



CERTIFICATE

This is to certify that **ADITYA CHANDRAKAR** has carried out the project on the topic "**NON CHARGEBLE POWER BANK**" in the Department of Pure & Applied Physics, Guru Ghansidas Vishwavidyalaya, under my supervision. She has worked diligently, meticulously and methodically and collected the literature very sincerely and carefully. During this project work she has learnt few of analytical technique of communication and modulation. To the best of our knowledge the work presented in this project is original and has not been submitted anywhere. I recommended the project to be forwarded to the respective examiners for evaluation. I wish her all success in her life & career.

DATE _____

Dr. ARUN KUMAR SINGH SIR

Associate Professor

Department of Pure & Applied Physics GGV

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