TITLE: EM SIMULATION PROJECT

SUBJECT: ELECTRONICS MATERIALS – BEE201L

SLOT: C2+TC2 - TT415

NAME: KAUSHIK BANIK

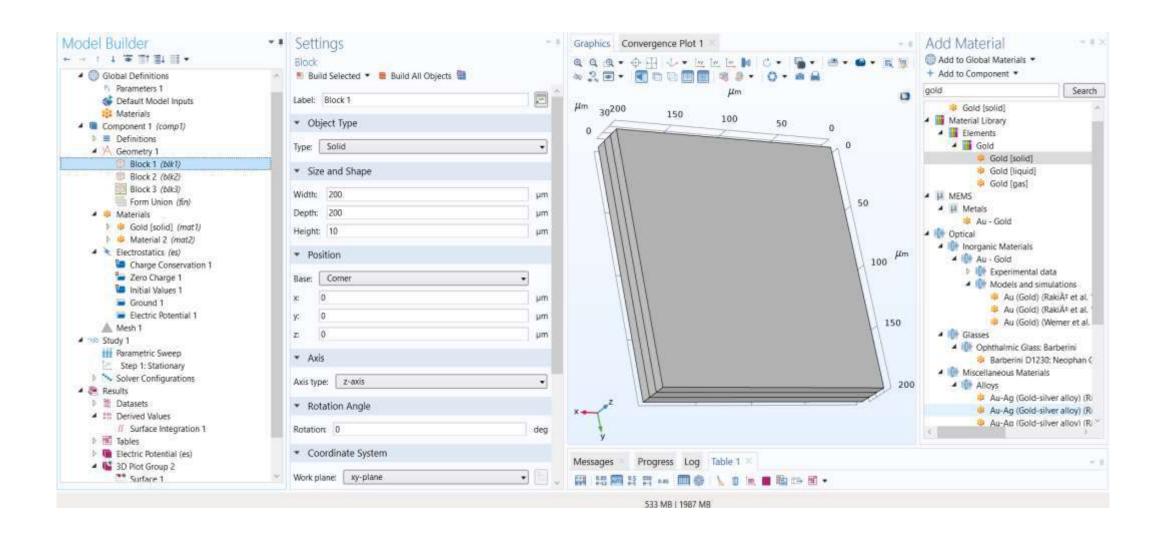
BRANCH: BTECH

COURSE: ELECTRONICS AND ELECTRICAL ENGENEERING

