

COMPUTER ENGINEERING

DLCA ODD SEM 2021-22/EXPERIMENT 3

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Experiment No: 3 Aim: To design and verify full Adder Circuit
Software used: Virtual labs Theory: Full Adder
Full Adder is a three input two output combination logic current which can add three single bits applied at its inputs to produce sum and carry outputs. It can add two one-bit numbers Aards and carry (in The full adder is a three input and two output combinational current To over-come the drawback of half adder circuit a lingle bit adder circuit called full adder is developed. It can add two one bit numbers A and B and Carry (in
Block diagram A full Sum (s) B ADDER Carry (co)

ABC	Truth table Input Output A B (in S / Co O O O O O O O O O O O O O O O O O O O O O O O O
Sundaram	FOR EDUCATIONAL USE

OUPUT:

Full Adder:









