

Certificate

This is to certify that the work contained in the thesis entitled
"Automatic On-Off Light Switch Using Phototransistors",
submitted by **Shruti Sharma (Roll No. 19209951)** for the degree of
B.Sc Honours, Electronics from Guru Ghasidas Central University, Bilaspur, is
a record of bonafide research work carried out by her under direct
supervision and guidance by **Dr. Shalinta Tigga** during the Academic Year
2019-2022.

I consider that the thesis has reached the standards and fulfils the
requirements of the rules and regulations relating to the nature of the
degree. The contents embodied in the thesis have not been submitted for the
award of any other degree or diploma at this or any other university.

Research Supervisor
Dr. Shalinta Tigga
Professor - Dept. of Pure
and Applied Physics

Head of Department
Dr. MN Tripathi
Dept. of Pure
and Applied Physics