



**SDI Review Form 1.6**

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|--------------------------|---|
| Journal Name:            | <a href="#">South Asian Journal of Research in Microbiology</a>   |
| Manuscript Number:       | Ms_SAJRM_46186  |
| Title of the Manuscript: | Biosynthesis and characterization of silver nanoparticles produced by plant extracts and its antimicrobial activity |
| Type of the Article      | Original Research 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: (<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**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)  |
|-------------------------------------|--|--|
| <b>Compulsory</b> REVISION comments | <p><b>01. Introduction contains 155 plagirism added reports.</b><br/> <b>02. For characterization, Author should add original FTIR data.</b><br/> <b>03. Write up all peaks for characterized funtional group.</b><br/> <b>04. In polyols such as hydroxyflavones and catechins, have hydroxy group so that needs it characterized Peaks.</b><br/> <b>05. For confirmed characterization, Author needs 1 H NMR 13C NMR spectroscopy analysis data.</b><br/> <b>06. Author should explain why the zone of inhibition is almost similar in higher and lower concentration.</b><br/> <b>07. Must need to write up conclusion.</b></p> | <p>1. We rewrite the introduction section according to the reviewer comments.<br/>                 2. We added the original FT-IR data according to the reviewer comments.<br/>                 3. We wrote up all peaks for characterized functional group.<br/>                 5. For confirmed characterizations of nanoparticles we used SEM, TEM, FT-IR and X-RD.<br/>                 6. The test was carried out on solid medium, and that is what explained that all the concentrations gave similar inhibition zone sizes due to the migration of the nanoparticles through the agar net. However, if the test approached on liquid medium the activity differences will be clear.<br/>                 7. We added conclusion for the manuscript.</p> |
| <b>Minor</b> REVISION comments      |  |  |
| <b>Optional/General</b> comments    |  |  |

**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) |   |