

Review Form 1.6

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_78159
Title of the Manuscript:	Electronic Structure of Two New Bis-Schiff Base Ligands using DFT Method
Type of the Article	Short 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.journalajacr.com/index.php/AJACR/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)
Compulsory REVISION comments	<p>1.The author need some experience data to compare with the calculation result.</p> <p>2.The author should check the unit and basis set carefully, such as °K.</p> <p>3.Any calculation using b3lyp functional must be done including empirical dispersion correction. All the calculations should be repeated coonsidering dispersion correction.</p> <p>4.Whether enthalpy of sublimation is considered in the calculation</p> <p>1.Chapter 3RESULTS AND DISCUSSION 2.Abstract 3.Chapter 2.4 Computational Methods 4.Chapter 2 Table 1</p>	
Minor REVISION comments	<p>I recommended that the author should add FTIR dipole moment analysis to make sure his conclusion is suppld and perfectly.</p> <p>1.Chapter 3 RESULTS DISCUSSION</p>	
Optional/General comments		

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PART 2:

	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>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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