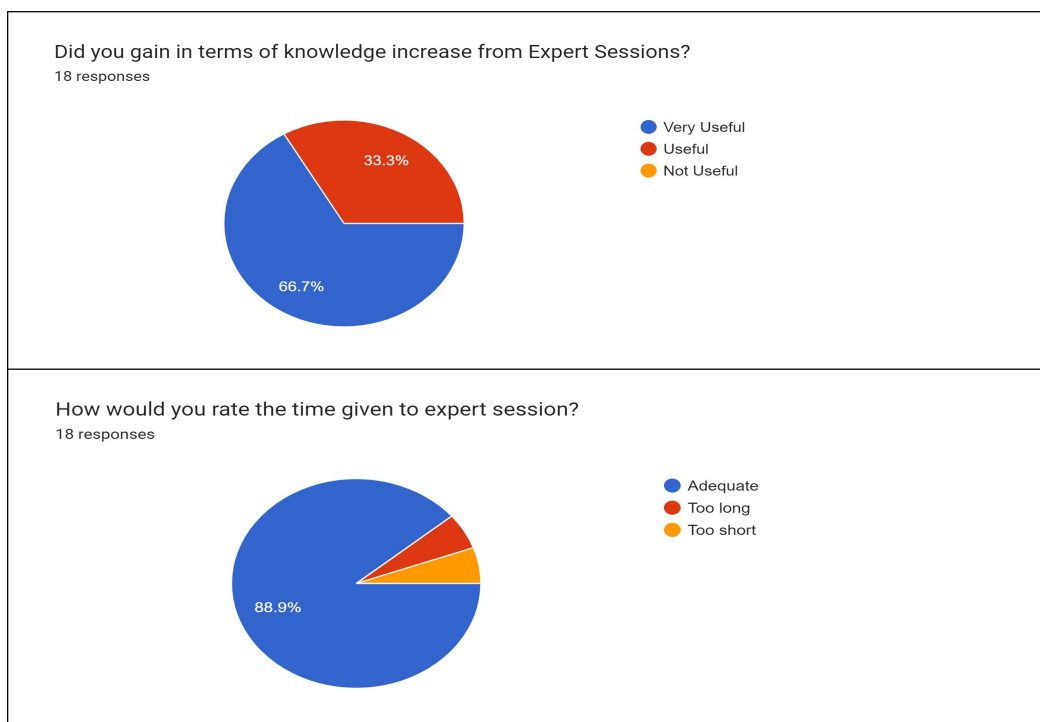
Expert : A J Pansara, Additional Retired General Manager,
Instrumentation, Krihbhco

Participants: 60 students of I&C BTech II and BE III , BE III
Chemical

Mr. Ashok Pansara is an Instrument Engineer. He has 41 years experience in Fertilizer & Petrochemical Industry. He is associated with Instrument Society for Automation (ISA) – USA and Member of Institution of Engineers India (MIE). He is Adviser to SCET Engineering college – Surat.

The objective of the lecture was to give students basic exposure to Control valve functioning and all types and components of it. The expert Mr. Pansara started his lecture with guruvandana with students and stated the importance of gure in life of students. He covered basic components of control valve and specification to select control valve with its full details. Cv (Valve coefficient) calculation was also covered and given for tutorial to students for more clarity. He explained the importance of all specifications to be understood well by engineer to prevent selection of either oversized or undersized valve for a process. Various types of valves like globe, diaphragm valve, ball valve, with different type of actuators were covered in detail. He showed the data-sheet for control valve covering 100 specifications of it for reference. At the end student feedback was also taken to evaluate the effectiveness of the lecture.





It must be noted by all readers that expert A J Pansara denied to receive any memento for such lecture in telephonic conversation as he wants to deliver his knowledge to students for societal cause.

The responses from the feedback by students indicates that the lecture was very effective.

Glimpses of Expert Lecture:

