SDI Review Form 1.6

Journal Name:	**British Journal of Applied Science & Technology**
Manuscript Number:	**Ms_BJAST_24551**
Title of the Manuscript:	**Production and Analysis of Pyrolysis Oil (Bio-Oil) From Mahogany Wood**
Type of the 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:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

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 1. Characterisation of the produced mahogany oil 2. Characterisation of the mahogany wood 3. Definition of pyrolysis 4. literature review	**1. The use of FTIR alone to characterise the liquid derived from the pyrolysis of Mahogany is not sufficient. I suggest the student use GC-MS** **2. There is need for the proximate and ultimate analyses of the mahogany wood to be performed in order to know its physical and elemental composition. Especially as the author said he determined the HHV using equation 4 line 218 on the manuscript.** **3. Pyrolysis temperature range is wider than that stated by the author. That should be rechecked.** **4. More recent articles upto 2016 are available on the subject of pyrolysis. The author should consult and cite such for this work.**	
Minor REVISION comments		
Optional/General comments		

Reviewer Details:

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