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| ၁။ | ပိတ်ဆက်စကား | |
| ၂။ | Instrumentation အဓိပ္ပာယ်နှင့် | ၇ |
| ၃။ | Unit များ၊ Newton's Law, Boyle's Law | ၁၃ |
| ၄။ | Pressure အဓိပ္ပာယ်နှင့် Pneumatic Power Supply | ၁၄ |
| ၅။ | Signal Unit and wave forms | ၁၆ |
| ၆။ | Control Loop အမျိုးအစားများ | ၁၇ |
| ၇။ | Theory of measurements | ၁၉ |
| ၈။ | Pressure တိုင်းတာခြင်း | ၁၉ |
| | Pressure sensors. | |
| | Pressure guage | |
| ၉။ | Flow တိုင်းတာခြင်း | ၂၀ |
| | Flow sensors | |
| | Flow meters. | |
| ၁၀။ | Level တိုင်းတာခြင်း | ၂၆ |
| | Level sensors | |
| | Level meters. | |
| ၁၁။ | Temperature တိုင်းတာခြင်း | ၂၉ |
| | Temperature sensors | |
| | (i) Thermocouple | |
| | (ii) Thermo resistance (RTD) | |
| | (iii) Thermister | |
| | Thermometers | |
| ၁၂။ | Transmitter | ၃၇ |
| | 2 stage Pneumatic Amplifier | |
| ၁၃။ | Theory of feed back system | ၄၃ |
| | Pneumatic transmitter with feed back | |
| | Set Point Transmitter. | |

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| ၁၄။ | Controller | ၅၂ |
| | Motion balance Controller. | |
| | Force balance Controller. | |
| | (i) P Action Controller. | |
| | (ii) I Action Controller. | |
| | (iii) D Action Controller. | |
| | (iv) PI Action Controller. | |
| | (v) PID Action Controller. | |
| | Proportional Band (P.B) | |
| ၁၅။ | Control Valves | ၆၄ |
| | Diaphragm Control valve | |
| | Control Valve Positioner | |
| | Motor Driven Control valve. | |
| ၁၆။ | Solenoid Valve. | ၇၅ |
| ၁၇။ | Solenoid Relay and switches | ၇၇ |
| ၁၈။ | Micro Controller | ၇၈ |
| ၁၉။ | Programmable logic Controller (PLC) | ၈၁ |
| ၂၀။ | Distributed Control System (DCS) | ၈၅ |
| ၂၁။ | Programmable Interface Controller (PIC) | ၉၃ |
| ၂၂။ | Abbreviated Guide for use of the SI. | |
| ၂၃။ | Instrumentation Symbols | |