



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_31679
Title of the Manuscript:	Development of a Manually Operated Multi-Purpose Roasting Machine
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:

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



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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)
<u>Compulsory</u> REVISION comments	<u>Form and style Comments:</u> 1. Units (dimensions) must be in (mm); 2. Figures must have dimensions for more clarification; 3. In his case, the paper is very bad in terms of organization. Then You must avoid mathematical formulas that are useless; 4. The author should uses Equation-Editor for all mathematical formulas; 5. Mathematical formulas should be numbered successively; 6. When mathematical formulas are made, a simple descriptive paragraph should be done. For example: When A presents sheets length in (mm), ... And in (); 7. Revise subheading section, because for 7 pages the author uses 4 subheadings. The author must avoid that are useless; 8. Revise the references style; 9. In the Methodology section, The author should explain how to choose the materials made in terms of characteristics, and that, given the machine geared for food preparation.	Units has changed to mm; There is dimensions in the figures listed; Okay sir; Equation-Editor was used for mathematical formulas; Done; Done; Subheading section was revised; References format has changed to ethical standards; Material selection criteria have been included. The machine components are



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	<u>Technical Comments:</u> 1. At high temperatures, the oxidation process becomes quick. Then, can you estimate the machine components life. 2. How many the inflammation ratio of Food Item after roasting; 3. How optimal regimes are chosen (by food categories). 4. How many the ratio (food item in kg) per (Charcoal in kg) for optimal use; 5. The machine manufacturing price must be given (in Dollard / Euro); 6. The aesthetics of the machine looks modest; 7. What do you think about the use of stainless steel for the construction of the machine, This will look good in terms of hygiene and aesthetically; 8. What is your perspective to the machine (your actual model), in terms of the competition, marketing (and their places). Do you think they are on the current form capable of all that. 9. In the results and discussion section. Author gives only simple and sketchy information. So, the author must give all the results of the evaluation; 10. Among the safety rules, some of the mechanical parts must be covered (Charcoal Chamber, chains and sprockets). What are	tested for failure and fatigue before fabrication. The machine components are of good strength, toughness and durability to stand the test of time; 30 food items are chosen; For maize cobs ratio to charcoal is 1.29 to 2 while for plantains is 1.78 to 2 for optimal use; Manufacturing price has changed to dollar; Thanks; For mass production, stainless steel will be used. However, the project target was for low income earners; Yes, the machine is on the current form and is up to standard in terms of competition, marketing and cost; This has been done and others information has been added to it;
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	your measures within this side; 11. In the conclusion section, the author should describe some information (Obtained results between July 2014 and October 2016, Productivity, Food items/charcoal ratio); 12. Are you the author can give recommendations for the use of this machine in the form of user manual, to someone who wants to buy it?	Done; Ten maize cobs and ten plantains can be roasted within 12 minutes and 20 minutes respectively. This result is in line with the work of Oke (2014), whose machine produced ten maize cobs and ten plantains for 15 minutes and 35 minutes respectively; Yes.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.
Kindly see the following link: <http://sciencedomain.org/archives/20>