EXPERIMENT 4

Day & Date: METRE BRIDGE -3

AIM:-

 To verify the law of combination of resistances in parallel using a meter bridge.

Theory:

In a balanced Wheatstone’s bridge, P/Q = R/S

Circuit diagram:

OBSERVATIONS:



 (III) To find the resistance in parallel

Theoretically,



Result:

 Hence the law of combination of resistances in parallel is verified.