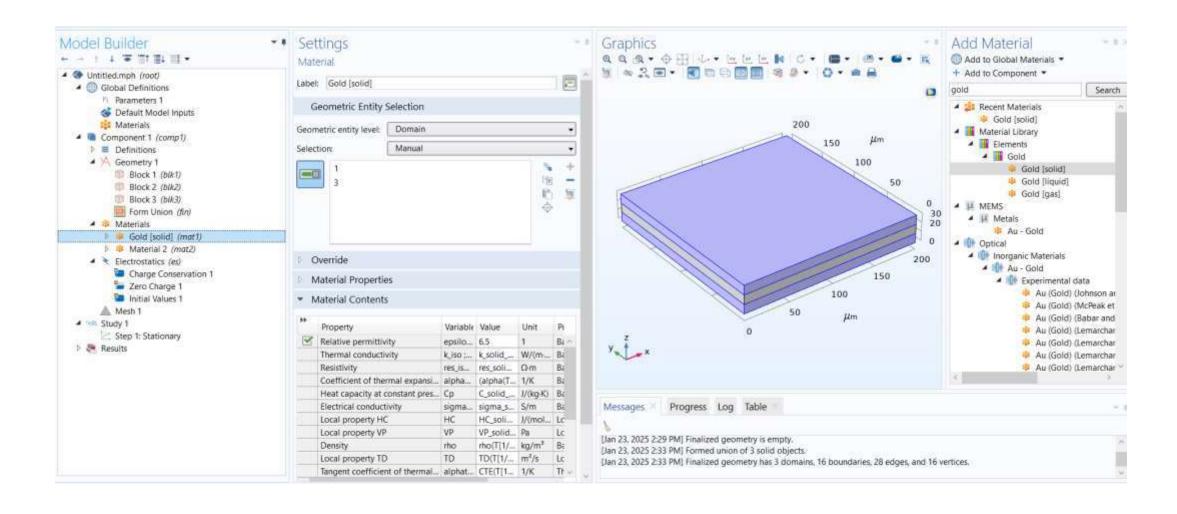
REGISTRATION NO:24BEE0241

FACULTY: SIR UMA SATHYAKAM P

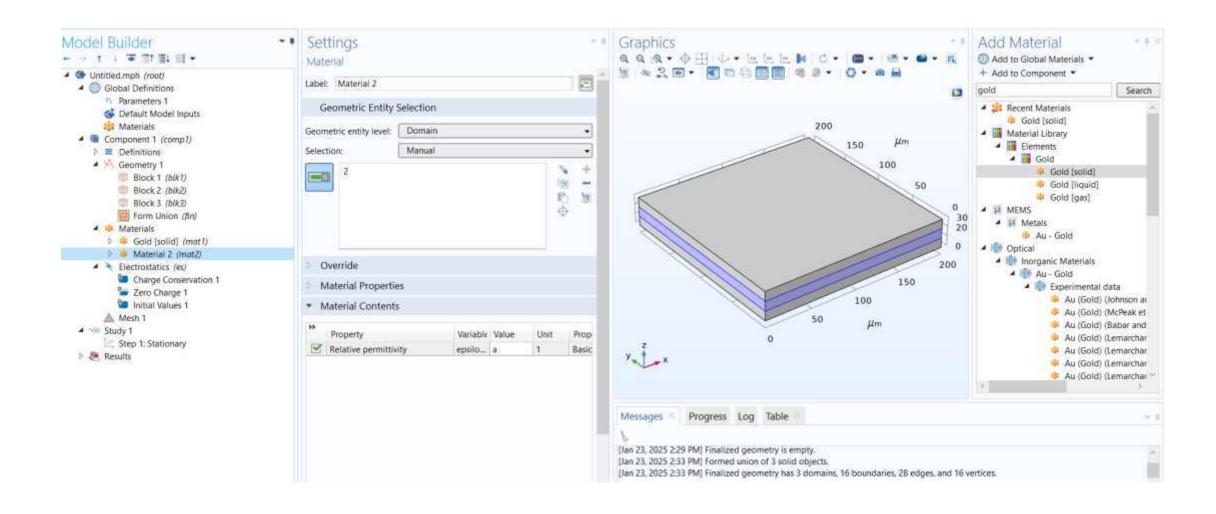
GEOMETRY 1:



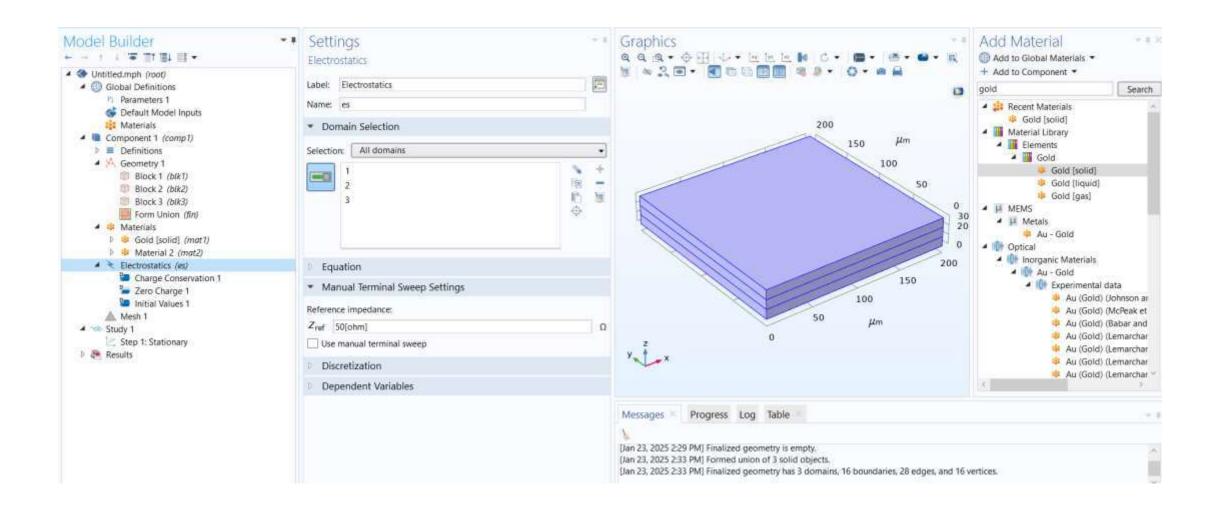
GOLD [SOLID](mat1):



