

“STUDY OF V-I CHARACTERISTICS OF LED AND ITS APPLICATION”

**MAIN PROJECT WORK SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENT
FOR THE AWARD OF THE DEGREE OF BACHELOR OF SCIENCE IN PHYSICS OF**

UNIVERSITY OF KERALA



PROJECT REPORT

Under the guidance of
Prof. L. UshaKumari



**DEPARTMENT OF PHYSICS
T. K. M COLLEGE OF ARTS AND SCIENCE
KOLLAM- 691005, KERALA**

2014-2017

**THANGAL KUNJU MUSLIAR COLLEGE OF ARTS
AND SCIENCE, KOLLAM**



**DEPARTMENT OF PHYSICS
CERTIFICATE**

This is to certify that the project report entitled “**Study of V-I characteristics of LED and its application**” during the year 2017 in partial fulfillment of the requirements for the award of first degree programme in Physics (CBCSS) by the University of Kerala certified that this bonafide work carried out under my supervision.

Guided by

Prof. L. USHAKUMARI

Associate professor

Department of Physics

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Prof. N. K. SAJNA

Associate professor

Head of the Department

Department of Physics

TKM College of Arts and
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Examiner 1: 

Examiner 2: 



DECLARATION

We hereby declare that the project report entitled “**STUDY OF V-I CHARACTERISTICS OF LED AND ITS APPLICATION**” is a bonafide record of project work done by me under the guidance of Prof. L. UshaKumari, associate professor, TKM College of Arts and Science, Kollam, towards the partial fulfillment of the requirements of the Bachelor Degree of Science in Physics of the University of Kerala.

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