

PROJECT REPORT
ON
RELEVANCE OF JORDAN CANONICAL FORM

SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE
OF MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS IN THE SCHOOL
OF MATHEMATICS COMPUTERS & INFORMATION SCIENCES

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CENTRAL UNIVERSITY OF HIMACHAL PRADESH

SHAHPUR PARISAR, SHAHPUR, KANGRA

HIMACHAL PRADESH - 176206

PROJECT REPORT
ON
NARAYANA PANDITA'S BIOGRAPHY
&
HIS WORK
SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE OF
MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS
IN THE SCHOOL OF MATHEMATICS, COMPUTERS AND INFORMATION SCIENCES

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Himachal Pradesh – 176206

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PROJECT REPORT
ON
REVIEW OF APPLICATIONS OF VEDIC SUTRAS IN COMPUTER
SCIENCE AND ALGEBRA
SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE
MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASAN RAMANUJAN DEPARTMENT OF MATHEMATICS IN THE
SCHOOL OF MATHEMATICS COMPUTER & INFORMATION SCIENCES.

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Shahpur Parisar, Shahpur, Kangra, Himachal Pradesh -176206

PROJECT REPORT
ON
GENERATING FUNCTIONS FOR THE PRODUCT OF k-
FIBONACCI AND ORTHOGONAL POLYNOMIALS

SUBMITTED TO CENTRAL UNIVERSITY OF HIMACHAL PRADESH

FOR THE PARTIAL FULFILLMENT OF THE DEGREE OF

M.Sc. (MATHEMATICS)



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS
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ROLL NO.:CUHP20IAM30

CENTRAL UNIVERSITY OF HIMACHAL PRADESH,

SHAHPUR PARISAR, SHAHPUR

KANGRA, HIMACHAL PRADESH -176206

DISTRIBUTIVE TYPE PROPERTIES OF SEMIRINGS

A

PROJECT REPORT

**SUBMITTED TO THE SRINIVASA RAMANUJAN DEPARTMENT OF
MATHEMATICS IN THE SCHOOL OF MATHEMATICS, COMPUTERS AND
INFORMATION SCIENCES IN PARTIAL FULFILLMENT**

**FOR THE DEGREE OF
MASTER OF SCIENCE
IN
MATHEMATICS**



Submitted by:

JYOTI DEVI

ROLL NO.: CUHP201AM011

ASHISH THAKUR

ROLL NO.: CUHP201AM06

CENTRAL UNIVERSITY OF HIMACHAL PRADESH

ACADEMIC BLOCK SHAHPUR, KANGRA

HIMACHAL PRADESH-176206

PROJECT REPORT
ON
**REVIEW OF DIFFERENT MATHEMATICAL
MODELS OF COVID 19**

SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE OF
MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS
IN THE SCHOOL OF MATHEMATICS, COMPUTERS AND INFORMATION SCIENCES

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PROJECT REPORT
ON
SOME PROBLEMS ON
VARIATIONAL ITERATION
METHOD

SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF
THE DEGREE OF MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF
MATHEMATICS IN SCHOOL OF MATHEMATICS, COMPUTERS &
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PROJECT REPORT
ON
Effect of Co-curricular Activities on Students

SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE
OF
MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS IN THE
SCHOOL OF MATHEMATICS, COMPUTERS AND INFORMATION SCIENCES

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Himachal Pradesh-176206

PROJECT REPORT
ON
CATALAN TRANSFORM OF THE K-JACOBSTHAL SEQUENCES & K-
JACOBSTHAL LUCAS SEQUENCES
SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE
OF MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS
IN THE SCHOOL OF MATHEMATICS COMPUTER AND INFORMATION SCIENCES

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ROLL NO: CUHP20IAM10

ROLL NO: CUHP20IAM15

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SHAHPUR PARISAR, SHAHPUR

HIMACHAL PRADESH -176206

DISTRIBUTIVE TYPE PROPERTIES OF SEMIRINGS

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PROJECT REPORT

SUBMITTED TO THE SRINIVASA RAMANUJAN DEPARTMENT OF
MATHEMATICS IN THE SCHOOL OF MATHEMATICS, COMPUTERS AND
INFORMATION SCIENCES IN PARTIAL FULFILLMENT

FOR THE DEGREE OF
MASTER OF SCIENCE
IN
MATHEMATICS



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ACADEMIC BLOCK SHAHPUR, KANGRA

HIMACHAL PRADESH-176206

PROJECT REPORT
ON
MATHEMATICAL MODELS OF EBOLA VIRUS DISEASE

A PROJECT REPORT SUBMITTED IN PARTIAL COMPLETION OF THE REQUIREMENTS
FOR THE MASTER OF SCIENCE DEGREE IN MATHEMATICS



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Shahpur Parisar, Kangra, Himachal Pradesh-176206

June-2022

PROJECT REPORT
ON
Dr. VASHISHAT NARAYAN SINGH



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MATHEMATICS IN THE SCHOOL OF MATHEMATICS,
COMPUTERS AND INFORMATION SCIENCES

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PROJECT REPORT
ON
COMPARARATIVE STUDY OF ONLINE AND OFFLINE
TEACHING MODES AMONG STUDENTS

SUBMITTED IN PARTIAL FULFILMENT FOR THE AWARD OF THE DEGREE
OF
MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASAN RAMANUJAN DEPARTEMENT OF MATHEMATICS IN THE
SCHOOL OF MATHEMATICS COMPUTER & INFORMATION SCIENCES

SUBMITTED BY: MANSI PATHANIA & KAPIL JOSHI

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CENTRAL UNIVERSITY OF HIMACHAL PRADESH

SHAHPUR CAMPUS, SHAHPUR, KANGRA

HIMACHAL PRADESH - 176206

PROJECT REPORT
ON
CATALAN TRANSFORM OF THE K-JACOBSTHAL SEQUENCES & K-
JACOBSTHAL LUCAS SEQUENCES
SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE
OF MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS
IN THE SCHOOL OF MATHEMATICS COMPUTER AND INFORMATION SCIENCES

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ROLL NO: CUHP20IAM15

CENTRAL UNIVERSITY OF HIMACHAL PRADESH

SHAHPUR PARISAR, SHAHPUR

HIMACHAL PRADESH -176206

PROJECT REPORT
ON
A STUDY ON REPRESENTATION OF FINITE GROUPS

SUBMITTED BY PARTIAL FULLFILLMENT FOR THE AWARD OF THE DEGREE OF
MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS
IN THE SCHOOL OF MATHEMATICS, COMPUTERS AND INFORMATION SCIENCES

SUBMITTED BY:

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CENTRAL UNIVERSITY OF HIMACHAL PRADESH

SHAHPUR PARISAR, SHAHPUR, KANGRA

HIMACHAL PRADESH- 176206

PROJECT REPORT
ON
Introduction To The Duckworth–Lewis–Stern method (DLS)

SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE OF
MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS
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PROJECT REPORT
ON
RESIDUAL POWER SERIES METHOD AND ITS APPLICATION

SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE OF
MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS
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PROJECT REPORT
ON
COMPARARATIVE STUDY OF ONLINE AND OFFLINE
TEACHING MODES AMONG STUDENTS

SUBMITTED IN PARTIAL FULFILMENT FOR THE AWARD OF THE DEGREE
OF
MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASAN RAMANUJAN DEPARTEMENT OF MATHEMATICS IN THE
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CENTRAL UNIVERSITY OF HIMACHAL PRADESH

SHAHPUR CAMPUS, SHAHPUR, KANGRA

HIMACHAL PRADESH – 176206

A PROJECT REPORT
ON
k-MERSENNE-LUCAS NUMBERS AND THEIR
PROPERTIES

SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE
MASTER OF SCIENCE
IN
MATHEMATICS



SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS
SCHOOL OF MATHEMATICS, COMPUTERS & INFORMATION SCIENCES

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CENTRAL UNIVERSITY OF HIMACHAL PRADESH
SHAHPUR CAMPUS, SHAHPUR, KANGRA 176206

JUNE 2022

PROJECT REPORT

ON

"G-sets and G -psets"

SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE OF

MASTER OF SCIENCE

IN

MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS
IN THE SCHOOL OF MATHEMATICS, COMPUTERS AND INFORMATION SCIENCES

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NAME: SONU KUMAR, ROLL NO: , CUHP20IAM31

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SHAHPUR PARISAR, SHAHPUR, KANGRA,

HIMACHAL PRADESH- 176206

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PROJECT REPORT
ON
SOME MATHEMATICAL MODELS FOR
INFECTIOUS DISEASES

SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE OF
MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS IN THE
SCHOOL OF MATHEMATICS, COMPUTERS AND INFORMATION SCIENCES

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Shahpur Parisar, Shahpur, Kangra,

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June-2022

PROJECT REPORT
ON
HOMOTOPY PERTURBATION METHOD
SUBMITTED IN PARTIAL FULFILLMENT FOR THE DEGREE OF
MASTER OF SCIENCE IN MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF
MATHEMATICS
IN THE SCHOOL OF MATHEMATICS, COMPUTERS AND
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PROJECT REPORT
ON
EFFECT OF COVID -19 LOCKDOWN AND ITS
IMPACT ON STUDENT LIFE AND SOCIAL MEDIA

SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE
OF
MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASAN RAMANUJAN DEPARTMENT OF MATHEMATICS IN THE
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Himachal Pradesh-176206


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A PROJECT REPORT
ON
k-MERSENNE-LUCAS NUMBERS AND THEIR
PROPERTIES

SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE
MASTER OF SCIENCE
IN
MATHEMATICS



SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS
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JUNE 2022

PROJECT REPORT
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A STUDY ON REPRESENTATION OF FINITE GROUPS

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MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS
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SHAHPUR PARISAR, SHAHPUR, KANGRA

HIMACHAL PRADESH- 176206

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**PROJECT REPORT
ON
MATHEMATICAL ANALYSIS OF TUMOR
GROWTH AND ITS TREATMENT**

**SUBMITTED IN THE PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE OF
MASTER OF SCIENCE
IN
MATHEMATICS**



**IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS
IN THE SCHOOL OF MATHEMATICS, COMPUTERS AND INFORMATION SCIENCES**

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PROJECT REPORT On q -Homotopy Analysis Method

SUBMITTED TO CENTRAL UNIVERSITY OF HIMACHAL PRADESH FOR THE
PARTIAL FULFILMENT OF THE DEGREE OF MSc.(MATHEMATICS)



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF
MATHEMATICS IN THE SCHOOL OF MATHEMATICS, COMPUTERS
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PROJECT REPORT
ON
REVIEW OF APPLICATIONS OF VEDIC SUTRAS IN COMPUTER
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SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE
MASTER OF SCIENCE
IN
MATHEMATICS



IN THE SRINIVASAN RAMANUJAN DEPARTMENT OF MATHEMATICS IN THE
SCHOOL OF MATHEMATICS COMPUTER & INFORMATION SCIENCES.

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Shahpur Parisar, Shahpur, Kangra, Himachal Pradesh -176206

PROJECT REPORT
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GENERATING FUNCTIONS FOR THE PRODUCT OF k-
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FOR THE PARTIAL FULFILLMENT OF THE DEGREE OF
M.Sc. (MATHEMATICS)



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS
IN THE SCHOOL OF MATHEMATICS, COMPUTERS & INFORMATION SCIENCES

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CENTRAL UNIVERSITY OF HIMACHAL PRADESH,
SHAHPUR PARISAR, SHAHPUR
KANGRA, HIMACHAL PRADESH -176206

PROJECT REPORT

ON

" G -sets and G -psets"

SUBMITTED IN PARTIAL FULFILLMENT FOR THE AWARD OF THE DEGREE OF

MASTER OF SCIENCE

IN

MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS

IN THE SCHOOL OF MATHEMATICS, COMPUTERS AND INFORMATION SCIENCES

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HIMACHAL PRADESH- 176206

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PROJECT REPORT
ON
INTRODUCTION ON WEIGHTED RESIDUAL
METHODS

SUBMITTED TO CENTRAL UNIVERSITY OF HIMACHAL
PRADESH FOR THE PARTIAL FULFILLMENT OF DEGREE
OF M.SC MATHEMATICS



IN THE SRINIVASA RAMANUJAN DEPARTMENT OF MATHEMATICS IN
THE SCHOOL OF MATHEMATICS, COMPUTERS & INFORMATION
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