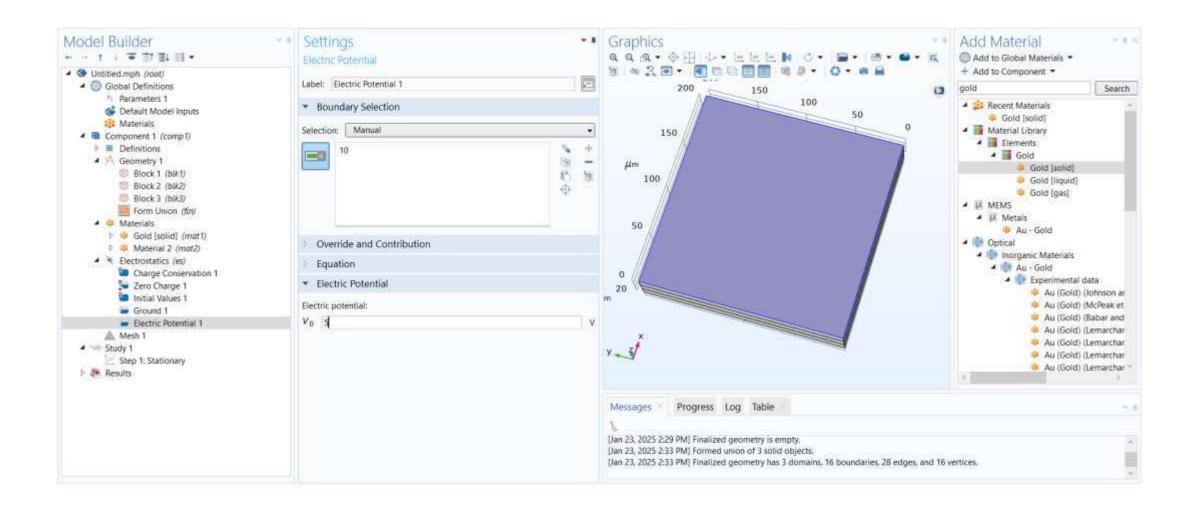
MATERIAL 2 (mat 2):



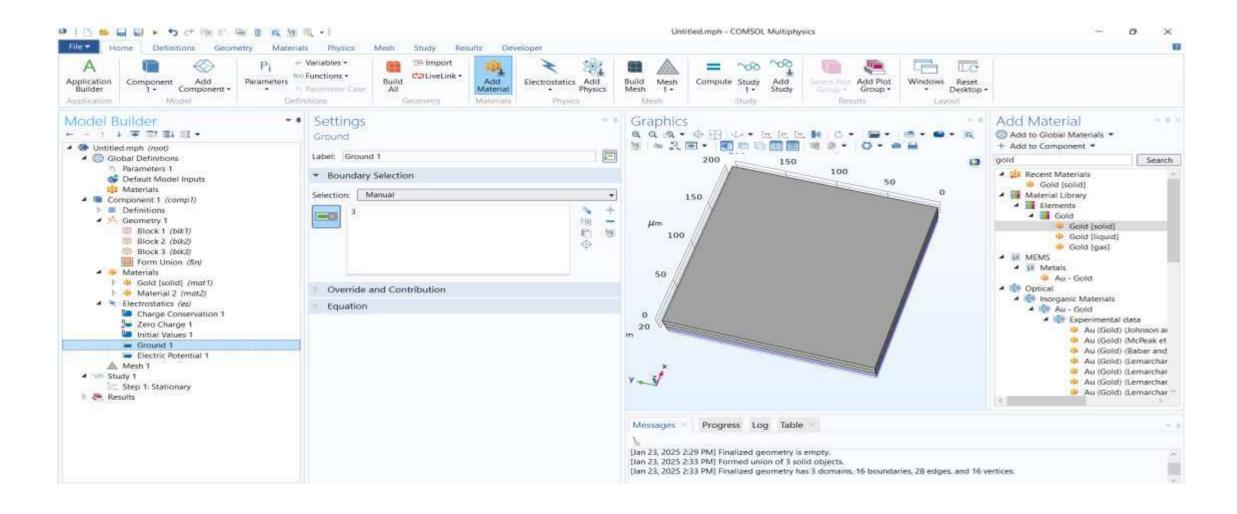
ELECTROSTATICS (es):



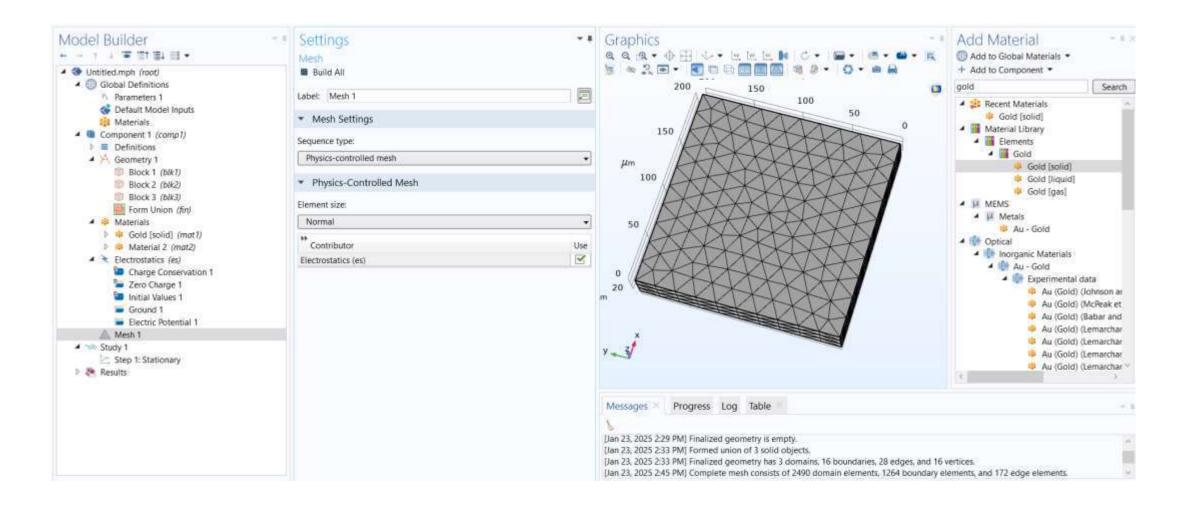
ELECTRI POTENTIAL 1:



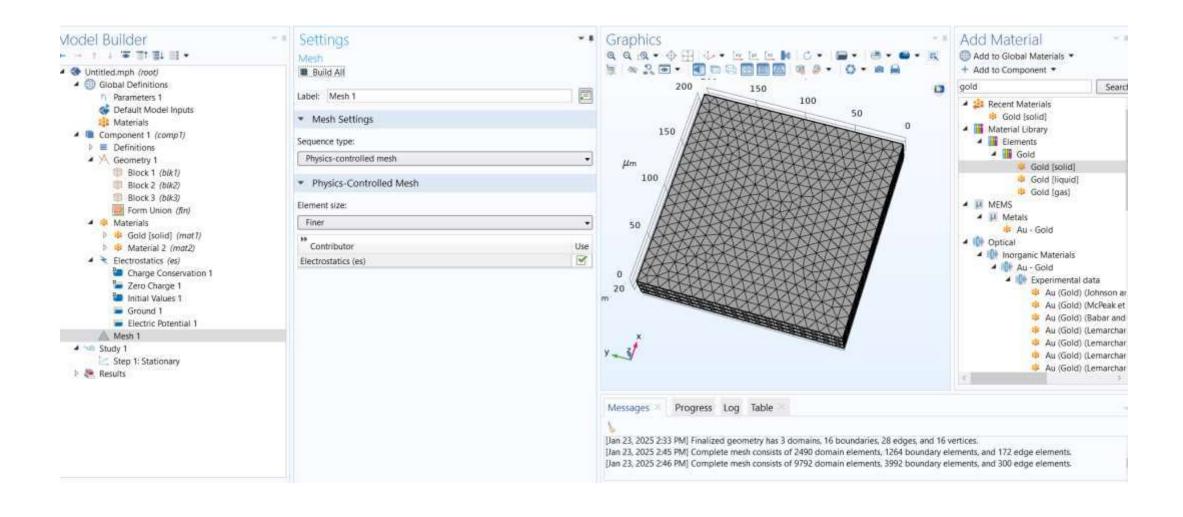
GROUND 1:



