# BS (4 Years) for Affiliated Colleges

| Code | Subject Title | Cr. Hrs | Semester |
|---|---|---|---|
| **PHY-430** | **COMMUNICATION ELECTRONICS-IV (LAB)** | **3** | **VIII** |
| Year | Discipline | | |
| **4** | **Physics** | | |

**Course Outlines:**

1. Design and study of decoder, encoder, multiplexer and demultiplexer circuits and compare the input output waveforms.
2. To construct and understand an operation of arithmetic logic unit and study of different arithmetic logic operations.
3. Design and construct active filters and study their frequency response.
4. Design and constricta infrared transmitter detected the transmitted wave.
5. Design and constricta ultrasonic transmitter and receiver.
6. Using microprocessor based trainer's and study the microve and optical communication and control the information from host personal computer.