

Circuit Simulation Project

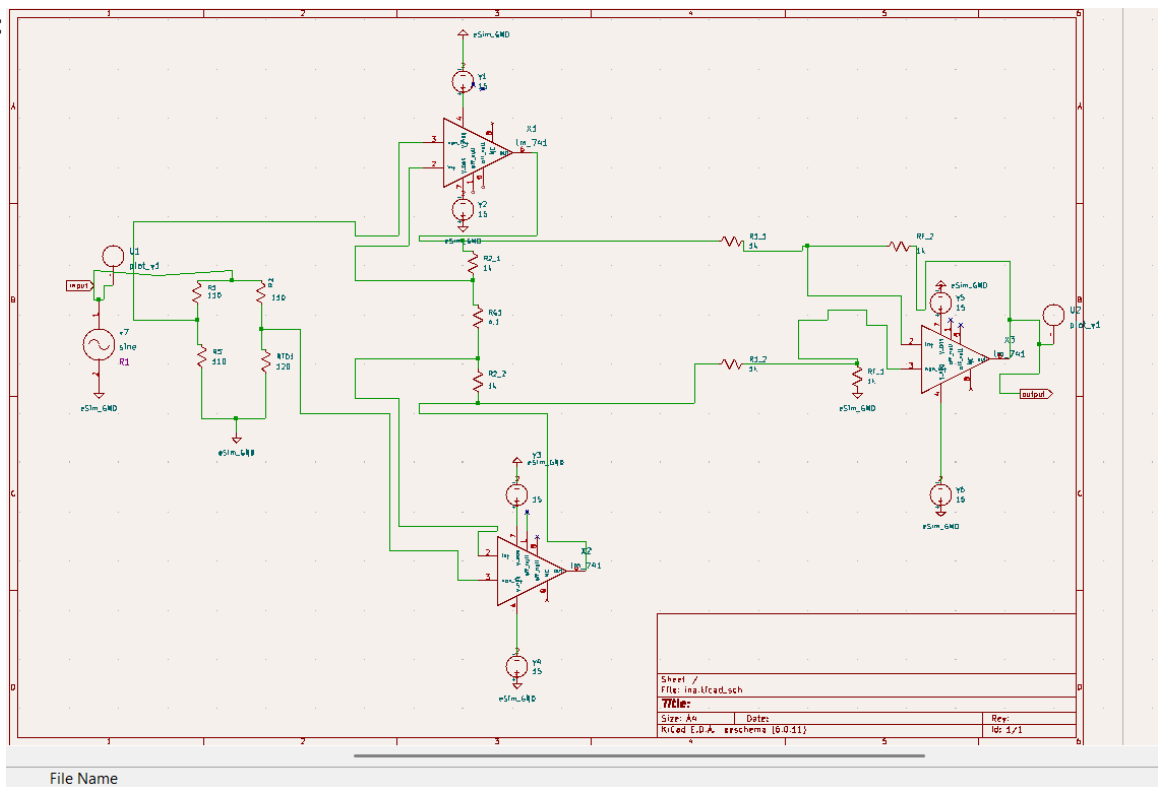
<https://esim.fossee.in/circuit-simulation-project>