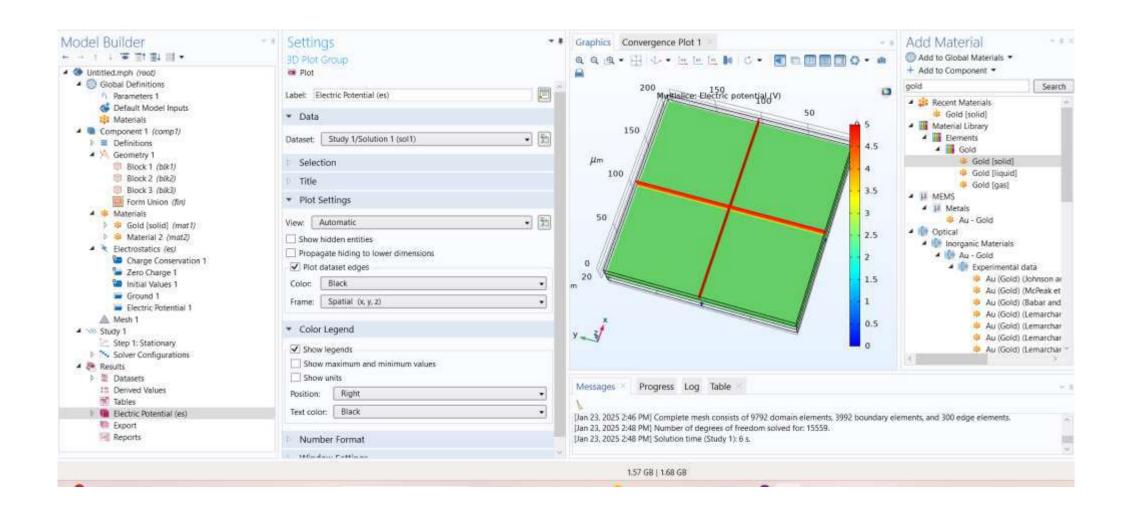
MESH 1: ELEMENT SIZE : NORMAL



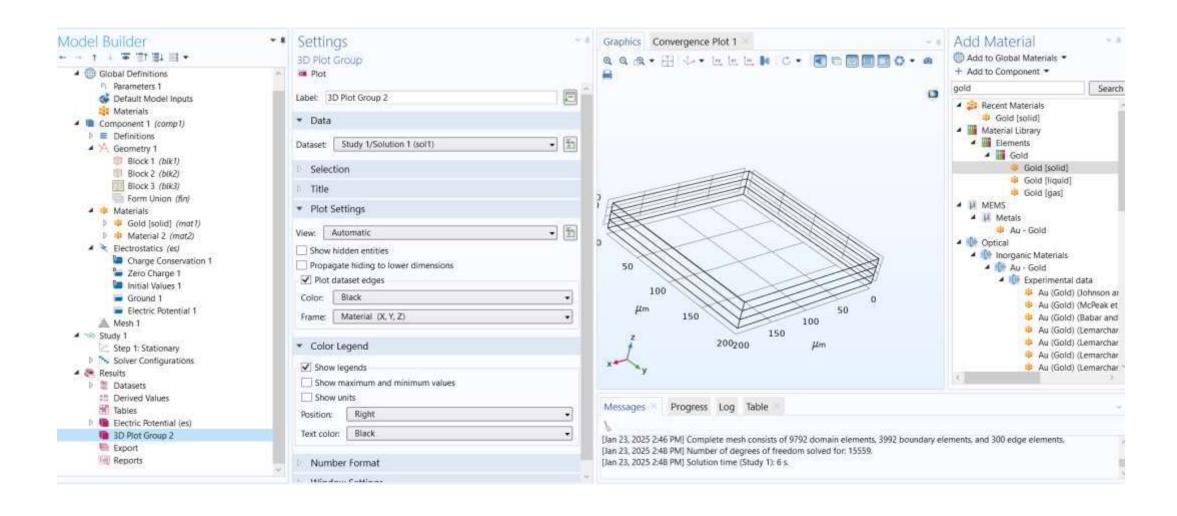
ELEMENT SIZE: FINER



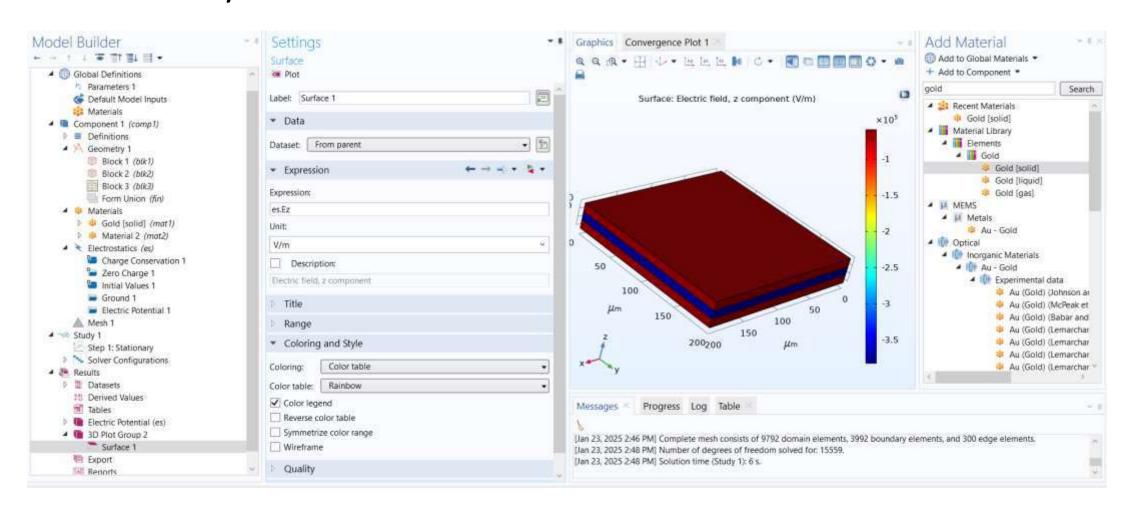
