

A STUDY OF WAVE PROPAGATION IN NANOPlates

Dissertation submitted to

KONGUNADU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)

Affiliated to the **BHARATHIAR UNIVERSITY**

In the partial fulfilment of the requirements

For the award of the degree of

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

HASMATH SHAHANA J (REG. NO : 191AM005)

MAHALAKSHMI K N (REG. NO : 191AM014)

PRIYADHARSHINI S D (REG. NO : 191AM022)

Under the guidance of

Dr. A. AMUTHALAKSHMI, M.Sc., Ph.D., PGDCA., (SET)



DEPARTMENT OF MATHEMATICS (UA)

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

[Re-accredited by NAAC with 'A++' Grade (4th Cycle)]

College of Excellence (UGC)

Coimbatore – 641 029

June – 2022

GRAPH THEORY AND ITS APPLICATIONS

Dissertation submitted to the

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Affiliated to **BHARATHIAR UNIVERSITY** in
Partial fulfilment of the requirements for the award
of the degree of

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

KALAIVANI.P (REG NO:191AM004)

REENA.C (REG NO:191AM008)

NAGARJUN.P (REG NO:191AM009)

Under the supervision of

Dr. K. BABY M.Sc., M.Phil., Ph.D.,



DEPARTMENT OF MATHEMATICS (UA)

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

[Re-accredited by NAAC with 'A+' Grade (4th Cycle)]

College of Excellence (UGC)

Coimbatore-641029

JUNE 2022

A STUDY ON SOME APPLICATIONS OF
DIFFERENTIAL CALCULUS

Dissertation submitted to
KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)

Affiliated to the **BHARATHIAR UNIVERSITY**

In the partial fulfilment of the requirements

For the award of the degree of

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

VIDHYA LAKSHMI S (REG NO. :191AM011)

SEDHUBATHI C (REG NO. :191AM012)

ESWARAN V (REG NO. :191AM013)

KIRITHIKRAJA G (REG NO. :191AM023)

Under the guidance of

Dr. A. SINGARAVELAN M.Sc., M.Phil., PhD.,



DEPARTMENT OF MATHEMATICS (UA)

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

[Re-accredited by NAAC with 'A+' Grade (4th Cycle)]

College of Excellence (UGC)

Coimbatore - 641 029

June 2022

A STUDY OF ANALYTICAL GEOMETRY IN REAL LIFE

Dissertation submitted to

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Affiliated to the **BHARATHIAR UNIVERSITY**

In the partial fulfilment of the requirements

for the award of the degree of

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

SUTHEENDHARAR P (REG. NO : 191AM002)

ELAMATHI A (REG. NO : 191AM006)

VINOTHINI V (REG. NO : 191AM020)

ANANDHAKUMAR R (REG. NO : 191AM021)

Under the guidance of

Dr. M. RATHIKA, M.Sc., M.Phil., Ph.D.



DEPARTMENT OF MATHEMATICS (UA)

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

[Re-accredited by NAAC with 'A⁺' Grade (4th Cycle)]

College of Excellence (UGC)

Coimbatore – 641 029

June – 2022

A STUDY ON COMBINATORICS

Dissertation submitted to

**KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)**

Affiliated to the BHARATHIAR UNIVERSITY

In the partial fulfilment of the requirements

For the award of the degree of

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

PRAVEEN KUMAR S (REG. NO : 191AM001)

SUDHARSANAN M (REG. NO : 191AM003)

AKILA D M (REG. NO : 191AM015)

ARUL KUMAR C (REG. NO : 191AM016)

Under the guidance of

Dr. T. DEEPA, M.Sc., PGDCA., M.Phil., Ph.D.



DEPARTMENT OF MATHEMATICS(UA)

KONGUNADU ARTS AND SCIENCE COLLEGE(AUTONOMOUS)

[Re-accredited by NAAC with 'A+' Grade (4th Cycle)]

College of Excellence(UGC)

Coimbatore – 641 029

June – 2022

LINEAR ALGEBRA AND ITS APPLICATIONS

Dissertation submitted to

KONGUNADU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)

Affiliated to the **BHARATHIAR UNIVERSITY**

In the partial fulfilment of the requirements

For the award of the degree of

BACHELOR OF SCIENCE IN MATHEMATICS

Submitted by

ANAND KARTHICK A (REG. NO : 191AM007)

GAYATHRI B (REG. NO : 191AM017)

RAGULSANTH K (REG. NO : 191AM018)

VENKATESH M V (REG. NO : 191AM019)

Under the guidance of

Mrs.S.Selvi Celin Prabha, M.Sc., M.Phil.,B.Ed.,PGDOR.,



DEPARTMENT OF MATHEMATICS(UA)

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

[Re-accredited by NAAC with 'A+' Grade (4th Cycle)]

College of Excellence(UGC)

Coimbatore – 641 029

June – 2022