

## Review Form 1.7

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_96926
Title of the Manuscript:	Synthesis, spectroscopic characterization, antioxidant properties and antimicrobial activity of transition metal complexes from novel Schiff base
Type of the Article	Original Research Article

### General guideline for Peer Review process:

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.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalcjust.com/index.php/CJAST/editorial-policy> )

### PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
<b>Compulsory</b> REVISION comments <b>1. Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript) <b>2. Is the title of the article suitable?</b> (If not please suggest an alternative title) <b>3. Is the abstract of the article comprehensive?</b> <b>4. Are subsections and structure of the manuscript appropriate?</b> <b>5. Do you think the manuscript is scientifically correct?</b> <b>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b> <b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b>	Yes, the manuscript contains important information regarding the complexes studied, in terms of physical data and biological activity. The title is good. Scheme 1 is missing from the manuscript. What about the yield of the reactions?  3.1. There is duplicate information. Do not repeat phrases. Provide melting point for the complexes with accuracy.  The IR and NMR spectra of the ligand and the metal complexes should be provided.  "Among the metal complexes, Cu and Mn complexes exhibit the most antibacterial action. Mn-L <sub>1</sub> > Fe-L <sub>1</sub> > Copper-L <sub>1</sub> > Copper-L <sub>1</sub> > Copper-L <sub>1</sub> > Copper-L <sub>1</sub> > Copper-L <sub>1</sub> > Copper-L <sub>1</sub> > Copper-L <sub>1</sub> as shown in Figure, 1 is the order of antibacterial activity of the substances"- please rephrase  Please revise the conclusions " Fe (II) > Cu (II) > Mn (II) > Copper (II)" Do not mess Copper (Cu) with Cobalt (Co)	
<b>Minor</b> REVISION comments <b>1. Is language/English quality of the article suitable for scholarly communications?</b>	Yes	
<b>Optional/General</b> comments		

### PART 2:

	Reviewer's comment	Author's comment (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)
<b>Are there ethical issues in this manuscript?</b>	(If yes, Kindly please write down the ethical issues here in details)	

### Reviewer Details:

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