



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_28280
Title of the Manuscript:	CONSTRUCTION OF A SIMPLE TRANSFORMER TO ILLUSTRATE FARADAY'S LAW OF ELECTROMAGNETIC INDUCTION ALONG SIDE MUTUAL INDUCTANCE
Type of the Article	Original Research Article

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This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	<p>This work presents a suitable reproducible device for illustrating mutual induction of a coil. Based on an analytical approach and experiments, the transformer can function effectively to give a low voltage output to electrical gadgets. Some suggestions are as follows:</p> <ol style="list-style-type: none">1. "copper wire" and "cupper wire" should be unified in this paper.2. Add some details on constructed device.3. Add some experimental data e.g $V_s=100V, 50V$, and so on. Discuss more details about the simple transformer.4. Revise the references [2] and [3].	<p>Dear Sir,</p> <p>Grammatical error has been unified "copper wire". I also added some details about the constructed device as well as the transformer, experimental data have been added in tabular form. Finally I have rearranged all the references.</p> <p>Thank you.</p>