

गुरु घासीदास विश्वविद्यालय  
बिलासपुर



GURU GHASIDAS VISHWAVIDYALAYA  
BILASPUR

(A Central University established by the Central University Act, 2009 No. 25 of 2009)

## Certificate

This is to be certified that **MAYANK KUMAR SAHU**, student of B.Sc. 6<sup>th</sup> Sem, Department of Pure and Applied Physics, Guru Ghasidas Vishwavidyalaya Bilaspur, have completed his Project entitled "**TEMPERATURE CONTROLLED DC FAN USING THERMISTOR**". He has submitted his Project Report for the partial fulfillment of the curriculum of the Degree of Bachelors of Science (6<sup>th</sup> Semester) Hon's Electronics from GGV. During this project work he has learned about the op. amp LM358, Transistor BC548, NTC Thermistor, Potentiometer, DC fan and its application to the best power knowledge. I recommend the project report to be forwarded for evaluation. I wish his all success in his life and career.

Date: 15.07.2021

**Dr. A.K.SINGH**

Asso. Prof., Physics Department  
GGV, Bilaspur, CG

विभागाध्यक्ष/H.O.D.

शुद्ध एवं अनुप्रयुक्त भौतिकी विभाग

Dept. of Pure & Applied Physics

गुरु घासीदास विश्वविद्यालय

Guru Ghasidas Vishwavidyalaya

बिलासपुर (छ.ग.)/Bilaspur (C.G.)