

Review Form 1.7

Journal Name:	South Asian Journal of Research in Microbiology
Manuscript Number:	Ms_SAJRM_117428
Title of the Manuscript:	Assessment of biodegradation and Phytotoxicity of azo dyes
Type of the Article	Research Article

Review Form 1.7

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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes</p> <p>The title is very short and doesn't interpret the main focus of the study. Alternate Title: Assessment of Biodegradation and Phytotoxicity of azo dyes Methyl Orange and Crystal Violet by <i>Escherichia coli</i> and <i>Bacillus subtilis</i>.</p> <p>The abstract effectively highlights the relevance and significance of the research topic. Azo dyes are widely used in various industries, and understanding their biodegradation potential and phytotoxic effects is important for environmental and health considerations.</p> <p>Yes</p> <p>Yes</p> <p>It is imperative that the references cited within the manuscript should reflect the most current research available in the field. Given the dynamic nature of scientific inquiry, recent references are essential to ensure the validity and relevance of the study's findings.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language used in the manuscript is generally clear and precise, facilitating understanding for readers. However, in some sections, particularly when describing complex experimental procedures or technical terms, there is room for improvement in terms of clarity. Some sentences are overly wordy or repetitive, which can detract from the clarity and flow of the narrative.</p>	
<p>Optional/General comments</p>	<p>The manuscript lacks sufficient detail regarding the research methodology employed, particularly concerning the experimental procedures for assessing biodegradation and Phytotoxicity. A more comprehensive description of the experimental setup, including culture conditions, incubation periods, and analytical techniques, is necessary to ensure reproducibility and enable readers to evaluate the validity of the results.</p> <p>The absence of figures depicting the culture setup and biochemical test results, Phytotoxicity analysis is a significant limitation. Visual representations, such as photographs of microbial cultures or graphical representations of biochemical test outcomes are essential for enhancing the clarity and interpretation of the experimental findings. The inclusion of such figures would greatly improve the manuscript's scientific rigor and overall readability.</p> <p>While the manuscript addresses an important research question, the lack of detail in the research methodology and the absence of figures depicting experimental data are significant shortcomings. Addressing these deficiencies through a more thorough description of the experimental procedures and the inclusion of relevant figures would substantially enhance the manuscript's scientific value and readability. Additionally, further elaboration on the interpretation and discussion of the results is essential for ensuring the study's contribution to the field of environmental microbiology.</p> <p>Minor revision is required. Much focus on the quality of figures required. Please include the research methodology figures of Biochemical tests, culture images, Phytotoxicity analysis images, for a good quality of research etc.,</p>	

Review Form 1.7

PART 2:

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

Reviewer Details:

Name:	J. Hemapriya
Department, University & Country	DKM College for Women, Thiruvalluvar University, India