

Department of Electronics and Communication Engineering

**Course Code:** UEC-301; **Course Name:** Analog Electronic Circuits  
**B.E. (ENC) (III-Sem),**

### “Tutorial Sheet No. 05”

- [1] Draw an equivalent low frequency small signal circuit of a given circuit as shown in Fig.1.

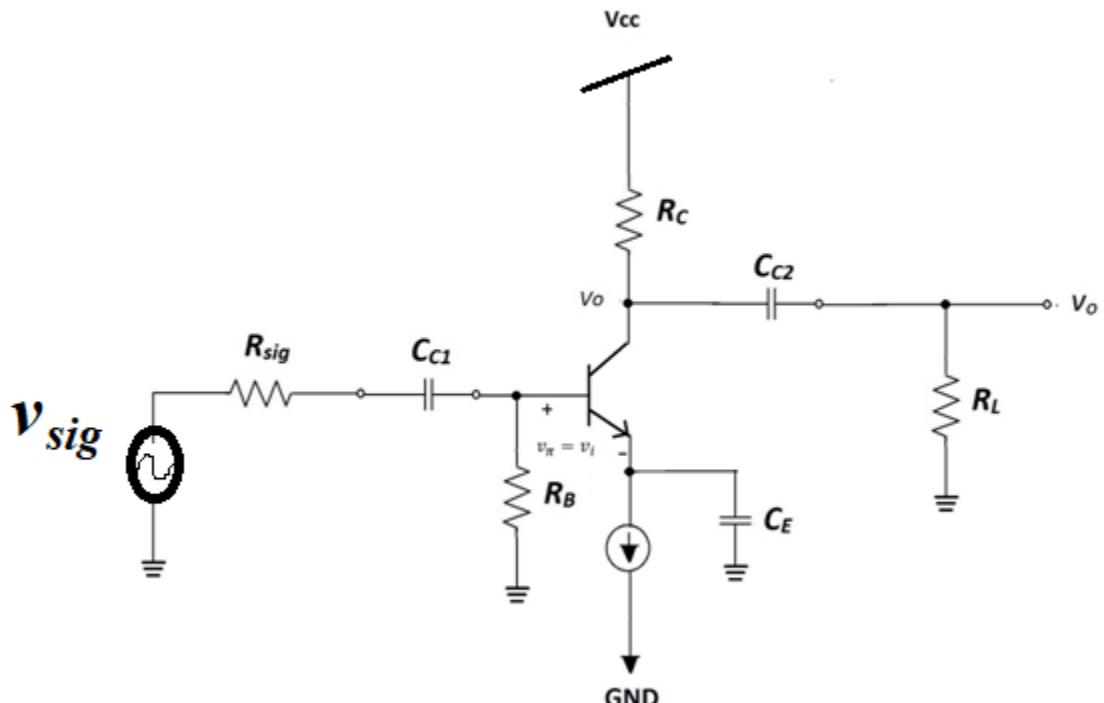


Fig. 1

- [2] Draw an equivalent low frequency small signal circuit (T equivalent) of a given circuit as shown in Fig.2.

