

Review Form 3

Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_124261
Title of the Manuscript:	Synthesis of Metallic Nanomaterials using green chemistry approaches
Type of the Article	Review Article

PART 1: Review Comments

<u>Compulsory</u> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript offers significant contributions to the scientific community by focusing on green synthesis approaches for metallic nanomaterials (MNM). Given the growing emphasis on sustainability and environmental responsibility, the manuscript is highly relevant as it tackles the urgent need to replace conventional methods, which are often harmful, with eco-friendly alternatives. The detailed analysis of green synthesis methods using biological agents like plants, fungi, and bacteria provides a comprehensive understanding of a key area in nanotechnology. Moreover, the exploration of various applications, including in biomedical sciences and environmental remediation, enhances the manuscript's value.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title, Synthesis of Metallic Nanomaterials using Green Chemistry Approaches, is appropriate and clearly reflects the content of the manuscript. No changes are needed.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract provides a good overview of the manuscript, highlighting the critical points such as the use of green synthesis methods, mechanisms, and potential applications. However, I suggest adding a brief mention of the challenges and future prospects discussed in the manuscript to provide a more rounded summary.	
Are subsections and structure of the manuscript appropriate?	The manuscript is well-structured, with clear subsections that effectively organize the discussion of synthesis methods, including biological, chemical, and physical approaches. The logical flow enhances the reader's understanding.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The manuscript is scientifically robust and technically sound. It provides an in-depth analysis of green synthesis methods, supported by a thorough review of existing literature. The detailed discussion of the mechanisms, factors influencing synthesis, and the comparison of green and traditional methods strengthens the manuscript's scientific foundation. The inclusion of real-world applications demonstrates the practical significance of the research.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient and cover a broad range of recent studies. The manuscript cites relevant and up-to-date literature, ensuring a solid scientific basis. No additional references are needed at this point.	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The language quality is mostly suitable for scholarly communication, but some minor improvements could enhance clarity, especially in the abstract. For example, adding conjunctions and refining sentence structure would improve the overall readability.	
<u>Optional/General</u> comments		

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PART 2:

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

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