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| Journal Name: | **[Asian Journal of Medicine and Health](https://journalajmah.com/index.php/AJMAH)** |
| Manuscript Number: | **Ms\_AJMAH\_140473** |
| Title of the Manuscript: | **Green synthesis, Characterization, Evaluation of Silver Nanoparticle by using Phyllanthus emblica leaf extract.** |
| Type of the Article |  |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **- The efficient utilization of plants is essential for research.**  **- Green techniques are a good alternative choice for reducing environmental risks.**  **- Generate interest among the scientific community in environmentally friendly research.** | Yes, green synthesis of silver nanoparticles will be the best alternative for Chemical procedures and also it is eco friendly so no damages will be affected on nature or any other Chemical usage consequences. And it provides the knowledge about synthesizing the nanoparticle in natural way so it is possible to prepare a very good and healthy ayurvedic medicine to treat inflammations,diabetes, cancer, bacterial growth reduction etc..so amla is the rich source of phytoconstituents which have many benefits regarding Health. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title of the article is suitable.** | Yes , suitable.As our research shows Green synthesis methods, characterization and also evaluation of anyi bacterial studies. |
| 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 presents a comprehensive summary of the study results. However, there are two observations as follows:**  **1. “Using medicinal herbs like Phyllanthus emblica can improve the therapeutic potential of manufactured nanoparticles.” In my opinion, this sentence is suitable to support the results section.**  **2. “While numerous plant extracts have been utilized to synthesize silver nanoparticles (AgNPs), few investigations have focused on Phyllanthus emblica leaf extracts.” In my opinion, this sentence is suitable for the literature review section.** | Yes |
| Is the manuscript scientifically, correct? Please write here. | - **The full name should be provided before using the abbreviation, such as PEAE and PEAENP**.  **- The results presented in Section 3.2 (FTIR Spectroscopy of PEAE and PEAENP) are not clear, especially the FTIR spectra of PEAE and PEAENP at 456.916 cm⁻¹. In addition, the spectra in the range of 400–500 cm⁻¹ are also unclear. Therefore, the author should review the results and verify the accuracy of the sentence stating, “This peak is attributed to Ag–O or Ag–N bond formation, confirming successful silver nanoparticle synthesis.”**  **- The use of scanning electron microscopy (SEM) and transmission electron microscopy (TEM) can support your results.**  **- What is the difference between green synthesis method and other research methods?** | Full names:PEAE- phyllanthus emblica aqueous extract PEAENP – phyllanthus emblica aqueous extract Nano particles  In FTIR we have provided the ranges table just below the graph , it explains the peak range describing the functional it found at that range such as O-H streching vibration of alcohol or phenol at range 3261.826 in PEAE and 3269.537 at PEANP.and at 456.916 cm-¹ we found a new peak , which confirms the formation of Ag-N bond .  In uv- vis : the surface plasmon resonance was observed in red line ie. Synthesized Silver nanoparticles.  As per review of literature the formation range should be at a range Of 400-450nm and we got 440nm range which confirms the nanoparticle presences.  - the difference between green synthesis method and other research methods are : in green synthesis it is the method we perform in a eco-friendly manner without using any chemicals or any microbial extraction and the other may include chemicals etc.so in order to be natural and safety measures we have choosen green synthesis. |
| **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 some are recent**.  **- Please check the format of the references.** | Yes they are recent and sufficient. |
| Is the language/English quality of the article suitable for scholarly communications? | **The language/English quality of the article is suitable for scholarly communications.** | Yes |
| Optional/General comments |  | We have done this research to show that, even amla leaves has many benefits regarding Health and very less research has been done on this soo we decided to ensure the whole plant uses. |

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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?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |