# SACRED HEART COLLEGE CHALAKUDY



# DEPARTMENT OF MATHEMATICS

#### **CERTIFICATE**

This is to certify that this project report entitled "EXTENSION FIELD" that is being submitted by CHRISTY SHAJI. Reg. No. SHASSMT007, in partial fulfillment of the requirement for the degree of Bachelor of Science in Mathematics, to the University of Calicut, is bona fide record of the studies carried out by her under my supervision and guidance. This project has not been submitted anywhere for any other degree of any other university.

Asst. Prof. Ms. Smitha Davis

Head of the Department

Ms.Anjana Thayyil



# DEPARTMENT OF MATHEMATICS

## CERTIFICATE

"INTRODUCTION TO TOPOLOGICAL SPACES" that is being submitted by ASHLY SHAJAN Reg. No. SHASSMT006, in partial fulfillment of the requirement for the degree of Bachelor of Science in Mathematics, to the University of Calicut, is bona fide record of the studies carried out by her under my supervision and guidance. This project has not been submitted anywhere for any other degree of any other university.

Asst. Prof. Ms. Smitha Davis

Head of the Department

Ms. Athira

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This is to certify that this project report entitled "FUZZY SET" that is being submitted by DEVIKA M S, Reg. No. SHASSMT017, in partial fulfillment of the requirement for the degree of Bachelor of Science in Mathematics, to the University of Calicut, is bona fide record of the studies carried out by her under my supervision and guidance. This project has not been submitted anywhere for any other degree of any other university.

Asst. Prof. Ms. Smitha Davis

Head of the Department

Ms. Nima Maria

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#### CERTIFICATE

This is to certify that this project report entitled "GRACEFUL LABELING OF GRAPHS" that is being submitted by NIGITHA THOMAS Reg. No. SHASSMT011, in partial fulfillment of the requirement for the degree of Bachelor of Science in Mathematics, to the University of Calicut, is bona fide record of the studies carried out by her under my supervision and guidance. This project has not been submitted anywhere for any other degree of any other university.

Asst. Prof. Ms. Smitha Davis

Head of the Department

Ms. Smitha Davis