

A MINI PROJECT REPORT
ON
**BUILDING BLOCKS OF RESEARCH:
A STEP-BY-STEP APPROACH**

Submitted to
Department of Civil Engineering

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DEPARTMENT OF CIVIL ENGINEERING
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(A Central University established by the Central Universities Act No. 25 of 2009)
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CERTIFICATE

This is to certify that the mini project work entitled "BUILDING BLOCKS OF RESEARCH: A STEP-BY-STEP APPROACH" presented by Ms. Riya Dewangan (22024135), Mr. Anshuman (22024103), Ms. Neetika Singh (22024123), Mr. Karan Gangwani (22024116), students of B. Tech, IV semester, Civil Engineering Department, Guru Ghasidas Vishwavidyalaya, has been completed successfully and satisfactorily.

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Abstract

Research is the careful consideration of study regarding a particular concern or research problem using scientific methods. The estimation of safety and operational assessment at midblock median opening is an important traffic parameter. This can be done by evaluating the critical gap. This study is essential because the heterogeneous traffic conditions prevailing in India operates very peculiarly and the rule of priority is often violated, followed by absence of lane discipline and variation in static and dynamic characteristics. Moreover, the aggressive behaviour of minor stream vehicles compels the major stream vehicles to slow down to provide sufficient gap for the U-turn movement. These characteristics warrant for a relook into the methodology of critical gap estimation.