



**SRI KRISHNA COLLEGE OF TECHNOLOGY
(AN AUTONOMOUS INSTITUTION)
KOVAIPUDUR, COIMBATORE - 641042.**



DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING

13IC712

VIRTUAL INSTRUMENTATION LABORATORY

1. Creating Virtual Instrumentation For Simple Applications
2. Programming exercises for loops and charts
3. Programming exercises for clusters and graphs.
4. Programming exercises on case and sequence structures, file Input / Output.
5. Using arrays develop a VI.
6. Converting the VI into a Sub VI.
7. Build a VI using shift register
8. Developing signal generator using DAQ cards.
9. Simulating reactor control using Virtual Instrumentation.
10. Build a VI that reads and writes information from the NI instrument simulator using VISA functions.

LIST OF EQUIPMENTS AVAILABLE.

S.No	Equipment Name
1	Personal Computer
2	LabView software
3	NI myDAQ Kit
4	HP Scan jet200