SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)
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Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)
COIMBATORE-641 035, TAMIL NADU

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Course Code & Name : **23ECT203 & Linear Integrated Circuits**

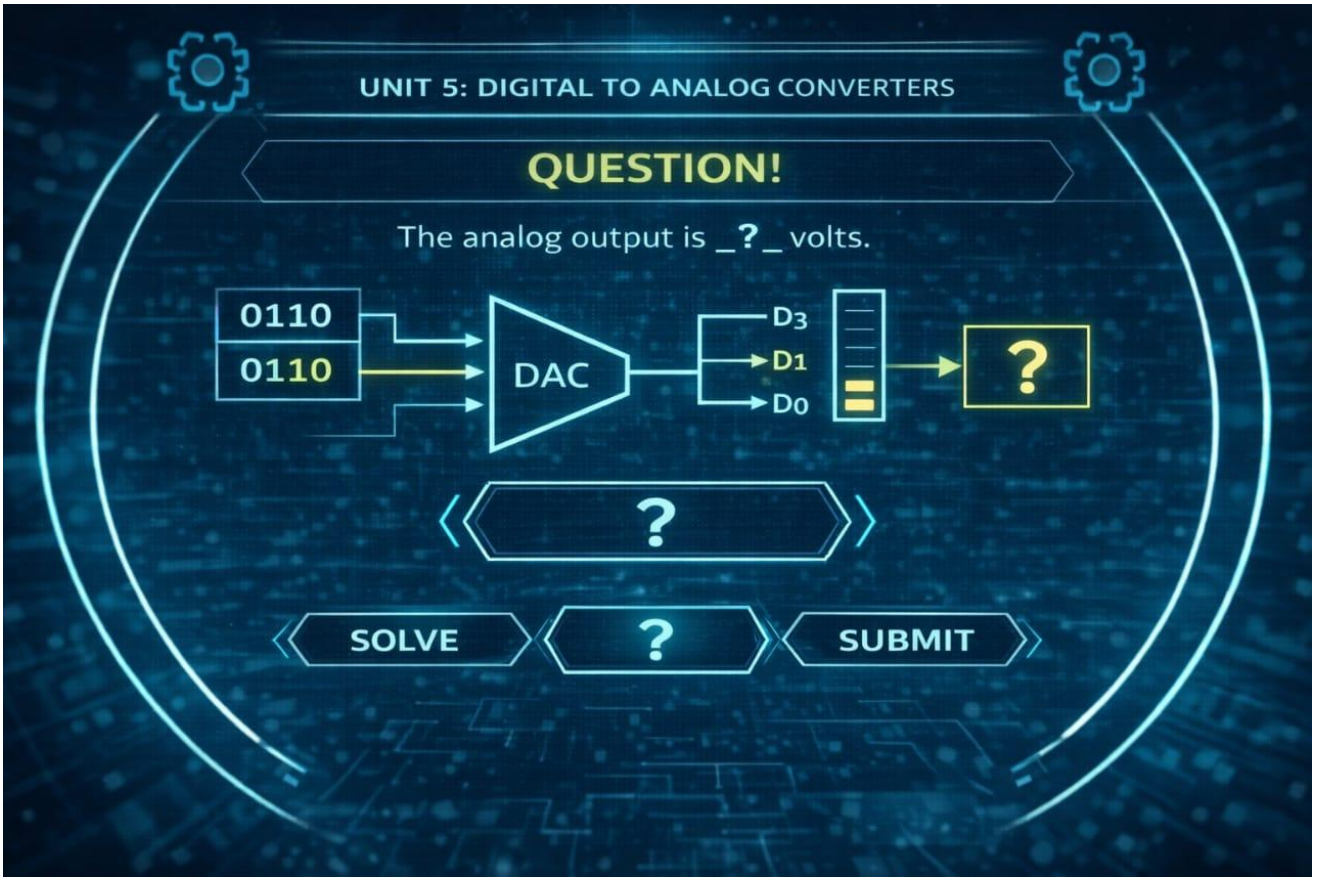
Course Faculty : **Ms.V.Aishwarya AP/ECE**

