

MANGALORE UNIVERSITY
Department of Physics
MSc Physics

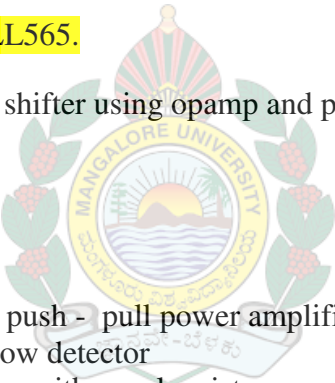
PHP 511 : ELECTRONICS –PRACTICALS I

Course outcome

CO1 Will be able to design and study the performance of various electronic amplifier circuits.

CO2 Student will have the experimental expertise in IC 311 comparator – window detector, frequency multiplication using PLL565.

CO3 Will be able to design phase shifter using opamp and precision voltage reference.

- 
1. Two stage CS amplifier
 2. Cascode amplifier
 3. Complimentary symmetry push - pull power amplifier
 4. IC 311 comparator – window detector
 5. Full wave precision rectifier with equal resistors
 6. Frequency multiplication using PLL565
 7. Phase shifter using opamp
 8. Precision voltage reference