

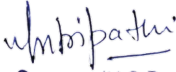
CERTIFICATE

This is to certify that the project work “A **Review on ZnO based Perovskite Solar Cells**” has been successfully carried out and submitted in the fulfilment of the requirement for the M.Sc. IV semester of Pure and Applied Physics, Guru Ghasidas Vishwavidyalaya.

It is certified that all correction/suggestion indicated for the project has been incorporated in it.

The project has been approved as it satisfies the requirement in respect of procedures and experimental techniques prescribed for the project.

This project is done under the guidance of “**Dr Rakesh Kumar Pandey**” by “**Avinash Mahapatra**” of M.Sc. IV semester, Physics, Guru Ghasidas Vishwavidyalaya.


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