Name of the participant : Kritish Mohapatra

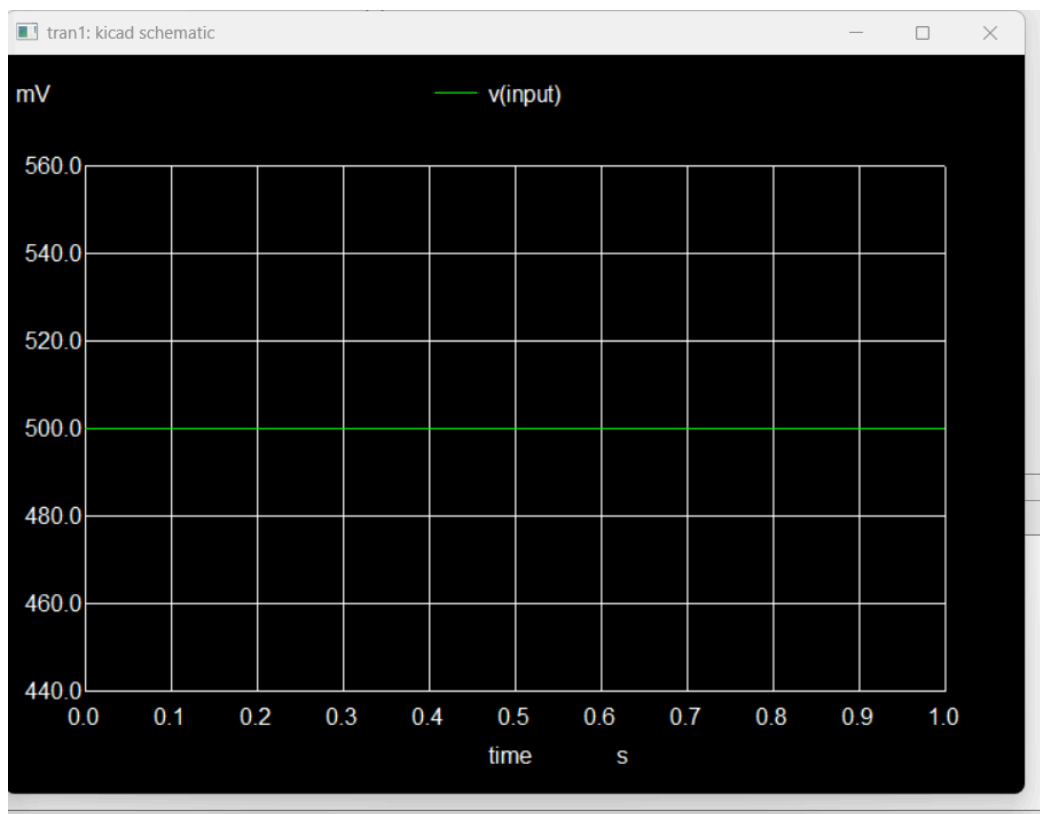
Title of the circuit : Differential Instrumentation Amplifier Transducer Bridge

Theory/Description : The Differential Instrumentation Amplifier (IA) with Transducer Bridge is a precision measurement system designed to amplify low-level signals from sensors while rejecting common-mode noise. It integrates a Wheatstone bridge-based transducer with a high-gain instrumentation amplifier, enabling accurate and reliable measurement of physical parameters such as strain, temperature, or pressure.

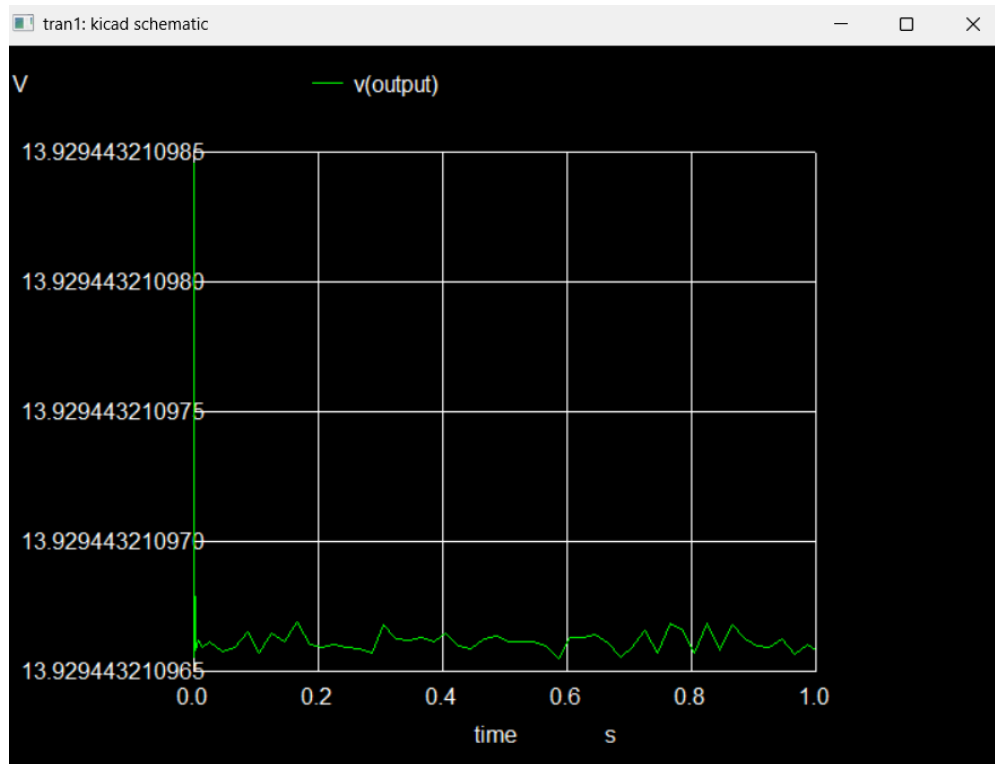
Diagram(s) :



Input:-



Output-



Source/Reference(s) : <https://www.eeeguide.com/differential-instrumentation-amplifier-transducer-bridge/>