ELECTRI POTENTIAL(es):



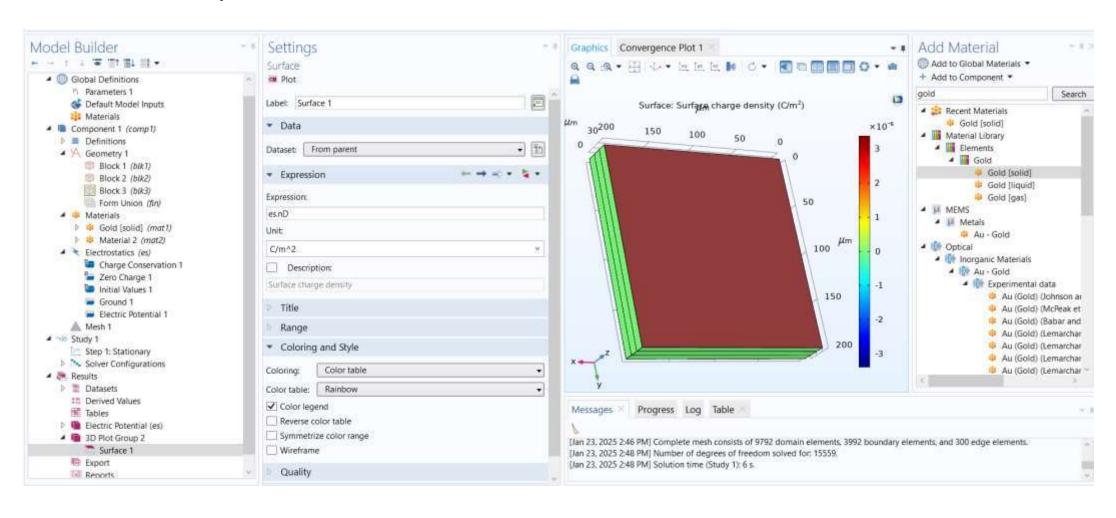
3D PLOT GROUP 2:



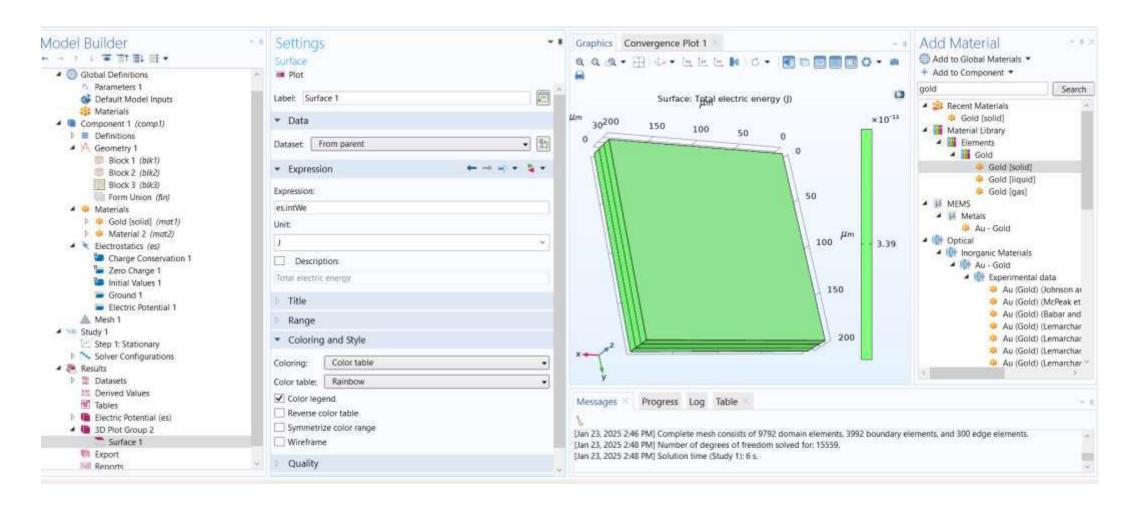
SURFACE 1 : ELECTRIC FIELD ,z COMPONENT UNIT : V/m



