



Department of Pure & Applied Physics
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) India

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CERTIFICATE

This is to certify that the thesis entitled, "Safe transportation route " submitted by **Ayan thakur** in the partial fulfillment for the requirements for the award of bachelor of Science Degree in Electronic at Department of Pure and Applied Physics, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur (C.G.), 495009, INDIA is an authentic work carried out by him under my supervision and guidance.

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