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| **List of E-Content Prepared for online classes during Lockdown** |
| **Name of Teacher** | **Subject** | **Topic** | **Sub-Topic** | **Type of E-Content** | **Course Name** | **Courese Year** | **Link** |
| Parul Trivedi | Electronic Circuits |   UNIT-3BJT | Review of Device Structure operation and V-I Characteristics | PDF | B.Tech (ECE & EIE) | 2nd Year | Google Classroom |
| Equivalent Circuit of BJT |
| BJT AS AN AMPLIFIER |
| Biasing in BJT amplifier circuit |
| Small Signal Operation and Models |
| The base current,Emitter current and Gain of BJT amplifier |
| Hybrid -Pi and T-Model |
| Single Stage BJT Amplifier, The Common Emitter Configuration, BJT internal Capacitance, Frequency Response of Common Emitter Amplifier. |
| UNIT-4Differential Amplifier | Differential Amplifier | PDF | B.Tech (ECE & EIE) | 2nd Year | Google Classroom |
| Small Signal Operation of MOS differential Pair and BJT Differential Pair |
| Large Signal operation of BJT Differential Pair, Other Non-Ideal Characteristics of Differential Pair, Input Offset voltage of Bipolar Differential Pair. |
| The Differential Amplifier With Active Load |
| Assignment-1 | Based on Unit 3 and 4 | PDF | B.Tech (ECE & EIE) | 2nd Year | Google Classroom |
| Assignment-2 |
| Assignment-3 |
| Assignment-4 |