

**SOME APPLICATIONS OF C-
LANGUAGE**

A
PROJECT
Submitted

to

**Department of mathematics ,
Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous) RAJKOT.**

as the partial fulfillment of the requirement for
the award of degree of

BACHELOR OF SCIENCE
(Majoring in MATHEMATICS)

- 1.Kalariya Aneri Y.
- 2.Bhadja Darshana P.
- 3.Bhadja Krinal M.

under the guidance of

• **Dr. Neha P. Jamvecha**

Academic Year 2021-2022

**Department Of mathematics
Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous) RAJKOT**



**Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous)**

Rajkot.

Certificate

This is to certify that the project entitled

SOME APPLICATIONS OF C-LANGUAGE

by

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as the partial fulfillment of the requirement for the award of degree
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at

Department Of mathematics

Shree Manibhai Virani & Smt. Navalben Virani Science College

Rajkot.

and

is a record of their own work carried out by them under our
supervision during the academic year 2021 - 2022.

Date: 04/03/2022

Mr. J. N. Chauhan

Head (Department of mathematics)

Exam. Seat No.:-

Department of Mathematics,
Shree M. & N. Virani Science College
(Autonomous), Rajkot

Examiner's Signature

Place: RAJKOT

Dr. Neha P. Jamveha

(Guide)

A project On

NUMERICAL METHODS USING C - PROGRAMMING

Submitted
by

1. Maravaniya Satyam A.
2. Padsumbiya Vaibhav S.
3. Dhamsaniya Yash P.
4. Rathod Paresh J.

Guide

Prof. Miral P. Ambavi

Academic Year 2021-2022

Department of Mathematics
Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous)
RAJKOT.



**Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous)
Rajkot.
Certificate**

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C - PROGRAMMING**

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Bachelor of Science majoring in Mathematics

at

Mathematics Department

**Shree Manibhai Virani & Smt. Navalben Virani Science College
Rajkot.**

and

is a record of their own work carried out by them under our
supervision during the academic year 2021 - 2022.

Date:2022

Place: RAJKOT

Mr. J. N. Chauhan 4/3/2022

Head of the
Mathematics Department

Mrs. Miral P. Ambavi
Guide of the Project

Exam. Seat No.:- _____

Examiner's Signature

A project on

APPLICATIONS OF GEOGEBRA IN CHEMISTRY

Submitted

By

1. **Mehta Suhasi B.**
2. **Chavada Hemali R.**
3. **Chauhan Rutvi M.**

Guide

Prof. Punit B. Vadher

Academic Year 2021-2022

Department of Mathematics

Shree Manibhai Virani & Smt. Navalben Virani Science College (Autonomous)

RAJKOT.



Shree Manibhai Virani & Smt. Navalben Virani Science College (Autonomous)
Rajkot.
Certificate

This is to certify that the project entitled
APPLICATIONS OF GEOGEBRA IN CHEMISTRY

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1. Mehta Suhasi B.

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3. Chauhan Rutvi M.

As the partial fulfillment of the requirement for the award of degree of
Bachelor of Science majoring in Mathematics

At

Mathematics Department

Shree Manibhai Virani & Smt. Navalben Virani Science College

Rajkot.

And

Is a record of their own work carried out by them under our supervision
during the academic year 2021 – 2022

Date: 05 / 03 / 2022

Place: RAJKOT

Prof.

~~Mr.~~ **Punit B. Vadher**

Guide

Prof.

~~Mr.~~ **J. N. Chauhan**

Head,

Mathematics Department, Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous), Rajkot

Exam. Seat No.:- _____

Examiner's Signature:- _____

APPLIED MATHEMATICS IN BRIDGE HYDROLOGY

A

PROJECT

Submitted to

Mathematics Department,

Shree Manibhai Virani & Smt. Navalben Virani Science College

(Autonomous) RAJKOT.

as the partial fulfillment of the requirement for the
award of degree of

BACHELOR OF SCIENCE

(Majoring in MATHEMATICS)

1. VACHHANI YASHVI
2. KHOKHAR VIPASHA
3. TRIVEDI RUSHITA

□ **Prof. J. N. Chauhan**

Head of Department

Academic Year 2021-2022

Mathematics Department

Shree Manibhai Virani & Smt. Navalben Virani Science College

(Autonomous) RAJKOT.



**Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous) Rajkot.
Certificate**

This is to certify that the project entitled

APPLIED MAHEMATICS IN BRIDGE HYDOLOGY

By

1. **KHOKHAR VIPASHA**
2. **VACHHANI YASHVI**
3. **TRIVEDI RUSHITA**

as the partial fulfillment of the requirement for the award of degree
of

Bachelor of Science majoring in Mathematics

at

Mathematics Department

**Shree Manibhai Virani & Smt. Navalben Virani Science College
Rajkot.**

And is a record of their own work carried out by them under our
supervision during the academic year 2021 - 2022.

Date: .2022

Place: RAJKOT

Mr. J. N. Chauhan
Head,
Mathematics Department

Exam. Seat No.:- _____

Examiner's Signature

Ms. Miral Ambavi
Guide,
Mathematics Department

INTRODUCTION TO MECHANICS

A
PROJECT
Submitted
to

**Mathematics Department,
Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous)
RAJKOT.**

as the partial fulfillment of the requirement
for the award of degree of

BACHELOR OF SCIENCE
(Majoring in MATHEMATICS)

Nilay Joshi

under the guidance of

Prof. J. N. Chauhan
Head of Department

Academic Year 2021-2022

**Mathematics Department
Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous)
RAJKOT.**



**Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous)
Rajkot.
Certificate**

This is to certify that the project entitled
INTRODUCTION TO MECHANICS
by

Nilay Joshi

as the partial fulfillment of the requirement for the award of degree
of
Bachelor of Science majoring in Mathematics
at

Mathematics Department
Shree Manibhai Virani & Smt. Navalben Virani Science College
Rajkot.
and

is a record of their own work carried out by them under our
supervision during the academic year 2021 - 2022.

Date: 04/03/2022

Place: RAJKOT

Mr. J. N. Chauhan

Head and Guide,
Mathematics Department

Exam. Seat No.:- 19BMT028

Examiner's Signature

Head,
Department of Mathematics,
Shree M. & N. Virani Science College
(Autonomous), Rajkot

SIERPINSKI TRIANGLE

A

PROJECT

Submitted

to

Mathematics Department,

Shree Manibhai Virani & Smt. Navalben Virani Science College

(Autonomous)

RAJKOT.

as the partial fulfillment of the requirement

for the award of degree of

BACHELOR OF SCIENCE

(Majoring in MATHEMATICS)

1. KHUSHI DHAKAN
2. VIRAJ PARMAR
3. PALAK KALENA
4. PURVA LAKHANI

under the guidance of

- **Dr. PARAG D. AJANI**

Academic Year 2021-2022

Mathematics Department

Shree Manibhai Virani & Smt. Navalben Virani Science College

(Autonomous)

RAJKOT.



Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous)

Rajkot.

Certificate

This is to certify that the project entitled

SIERPINSKI TRIANGLE

by

1. KHUSHI DHAKAN
2. VIRAJ PARMAR
3. PALAK KALENA
4. PURVA LAKHANI

as the partial fulfillment of the requirement for the award of degree of

Bachelor of Science majoring in Mathematics

at

Mathematics Department

Shree Manibhai Virani & Smt. Navalben Virani Science College

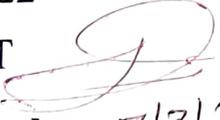
Rajkot.

and

is a record of their own work carried out by them under our supervision during the academic year 2021 - 2022.

Date: 7/03/2022

Place: RAJKOT

Prof. J. N. Chauhan 
Head,
Department of Mathematics,
Shree M. & S. Virani Science College
Mathematics Department (Autonomous), Rajkot


Dr. Parag D. Ajani
Mathematics Department

Exam. Seat No.:- _____

Examiner's Signature:- _____

STATISTICS

A

PROJECT

Submitted to

Mathematics Department,

Shree Manibhai Virani & Smt. Navalben Virani Science College

(Autonomous)

RAJKOT.

as the partial fulfillment of the requirement

for the award of degree of

BACHELOR OF SCIENCE

(Majoring in MATHEMATICS)

- 1. SHREYA UPENDRABHAI BHATT**
- 2. NIYATI ASHOKBHAI CHAUHAN**
- 3. KHYATI JAYSUKHBHAI DETROJA**
- 4. NANCY VASANTBHAI PARMAR**

under the guidance of

• **Prof. S.I.GHANCHI**

Academic Year 2021-2022

Mathematics Department

Shree Manibhai Virani & Smt. Navalben Virani Science College

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RAJKOT.



Shree Manibhai Virani & Smt. Navalben Virani Science College (Autonomous)
Rajkot.

Certificate

This is to certify that the project entitled

STATISTICS by

1. SHREYA U. BHATT

2. NIYATI A. CHAUHAN

3. KHYATI J. DETROJA

4. NANCY V. PARMAR

as the partial fulfillment of the requirement for the award of degree of

Bachelor of Science majoring in Mathematics at

Mathematics Department

Shree Manibhai Virani & Smt. Navalben Virani Science College rajkot

And is a record of their own work carried out by them under our supervision during the academic year 2021 - 2022.

Date: 08 / 03 / 2022

Place: RAJKOT

Mr. J. N. Chauhan
Head,
Department of Mathematics,
Shree M. & N. Virani Science College
(Autonomous), Rajkot

Mathematics Department

Exam. Seat No.:- _____

Examiner's Signature

Mr. S. I. Ghanchi

Guide

Mathematics Department

LET'S CRACK JAM WITH CALCULUS

A

Project

Submitted To

Department of Mathematics,

Shree Manibhai Virani and Smt. Navalben Virani Science
College(Autonomous), RAJKOT.

As the partial fulfillment of the requirement

For the award of degree of

BACHELOR OF SCIENCE

(Majoring in MATHEMATICS)

1. Janvi Sunilbhai Patel
2. Ritu Narendrabhai Kanani
3. Vrunda Dhirendrabhai Amrutiya

Under the guidance of

Assistant Prof. Nisha Nesadia

Academic Year : 2020-2021

Department of Mathematics,

Shree Manibhai Virani and Smt. Navalben Virani Science
College(Autonomous), RAJKOT.



Shree Manibhai Virani and Smt. Navalben Virani Science
College(Autonomous), RAJKOT
Certificate

This is to certify that the project entitled

"LET'S CRACK JAM WITH CALCULUS "

By

1. Janvi Sunilbhai Patel
2. Ritu Narendrabhai Kanani
3. Vrunda Dhirendrabhai Amrutiya

as the partial fulfillment of the requirement for the award of degree
of

Bachelor of Science majoring in Mathematics
at

Department of Mathematics
Shree Manibhai and Smt. Navalben Virani Science
College(Autonomous), RAJKOT

and

is a record of their own work carried out by them under our
supervision during the academic year 2020 - 2021.

Date: / /2021

Place: RAJKOT

Mr. J.N. Chauhan

Head, (Mathematics Department)

Exam. Seat No.: - _____

Examiner's Signature:-

Assistant Prof. Nisha Nesadia

(Guide)

A
project
On

MATHEMATICS EVERYWHERE

Submitted
by

**Kasundra Rajani
Kasundra Julee
Mungara Ekta**

Guide

Asst.Prof. Nisha Nesadia

Academic Year 2021-2022

**Department of Mathematics
Shree Manibhai Virani & Smt. Navalben Virani Science
College(Autonomous)
RAJKOT.**



Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous)
Rajkot.
Certificate

This is to certify that the project entitled
MATHEMATICS EVERYWHERE
by

Kasundra Rajani

Kasundra Julee

Mungara Ekta

as the partial fulfillment of the requirement for the award of
degree of

Bachelor of Science majoring in Mathematics
at

Department Of Mathematics

Shree Manibhai Virani & Smt. Navalben Virani Science College
Rajkot.

and

is a record of their own work carried out by them under our
supervision during the academic year 2021 - 2022.

Date: 14 / 3 / 2022

Place: RAJKOT


15/3/2022
Head,
Department Of Mathematics,
Shree M. B. Virani Science College
(Autonomous) Rajkot
Department Of Mathematics


Asst. Prof. Nisha Nesadia
Guide
Department Of Mathematics

Exam. Seat No.:- _____
Examiner's Signature

A project on

Overture to Functions with a Geometric Perspective

Submitted

By

1. Akshay G Garaiya
2. Sanjeev M Kugasiya
3. Sahil J Basiya
4. Ajay N Padiya

Guide

Asst. Prof. Nisha N Nesadia

Academic Year 2021-2022

**Department of Mathematics
Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous)
RAJKOT.**



**Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous)
Rajkot.
Certificate**

This is to certify that the project entitled

**Overature to Functions with a
Geometric Persepective**

by

1. AKSHAY GARAIYA
2. SANJEEV KUGASIYA
3. SAHIL BASIYA
4. AJAY PADIYA

As the partial fulfillment of the requirement for the award of
degree of

Bachelor of Science majoring in Mathematics

At

Department of Mathematics

**Shree Manibhai Virani & Smt. Navalben Virani Science College
Rajkot.**

And is a record of their own work carried out by them under our
supervision during the academic year 2021 - 2022.

Date: 11/03/2022

Place: RAJKOT

Mrs. N. N. Nesadia
Guide and Asst. prof,
Department of Mathematics

Exam. Seat No.:- _____

Examiner's Signature

Mr. J. N. Chauhan
Head,
Department of Mathematics
Head,

**Department of Mathematics,
Shree M. & N. Virani Science College
(Autonomous), Rajkot**

HISTORY OF MATHEMATICS

A
PROJECT
Submitted
to

**Department of Mathematics,
Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous)
RAJKOT.**

as the partial fulfillment of the requirement
for the award of degree of

BACHELOR OF SCIENCE
(Majoring in MATHEMATICS)

1. Jakasaniya Hitesh R.
2. Viramgama Jayesh K.
3. Kothiya Satyam J.

under the guidance of

Asst. Prof. Neha P. Jamvecha

Academic Year 2021-2022

**Department of Mathematics
Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous)
RAJKOT.**



Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous)
Rajkot.
Certificate

This is to certify that the project entitled

HISTORY OF MATHEMATICS

By

Jakasaniya Hitesh R.
Viramgama Jayesh K.
Kothiya Satyam J.

As the partial fulfillment of the requirement for the award of degree of
Bachelor of Science majoring in Mathematics

At

Department of Mathematics

Shree Manibhai Virani & Smt. Navalben Virani Science College
Rajkot.

And

is a record of their own work carried out by them under our supervision
during the academic year 2021 – 2022.

Date : 15-03-2022

Place: RAJKOT

Mr. J. N. Chauhan
Head, Department of Mathematics,
Shree M. & N. Virani Science College
(Autonomous), Rajkot
Exam. Seat No.:

Examiner's Signature

Asst. Prof. Neha P. Jamvecha
Guide
Department of Mathematics

Guide signature

Application Of Geometry In Geogebra

A
PROJECT
Submitted
to

**Mathematics Department,
Shree Manibhai Virani & Smt. Navalben Virani Science
College(Autonomous)
RAJKOT.**

as the partial fulfillment of the
requirement for the award of degree of

BACHELOR OF SCIENCE
(Majoring in MATHEMATICS)

1. Bhensdadiya Vivek Sureshbhai
2. Aghera Darshan Hasmukhbhai
3. Bhimani Mayur Prabhulalbhai

under the guidance of

• **Mr. Punit Vadher**

Academic Year 2021-2022

**Mathematics Department
Shree Manibhai Virani & Smt. Navalben Virani Science
College(Autonomous)
RAJKOT.**



**Shree Manibhai Virani & Smt. Navalben Virani Science
College(Autonomous)
Rajkot.
Certificate**

This is to certify that the project entitled

Application Of Geometry In Geogebra
by

1. Bhensdadiya Vivek

2. Aghera Darshan

3. Bhimani Mayur

as the partial fulfillment of the requirement for the award of
degree of

Bachelor of Science majoring in Mathematics
at

Mathematics Department

**Shree Manibhai Virani & Smt. Navalben Virani Science
College**

Rajkot.

and

is a record of their own work carried out by them under our
supervision during the academic year 2021 - 2022.

Date: 11/03/22

Place: RAJKOT


Mr. Punit Vadher

Guide, Mathematics
Department

Exam. Seat No.:- _____

Examiner's Signature


11/3/2022
Prof. J. N. Chauhan

Head of Department
Department of Mathematics,
Shree M. & N. Virani Science College
(Autonomous), Rajkot

HISTORY AND CONTRIBUTION OF MATHEMATICIANS

A project
Submitted to

Mathematics Department,
Shree Manibhai Virani & Smt. Navalben Virani Science college
(Autonomous)
RAJKOT

As the partial of fulfillment of the requirement
for the award of degree of

BACHELOR OF SCIENCE (Majoring in Mathematics)

1. Jadeja Yuvrajsinh Hitendrasinh
2. Divecha Vandan Bhaveshbhai
3. Fatepara Jaykumar Ghanshyambhai

Under the guidance of
• Dr. Parag D. Ajani

Academic year 2021-2022
Mathematics Department,
Shree Manibhai Virani & Smt. Navalben Virani Science college
(Autonomous)
RAJKOT



**Shree Manibhai Virani & Smt. Navalben Virani Science College
(Autonomous)
Rajkot.
Certificate**

This is to certify that the project entitled

CONTRIBUTION OF MATHEMATICIANS

by

1. JADEJA YUVRAJSINH H.
2. DIVECHA VANDAN B.
3. FATEPARA JAY G.

as the partial fulfillment of the requirement for the award of degree of
Bachelor of Science majoring in Mathematics

at

Mathematics Department

**Shree Manibhai Virani & Smt. Navalben Virani Science College
Rajkot.**

and

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during the academic year 2021 - 2022.