Puzzles / In Class Activities

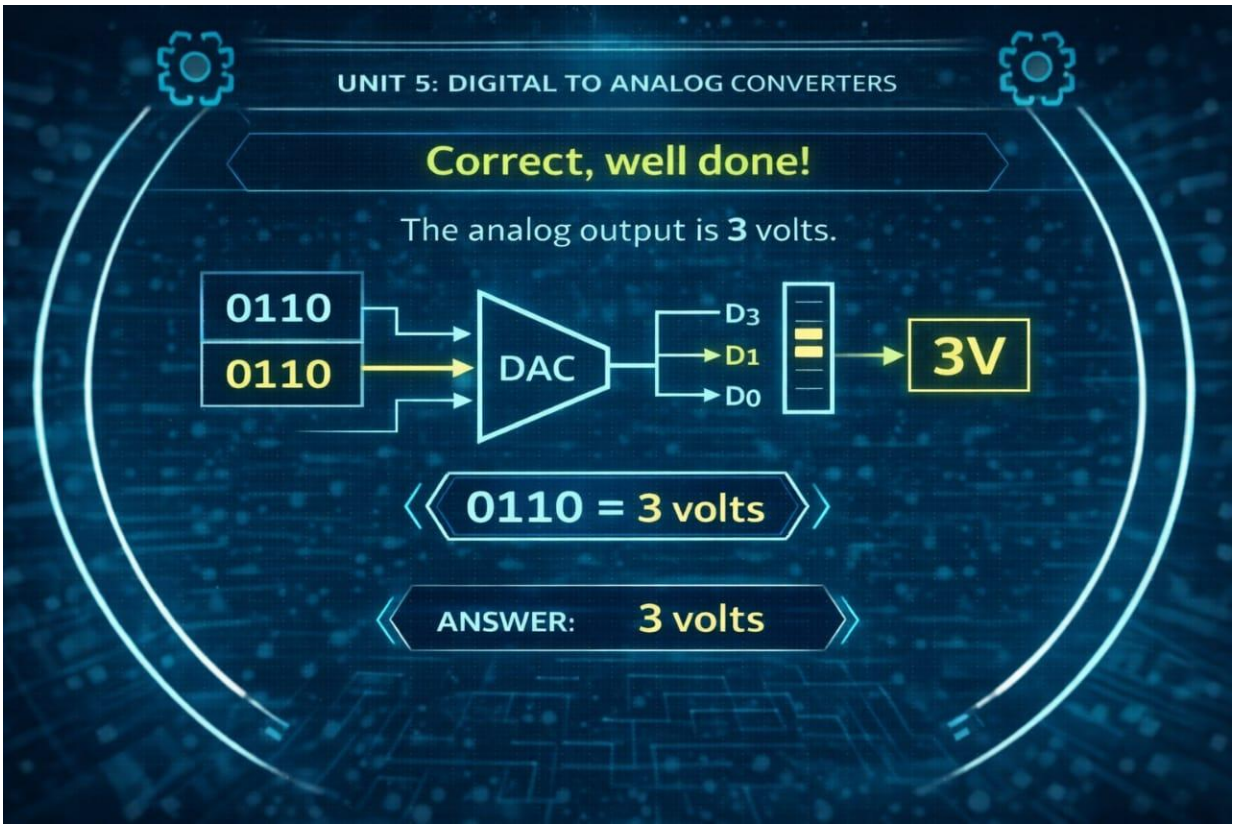
Topics Covered: **Unit 4-** WAVEFORM GENERATORS AND