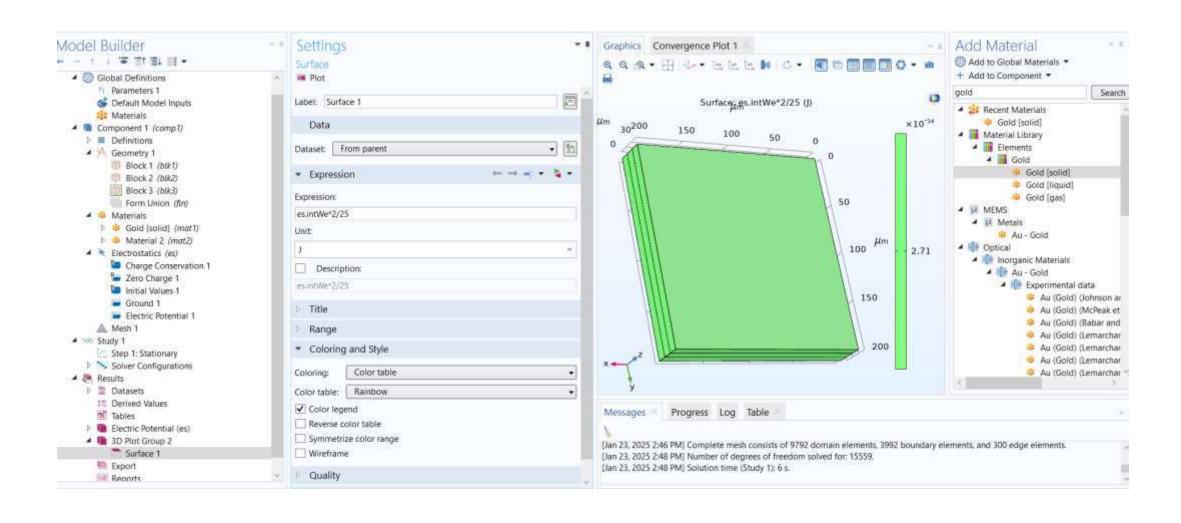
SURFACE 1 : SURFACE CHARGE DENSITY UNIT : C/m^2



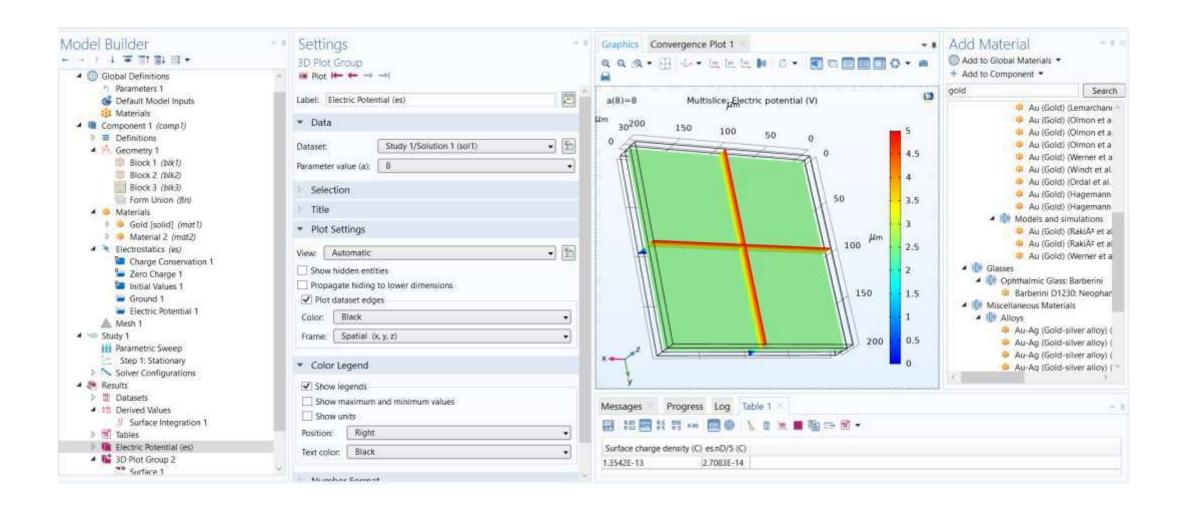
SURFACE 1 : TOTAL ELECTRIC ENERGY UNIT : J



