## DOMINATION IN GRAPHS

## PROJECT SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR

THE BACHELOR OF SCIENCE DEGREE IN MATHEMATICS<br>BY<br>SANAL JAMES<br>Reg No. 170021032425

## ADIL LATHEEF

Reg No. 170021032393

## JOYAL ANTONY

Reg No. 170021032416


## DEPARTMENT OF MATHEMATICS

ST. PAUL'S COLLEGE, KALAMASSERY
(AFFILIATED TO M.G. UNIVERSITY, KOTTAYAM)
2017-2020

## ACKNOWLEDGEMENT

We express our heartfelt gratitude to our project supervisor Dr. PRAMADA RAMACHANDRAN for providing us necessary stimulus for the preparation of this project.

We would like to acknowledge our deep sense of gratitude to Dr. SAVITHA K.S, Head of the Department of Mathematics and all other teachers of the department and classmates for their help at all stages.

We also express our sincere gratitude to Ms. VALENTINE D'CRUZ, Principal, St. Paul's College, Kalamassery for the support and inspiration rendered to us in this project report.

KALAMASSERY

SANAL JAMES

ADIL LATHEEF

JOYAL ANTONY

## CERTIFICATE

This is to certify that the project entitled "DOMINATION IN GRAPHS" is a bonafide record of studies undertaken by SANAL JAMES (Reg no. 170021032425), ADIL LATHEEF (Reg No. 170021032393), JOYAL ANTONY (Reg No. 170021032416) in partial fulfilment of the requirements for the award of B.Sc. Degree in Mathematics at Department of Mathematics, St. Paul's College, Kalamassery, during 2017-2020.

Dr. PRAMADA RAMACHANDRAN
Project supervisor
Department of Mathematics

Dr. SAVITHA K.S
Head of the Department
Department of Mathematics

Examiner 1:

Examiner 2:

## DECLARATION

We, SANAL JAMES, ADIL LATHEEF, JOYAL ANTONY hereby declare that this project entitled "DOMINATION IN GRAPHS" submitted to Department of Mathematics of St. Paul's college, Kalamassery in partial requirement for the award of B.Sc Degree in Mathematics, is a work done by us under the guidance and supervision of Dr. PRAMADA RAMACHANDRAN, Department of Mathematics, St. Paul's college, Kalamassery during 2017-2020.

We also declare that this project has not been previously presented for the award of any other degree, diploma, fellowship, etc.

KALAMASSERY

ADIL LATHEEF

