**CERTIFICATE FOR PLAGIARISM**

It is certified that MS Thesis **title “Comparative genome analysis of pantoea ananatis (NCCP568) to study its genomic diversity and antibiotic resistance” by Regn no. 00000328757 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_** has been examined by us. We undertake the follows:-

1. Thesis has significant new work/knowledge as compared to that already published or are under consideration to be published elsewhere. No sentence, equation, diagram, table, paragraph or section has been copied verbatim from previous work unless it is placed under quotation marks and duly referenced.
2. The work presented is original and own work of the author (i.e. there is no plagiarism). No ideas, processes, results, or words of others have been presented as author’s own work.
3. There is no fabrication of data or results which have been analyzed.
4. There is no falsification by manipulating research materials, equipment, or processes, or changing or omitting data or results such that the research is not accurately represented in the research record.
5. The thesis has been checked using TURNITIN (Copy of originality report attached) and found within limits as per HEC Plagiarism Policy and instructions issued from time to time.

**Signature of Supervisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name of Supervisor: - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Dated: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**