


MANGALORE UNIVERSITY
Department of Physics
MSc Physics

PHP 514: ELECTRONICS –PRACTICALS - II

Course outcome

CO1 Will be able to perform amplitude modulation and demodulation.

CO2 Would be able to perform frequency synthesis and frequency shift keying (FSK) generator using PLL565.

CO3 Will know the technique of re-emphasis and de-emphasis.

CO4 Able to perform frequency modulation and demodulation using appropriate ICs.

CO5 Able to perform pulse width modulation and pulse code modulation.

1. Amplitude modulation
2. Demodulating AM voltage
3. PLL565 – Frequency synthesis
4. Frequency modulation and demodulation using IC 8038 and 560
5. Pulse width modulation
6. Frequency shift keying using PLL565
7. Pre-emphasis and de-emphasis
8. Pulse code modulation