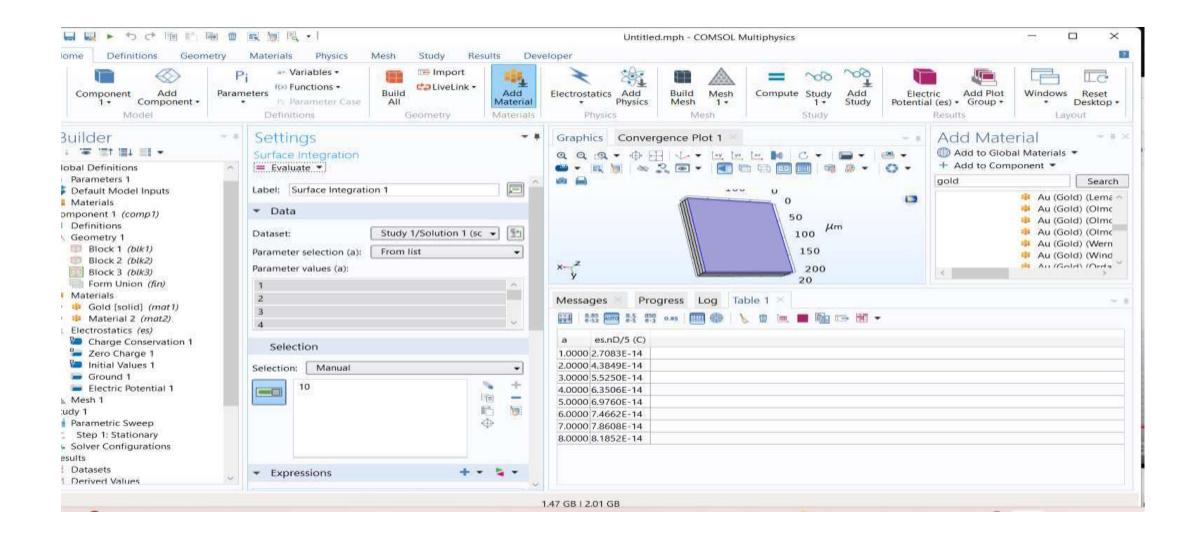
SURFACE 1 : es.intWE*2/25(J)



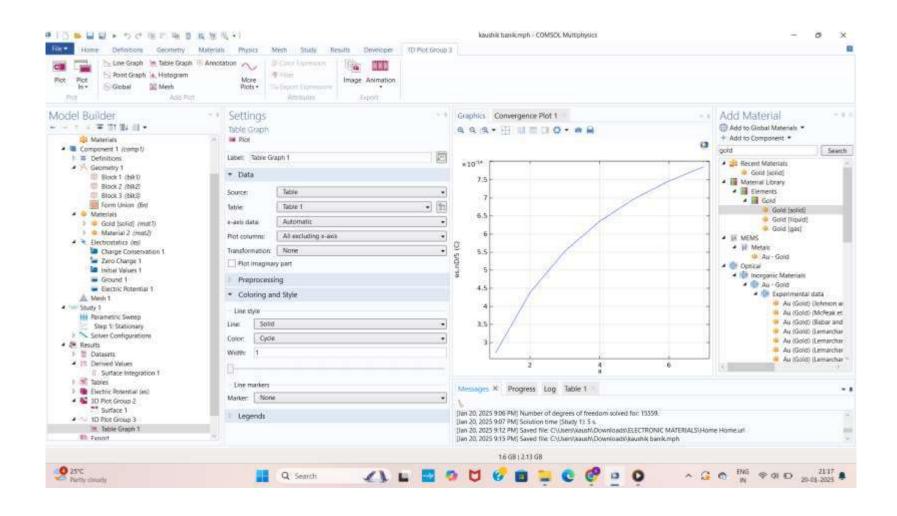
MULTISLICE: ELECTRIC POTENTIAL(V)



PARAMETER VALUES (a):



GRAPH:



THANK YOU