

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY
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A REPORT ON PROJECT WORK

‘ANALYSIS OF HARMONICS IN LIGHTING SYSTEM’

(Approved by K.S.C.S.T)

Submitted in partial fulfillment of the requirements of the award of the degree of

**BACHELOR OF ENGINEERING
IN
ELECTRICAL AND ELECTRONICS ENGINEERING**

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ABSTRACT

This project deals with analysis of harmonics in lighting system. FFT analysis is used to analyze the harmonics. The passive filter technique is used to reduce harmonics content in lighting loads. Experiment is conducted on different lighting loads with different wattages.