**Department of Electronics & Instrumentation Engineering**

**Faculty Name:** Sudhir Singh

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| **Teacher’s Name** | **Subject** | **Topic Name** | **Sub-Topic Name** | **Type of E-Content** | **Course Name** | **Year of Course** | **Link** |
| **Sudhir Singh** | Intelligent Instrumentation | Virtual Instrumentation | Historical Perspective Of VI | MS-Office, Video, PDF | B.TECH  (EI-6th Sem.) | 2019-2020 | Virtual Instrumentation, Željko Obrenovic, Dušan Starcevic, Emil Jovanov |
| Lab VIEW | Data Flow Programming, Graphical Programming | PDF | B.TECH  (EI-6th Sem.) | 2019-2020 | Introduction to LabVIEW, Hans-Petter Halvorsen |
| Measuring System | Block Diagram, Components And Explanation | PDF | B.TECH  (EI-6th Sem.) | 2019-2020 | LabVIEW based Advanced, S. Sumathi and P. Surekha LabVIEW based Advanced Instrumentation Systems |
| Common Instrument Interfaces | RS-232,RS-485,GPIB,4-20MA CURRENT LOOP,60 MA CURRENT LOOP | PDF | B.TECH  (EI-6th Sem.) | 2019-2020 | Instrumentation Systems, S. Sumathi and P. Surekha LabVIEW based Advanced Instrumentation Systems |
| Inter Facing Buses | GPIB,USB,PCI,PXI,PCMCIA,SXI | PDF | B.TECH  (EI-6th Sem.) | 2019-2020 | S. Sumathi and P. Surekha LabVIEW based Advanced Instrumentation Systems |