



SDI Review Form 1.6

PART 1:

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	2013_BJAST_4834
Title of the Manuscript:	COMPARATIVE ANALYSIS AND PERFORMANCE OF SOLAR DRYERS WITH BACKUP INCINERATORS FOR NSUKKA SUB-TROPICAL AND MAKURDI HUMID LOCATIONS USING SELECTED FARM PRODUCE
Type of the Article	Research paper



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PART 2: 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	A. Spelling mistakes - Page-2, Line No. 51 - Existing - beign To be corrected as - being - Page-2, Line No. 66 - Existing - and To be corrected as - unfavorable - Page-6, Line No. 122 - Existing - Okro To be corrected as - Okra - Page-11, Line No. 161 - Existing - okro To be corrected as - okra - Page-11, Line No. 180 - Existing – exist To be corrected as - exit B. Missing Data - In Fig-1 - Legend is not shown for temperature. - In Fig-1 and 2 - There are two quantities plotted on the vertical axis-	Corrected as recommended: see yellow highlights Corrected as recommended: see yellow highlights Corrected as recommended: see yellow highlights Corrected as recommended: see yellow highlights Corrected as recommended: see yellow highlights Corrected as recommended: see yellow highlights – legends now shown Corrected as recommended: two quantities now indicated



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	a. Temperature b. Efficiency of Solar Collector Axis title and scale for Efficiency of Solar Collector is not shown on the vertical axis. C. Punctuation error 1. Page-8, Line No. 136 Existing – 47.19% 16hrs, To be corrected as – 47.19%, 16hrs 2. Page-10, Line No. 149 Existing – solar, dryer To be corrected as – solar dryer D. Interpretation with respect to tabulated readings and graphs 1. There has to be certain amount of interpretation regarding the experimental readings obtained which are not following the usual trend in Table-1 and Table-3. 2. Please refer to discussion on Page-8, Line Nos. 135 to 139, the data discussed about, pertaining to open sun drying is available in	Corrected as recommended:– axis title now shown on the vertical axis Corrected as recommended: see yellow highlights Corrected as recommended: see yellow highlights Corrected as recommended: see yellow highlights Corrected as recommended: see yellow highlights Corrected as recommended: see yellow highlights Corrected as recommended: see yellow highlights
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	Table-1 but the other data discussed about is not available anywhere in the manuscript. 3. There are discussions about results which are not included anywhere in the manuscript especially the temperature profiles of the dryers. 4. There has to be certain amount of interpretation regarding the results shown in the graphs. 5. Certain graphs have been included in the manuscript, but there has been no discussions pertaining to the results available from them.	Corrected as recommended: see yellow highlights Corrected as recommended: see yellow highlights
<u>Minor</u> REVISION comments	If the author had measured and tabulated the solar irradiation values at both Location-1 and Location-2, for (a) open sun drying (b) solar dryer (c) solar-incinerator dryer, it would have been more informative and easy to interpret the results.	These were part of the general study which has been published: we are concerned in this study with the incinerator as it concerns the two locations and their drying efficiencies on the selected produce of garri, okra and chilli. The scope of the present paper limits us as such
<u>Optional/General</u> comments	The author has to provide the figure/photograph of the solar dryer setup used for the experiment.	Provided – see figures 1 and 2.