

## Review Form 1.7

Journal Name:	<b>Journal of Energy Research and Reviews</b>
Manuscript Number:	<b>Ms_JENRR_116450</b>
Title of the Manuscript:	<b>Bioprospecting of Indigenous Microbial Species for Bioethanol Production from the Fruits of Some Selected Exotic Ornamental Plants</b>
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:

(<https://www.journaljenrr.com/index.php/JENRR/editorial-policy> )

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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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>Yes, this manuscript is important for scientific society as it considers one of the major global issues of rising fuel demand of global population.</p> <p>Yes, title of the article is suitable for the current study.</p> <p>Yes, the abstract of the article is comprehensive but there are some gaps in the abstract. Give a brief about morphological and molecular methods used for identification of the isolate. Also give details about fermentation media (with composition), process conditions (temperature, pH, aeration, agitation, fermentation time) and final yield of bioethanol achieved at the end of fermentation.</p> <p>Subsections and structure of the manuscript is not appropriate. It seems that authors have just pasted the headings of the thesis instead of writing a manuscript. The subsections of Material and Methods should be: 1. Isolation of Microorganisms 2. Identification of Bacteria (including all morphological, molecular methods in brief with reference) 3. Pretreatment of Fruit Samples 4. Bioethanol Production 5. Estimation of Reducing Sugar and Bioethanol</p> <p>Yes, manuscript is scientifically correct</p> <p>Authors are suggested to add some recent references (2022, 2023, 2024)</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>English quality of the article is not suitable for scholarly communications. Major revision is recommended to make the article suitable for scholarly communication.</p>	
<p><b>Optional/General</b> comments</p>	<p>1. English grammar needs to be improved. Overall English grammar and framing of sentences must be revised to improve readability and match the journal standard. Connecting words are missing at many places.</p> <p>2. Quality of Figures need to be improved to meet the standards of journal.</p> <p>3. Write a paragraph on identification of isolates using morphological methods, and also add morphological results (petri plates or slides) in the results section.</p> <p>4. Give details of the fermentation media (with composition) used for bioethanol production.</p> <p>5. Results part seems to be incomplete. Only Figures and Tables are given in the Result section, so authors are suggested to make headings in Results section as per Materials and methods, and give details of results.</p> <p>6. Add a Table in the Results to compare bioethanol production (this study) with bioethanol production by other authors in already published literature.</p> <p>7. Rewrite the discussion section.</p> <p>8. First letter of genus name i.e. Bacillus and Clostridium (in Discussion) must be in Italics as per Binomial Nomenclature.</p>	

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**PART 2:**

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

**Reviewer Details:**

Name:	<b>Yogita Lugani</b>
Department, University & Country	<b>India</b>