Date: 04/03/2022

Place: RAJKOT

Proff. Jignashu N. Chauhan

Head and Guide, Department of Mathematics,
Shree M. & N. Virani Science College
(Autonomous), Rajkot

Exam. Seat No.:- _____

Examiner's Signature

Dr. Parag D. Ajani

Mathematics Department

NUMERICAL METHODS IN C LANGUAGE WITH APPLICATION

PROJECT

Submitted

to

Mathematics Department,

Shree Manibhai Virani & Smt. Navalben Virani Science College

(Autonomous)

RAJKOT.

**as the partial fulfillment of the requirement
for the award of degree of**

BACHELOR OF SCIENCE

(Majoring in MATHEMATICS)

1. Aervadiya Pragati Rajeshbhai
2. Bhoraniya Rutviben Jayeshbhai
3. Gondaliya Drashti Sanjaybhai
4. Kathrotiya Sakshi Ghanshyambhao

under the guidance of

Prof. J. N. Chauhan

Head of Department

Academic Year : 2021-2022

Mathematics Department

Shree Manibhai Virani & Smt. Navalben Virani Science College

(Autonomous)

RAJKOT.



Shree Manibhai Virani & Smt. Navalben Virani Science College (Autonomous)
Rajkot.

Certificate

This is to certify that the project entitled

NUMERICAL METHODS OF C LANGUAGE WITH APPLICATION

by,

1. Aervadiya Pragati R.
2. Bhoraniya Rutviben J.
3. Gondaliya Drashti S.
4. Kathrotiya Sakshi G.

as the partial fulfillment of the requirement for the award of degree of
Bachelor of Science majoring in Mathematics

at

Mathematics Department

Shree Manibhai Virani & Smt. Navalben Virani Science College

Rajkot.

and

is a record of their own work carried out by them under our supervision during the
academic year 2021 - 2022.

Date: 4. 3 .2022

Place: RAJKOT

Mr. J. N. Chauhan 4/3/2022

Head and Guide,

Mathematics Department

Examiner's Signature

Exam. Seat No.:- _____

STATISTICS

A
PROJECT
Submitted
To

Mathematics Department,
Shree M. and N. Virani Science College, RAJKOT.

as the partial fulfilment of the requirement
for the award of degree of

BACHELOR OF SCIENCE
(Majoring in MATHEMATICS)

1. SANDIP PANKHANIYA
2. CHINTAN LATHIGARA
3. JEET KUBAVAT
4. DIXIT MALANI

Under the guidance of

Prof. Punit Vadher

Academic Year : 2020-2021

Mathematics Department
Shree M. and N. Virani Science College,
RAJKOT

GENERALIZATION OF POLYGON

A
PROJECT
Submitted
To

**Mathematics Department,
Shree M. and N. Virani Science College, RAJKOT.**

as the partial fulfilment of the requirement
for the award of degree of

BACHELOR OF SCIENCE
(Majoring in MATHEMATICS)

- 1. DHRUVRAJSINH SODHA***
- 2. RAMAJI SONAGARA***
- 3. DARSHIT AMBALIYA***

Under the guidance of

SAJEED GHANCHI

Academic Year: 2020-2021

**Mathematics Department
Shree M. and N. Virani Science College,
RAJKOT**

Introduction to Fuzzy Sets and Fuzzy Logic

A project submitted
To

**Mathematics Department,
Atmiya University, Rajkot**

As the partial fulfillment of the requirement
for the award of degree of

Bachelor Of Science
(majoring in MATHEMATICS)

1. Goswami Puja K.
2. Kanzariya Rushi L.
3. Kapdi Vijay B.
4. Kareliya Maitri J.
5. Odedara Amita L.

Under The Guidance of

Assistant Professor. Sajeed I. Ghanchi

Academic Year:- 2020 – 2021

Department of Mathematics

Atmiya University, Rajkot

Number Theory

Project

Submitted

To

Department of Mathematics

Shree Manibhai Virani and Smt. Navalben Virani Science
College (Autonomous), Rajkot.

As the partial fulfillment of requirement

For the award of degree

BACHELOR OF SCIENCE

(Majoring in MATHEMATICS)

1. Jivani Hiral

2. Khanapara Esha

3. Jakasaniya Nirali

Under the Guidance of

Assi. Prof. Sajeed I. Ghanchi

Academic Year: 2020-2021

Department of Mathematics