



K.S.RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCHENGODE - 637215
(An Autonomous Institution, Affiliated to Anna University, Chennai)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



MODES OF CONTENT DELIVERY

SELF LEARNING

Date: 28.07.2025

Batch: 2024-2028

Academic Year: 2025-26

Course code/ Name : 60 EC 301- Electronic Circuits

Year/Sem/Sec: II/III/A&B

Module Name : CC amplifier

Name of the Faculty : Mrs.S.S.Thamilselvi & Mrs.M.Devaki

Prerequisite topic : CE & CB amplifier

- ✓ Prerequisite topic of CE & CB amplifier is discussed with students using lecture with discussion on 18.8.21 & 25.08.21

S. No	Topics	Date	Discussion (Questions)	Activity	Impact
1	Common Collector amplifier	28.07.25	✓ Phase shift between input and output signal ✓ h-parameter equivalent circuit ✓ impedance and gain analysis ✓ The advantage & application of CC amplifier	✓ Conducted quiz for analyzing their understanding level	✓ It helps the students to understand the concepts more effectively. ✓ Increased their self confidence

Course Instructor

Module Coordinator

Program coordinator

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DEPARTMENT OF ECE

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QUIZ QUESTIONS

Q.No	Answer all questions
1.	_____ circuits are used to increase/strong the input signal. a. Inductor b. Capacitor c. Amplifier d. All are correct Answer: c
2.	Dc voltage in the transistor amplifier are used for_____. a. increasing gain b. current conduction c. coupling d. a & c are correct Answer: a
3.	Gain of the amplifier transistor is directly proportional to the amplified signal. a. True b. False Answer: True
4.	In the common collector combination, the output is taken from the collector. a. True b. False Answer: False (Emitter)

5.	The Emitter Follower circuit is an another name of _____. a. common base b. common emitter c. common collector Answer: c
6.	The voltage gain of common collector amplifier is less than 1 a. True b. False Answer: True
7.	In the common collector combination, the low input base current results in _____. a. high input impedance b. high output current c. low input impedance d. all are correct Answer: d
8.	Common Collector transistor is oftenly used for high input and low output impedance. a. True b. False Answer: True
9.	Common Collector is also called Emitter follower because the input and output are _____. a. In phase b. Out of phase Answer: a
10.	The symbol of output impedance is Z_o. a. True b. False Answer: True

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