



## Certificate

This is to be certified that RAHUL SHRIWAS student of B.Sc. VI Semester, Department of Pure and Applied Physics, Guru Ghasidas Vishwavidyalaya Bilaspur, have completed his Project entitled “ **ELECTRICAL ENERGY FROM SOUND ENERGY**”. He has submitted his Project Report for the partial fulfillment of the curriculum of the Degree of B.Sc. Physics (VI Sem) from GGv. During this project work he has learned about speakers, piezoelectric crystal, sensors, inverter and LM2596S DC to dc buck converter. I recommend the project report to be forwarded for evaluation. I wish him all success in his life and career.

Date:- -28/03/2022

Dr. Dinesh Uthra

(Assistant professor)

Department of pure and applied physics

GGV, Bilaspur, (C.G.)