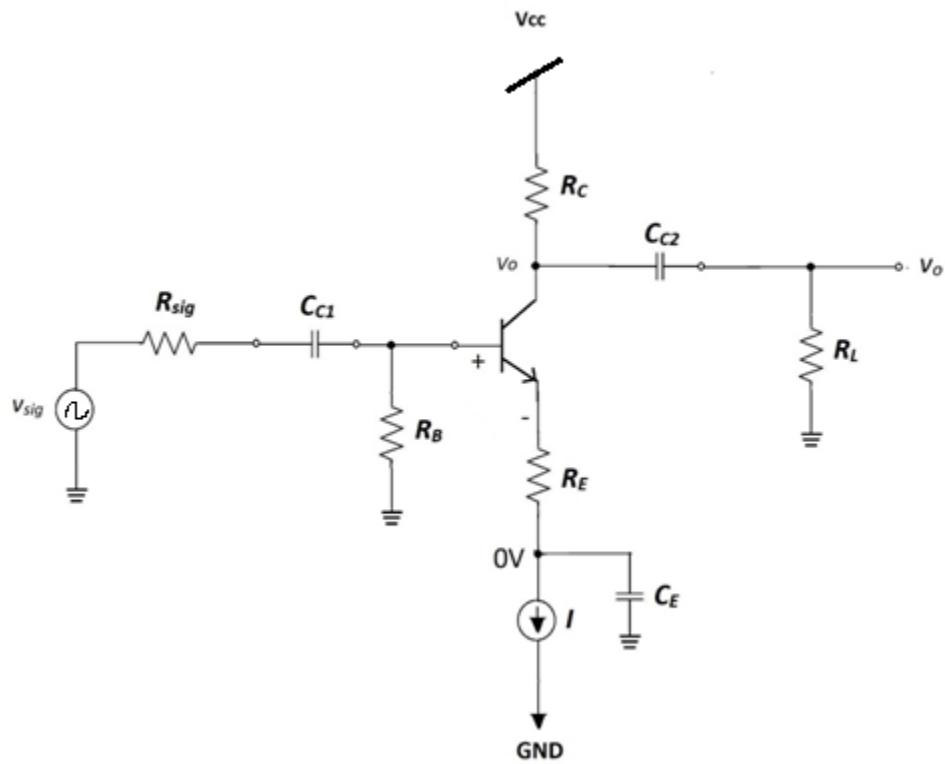


Fig. 2

- [3] Draw an equivalent low frequency small signal circuit(T equivalent) of a given circuit as shown Fig.3.

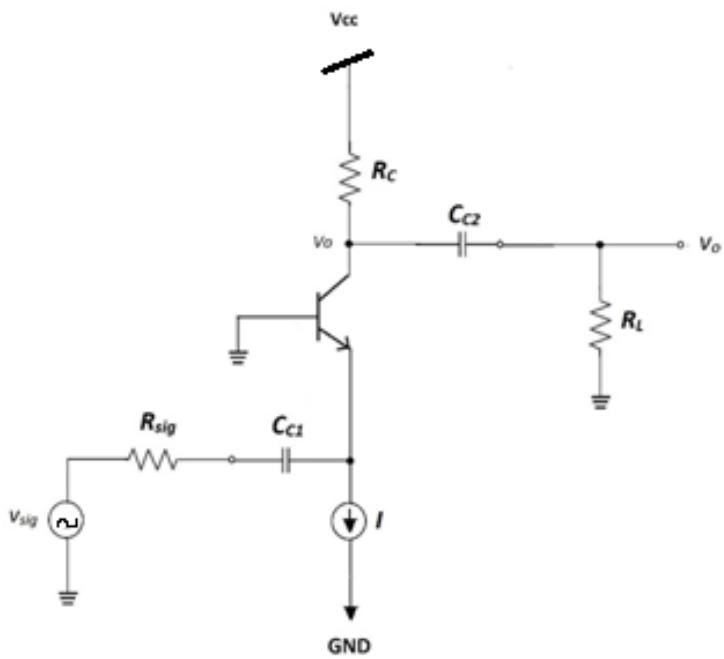


Fig.3

- [4] Draw an equivalent low frequency small signal circuit (T equivalent by considering early effect) of a given circuit as shown in Fig.4.

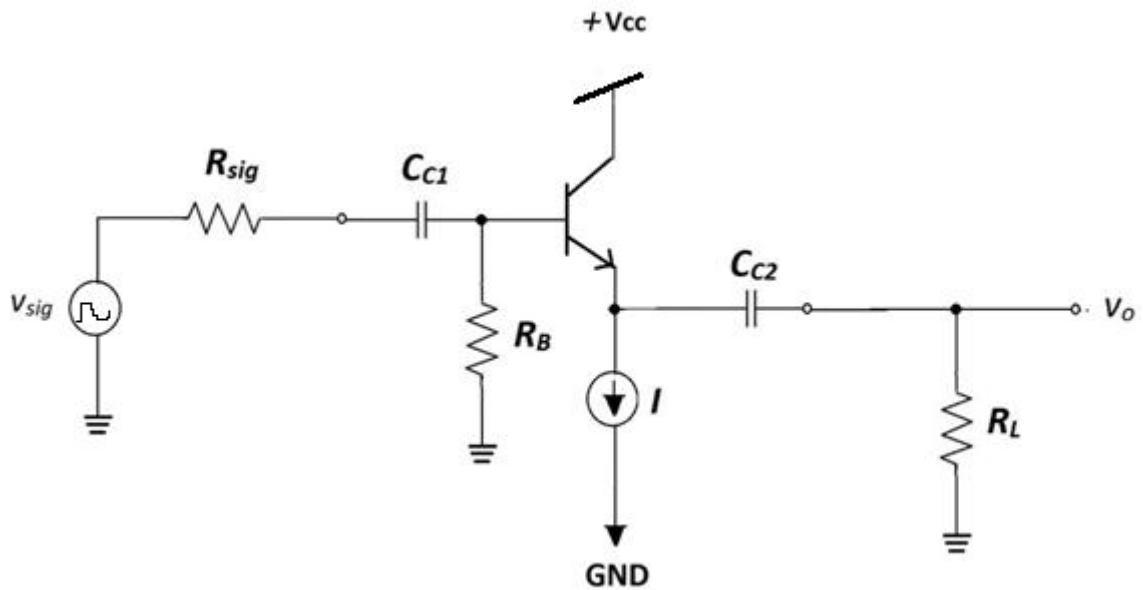


Fig.4