**METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY**

B.E (VI SEMISTER) FEBRUARY 2019

Branch: **ECE** **B** Subject: **PDIC**

**ASSIGNMENT 1 QUESTIONS**

1. Derive the output voltage expressions in Low pass RC circuit for Symmetrical Square wave input.
2. Explain about Slicer circuit and draw the output waveform and transfer characteristics.
3. The Low pass RC Circuit as an Integrator
4. The High pass RC circuit as a Differentiator.
5. Explain about Slicer circuit and draw the output waveform and transfer characteristics.
6. Transistor as a switch
7. Transistor switching times.
8. Explain about Attenuator circuits.
9. Explain the response of RLC parallel circuit for step input.
10. Explain the response of RLC parallel circuit for step input.