



SDI Review Form 1.5

PART A:

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	MS: 2012/BJAST/1680
Title of the Manuscript:	Fuel and Physiochemical properties of Cashew (<i>Anacardium Occidentale</i>) Nut oil, its Methyl Esters and Blends.

(Note: Title of different sections as proposed below may differ in case of review paper)



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PART B: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part and write here 'Corrected' if not agreed, give suitable justifications)
General comment:	The work is original. This is a good piece of experimental work. Manuscript written is very well organized. All sections and subsections are appropriate. Experimental analysis is represented in a lucid manner. Conclusions drawn are in line with the objectives of the study. Figure quality is very good.	Thanks
Specific comments:	The manuscript explains material selection, methods, experimental program and analytical techniques used explicitly without any technical flaws.	Thanks
Title and abstract	Title "Fuel and Physiochemical properties of Cashew (Anarcadium 1 Occidentale) Nut oil, its Methyl Esters and Blends" is very appropriate and abstract is concise and contains necessary information.	Thanks
Introduction (Is the problem/objective of this study original, important and well defined?)	Yes	Thanks
Are all the references cited relevant, adequate? Are there any other suitable current references authors need to cite?	All reference cited are relevant. However author may revisit the work done by Rajesh N Patel et al and Piyali Das et al at IIT Bombay, India. Papers related to above work are available in International journal of Bioresource technology and Biomass and Bio energy (Elsevier Publications)	Noted
Materials & methods (Kindly comment on the suitability of the methods. Sufficient details of the methods should be provided to allow peers to evaluate and/or replicate the work)	Information provided on oil extraction, characterization of oil Transesterification Procedure, Fatty Acid Profile, Determination of Fuel and Physiochemical Properties etc. Under materials and methods contains all required information.	Thanks
Results & discussion (Kindly comment on: 1. Are the data well controlled and robust? 2. Authors should provide relevant references during discussion. 3. Discussion and conclusions should be based on actual facts and figures. Biased claims should be pointed out. 4. Are statistical analyses must for this paper? If yes, have sufficient and appropriate statistical analyses been carried out?)	Results are well reported. Relevant ASTM standards are used for property measurement. Wherever references are used, cited properly. Results are tabulated properly.	Thanks



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Are there any ethical or competing interest issues?	No	
Conclusion (Is the conclusion supported by the data, discussed inside the manuscript? Conclusions should not be biased and should be based on the data, presented inside the manuscript only)	Conclusions section does not contain major findings; it is required to be re written. Section 4 is conclusions and recommendations. However in the present section there are no recommendations. Authors are requested to list recommendations or change the section title as conclusions only.	Conclusions have been expanded
References	Adequate references	Thanks