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| **Teacher Name** | **Subject Name** | **Topic Name** | **Sub Topic Name** | **E Content Type Pdf, Video** | **Class Name** | **Year** | **Link if Upload** |
| Jyoti Prashant Singh | EEC 609  Communication Engineering  Unit 1 (few topics)  Unit 2 | Amplitude Modulation  Phase Modulation  Frequency Midulation | VSB Transmission of Analog and Digital Television, Frequency Translation, Frequency-Division Multiplexing  Introduction, Basic Definitions, Frequency Modulation, Phase-Locked Loop, Nonlinear Effects in FM Systems, The Super-heterodyne Receiver, Analog and Digital FM Cellular Telephones | Notes Pdf  Handwritten notes  Google classroom  You tube Videos | B.Tech EI | 3rd year | <https://classroom.google.com/u/1/w/NTczNTY2ODEzOTda/t/all> |
| EEC 609  Communication Engineering  Unit 3 | Noise in Analog Modulation    Digital Representation of Analog Signals: | Introduction, Receiver Model, Noise in DSB-SC Receivers, Noise in AM receivers, Noise in FM Receivers, Pre-emphasis and De-emphasis in FM  Introduction, Digitization of Analog Sources, The Sampling Process, Pulse-Amplitude Modulation, Time-Division Multiplexing, Pulse-Position Modulation, PPM in Impulse Radio, The Quantization Process, Pulse-Code Modulation, Delta Modulation | Notes Pdf  Handwritten notes  Google classroom  You tube Videos | B.Tech EI | 3rd year | <https://classroom.google.com/u/1/w/NTczNTY2ODEzOTda/t/all> |
| EEC 609  Communication Engineering  Unit 4 | Base band Transmission of digital Signals | Introduction, Baseband Pulses and matched Filter Detection, Probability of Error Due to Noise, Inter symbol Interference, Eye Pattern, Nyquist Criterion for Distortion less Transmission, Baseband M-ary PAM Transmission, Tapped Delay Line Equalization, Transmission of 100 Mbps Over Twisted Pair | Whatsapp data  Few notes in google classroom | B.Tech EI | 3rd year | https://classroom.google.com/u/1/c/NTczNTY2ODEzOTda |
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**Department of Electronics & Communication Engineering**

**Faculty Name:** Mrs. Jyoti Prashant Singh

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| Jyoti Prashant Singh | EIC 652  Seminar | Topics were decided before lockdown  Students are directly discussing about the topics via gmail whatsapp.  Final presentations will be on zoom and dates are still to be announced as per the final exam schedules  EIC 652  Seminar | | Gmail  Whatsapp  Google classroom | B.Tech EI | 3rd year | https://classroom.google.com/u/1/c/NTc2NTM0MDg0NDBa |
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