SPECIAL FUNCTION ICS

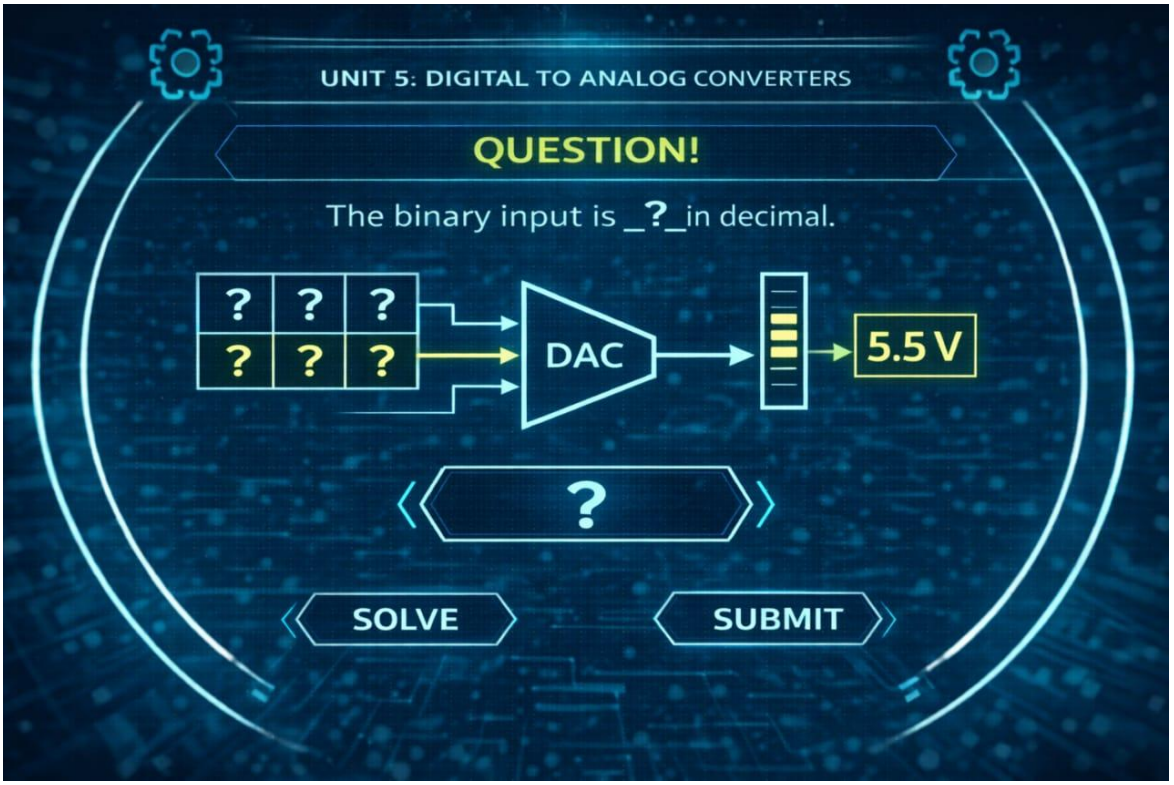
Puzzle 1



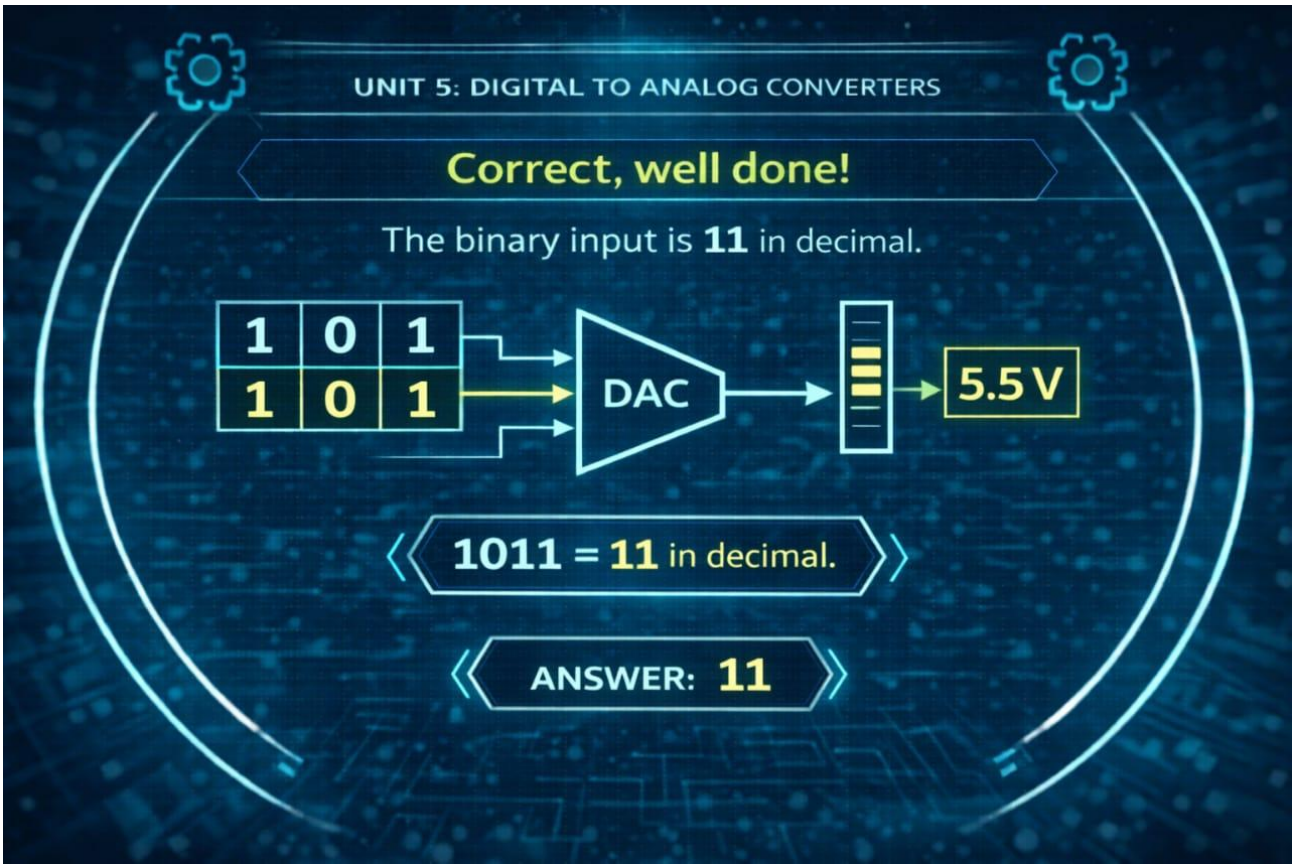
Answer :


UNIT 5: DIGITAL TO ANALOG CONVERTERS
Correct, well done!
The analog output is 3 volts.
0110
0110
DAC
D3
D1
D0
3V
0110 = 3 volts
ANSWER: 3 volts

Puzzle 2


UNIT 5: DIGITAL TO ANALOG CONVERTERS
QUESTION!
The binary input is _?_in decimal.
? ? ?
? ? ?
DAC
5.5 V
?
SOLVE
SUBMIT

Answer:


UNIT 5: DIGITAL TO ANALOG CONVERTERS
Correct, well done!
The binary input is 11 in decimal.
1 0 1
1 0 1
DAC
5.5 V
1011 = 11 in decimal.
ANSWER: 11