

# M.S.N.DEGREE COLLEGE

Yanam Road, MSN Charities, Near Andhra Polytechnic, KAKINADA -533002.  
ANDHRA PRADESH



DEPARTMENT OF MATHEMATICS

## BONAFIDE CERTIFICATE

*This is to certify that dissertation entitled "Mathematics & Fine Arts" that is being submitted by M Veerbabu (Regd. No. 150417101008) & P. Swaroop (Regd. No. 1504147101014) in partial fulfillment for the award of the degree of Bachelor Of Degree in Mathematics, Physics and Chemistry department Of the M.S.N. DEGREE COLLEGE Affiliated to ADIKAVI NANNAYYA University is record of bonafide work carried out by them under my guidance. The project fulfills the requirements as per the regulations of this college and in my opinion meets the necessary standards for submission.*

Submitted for University Examination held on 29/3/18

  
Signature of the Guide

  
Signature of the External  
29/03/2018

# **Mathematics & Fine Arts**

A project report submitted in partial fulfillment of  
The requirements for the award of degree of

## **BACHELOR OF DEGREE IN B.SC (M.P.C)**

Submitted By

**Mr. M. Veerababu (Regd. No. 150417101008)**

**Mr. P. Swaroop (Regd. No. 150417101014)**

**Under the Esteemed Guidance of**

**Mrs. DR. CH.C.S.V.V. RAMANA MURTHY, M.Sc, MPhil, P.H.D, P.G.D.A.S**



**DEPARTMENT OF MATHEMATICS**

# **M.S.N.DEGREE COLLEGE**

**Approved by AICTE and affiliated to ADIKAVI NANNAYYA University**

**KAKINADA-533 002**

**20015-2018**

# Applications of Linear Transformations in Graphics

A project report submitted in partial fulfillment of  
The requirements for the award of degree of

**BACHELOR OF DEGREE  
IN  
B.SC (M.P.C)**

Submitted By  
**Mr. K.V. Kishore (Regd. No. 150417101005)**  
**Mr. M. Sai Krishna (Regd. No. 150417101009)**

**Under the Esteemed Guidance of**  
**Mrs. DR. CH.C.S.V.V. RAMANA MURTHY**, M.Sc, MPhil, P.H.D, P.G.D.A.S



**DEPARTMENT OF MATHEMATICS**

**M.S.N.DEGREE COLLEGE**

Approved by AICTE and affiliated to ADIKAVI NANNAYYA University

KAKINADA-533 002

20015-2018



# M.S.N. DEGREE COLLEGE

Yanam Road, MSN Charities, Near Andhra Polytechnic, KAKINADA -533002.  
ANDHRA PRADESH




DEPARTMENT OF MATHEMATICS

## BONAFIDE CERTIFICATE

*This is to certify that dissertation entitled "Applications of Linear Transformations in Graphics" that is being submitted by K.V.Kishore (Regd. No. 150417101005) & M. Sai Krishna (Regd. No. 1504147101009) in partial fulfillment for the award of the degree of Bachelor Of Degree in Mathematics, Physics and Chemistry department Of the M.S.N. DEGREE COLLEGE Affiliated to ADIKAVI NANNAYYA University is record of bonafide work carried out by them under my guidance. The project fulfills the requirements as per the regulations of this college and in my opinion meets the necessary standards for submission.*

**Submitted for University Examination held on** 29/3/18

  
Signature of the Guide

  
Signature of the External  
29/03/2018

# Application of Differential Equations

A project report submitted in partial fulfillment of  
The requirements for the award of degree of

**BACHELOR OF DEGREE  
IN  
B.SC (M.P.C)**

Submitted By

**Mr. Ch. Rajesh Kumar (Regd. No. 150417101001)**

**Mr. P. Vijay Daniel (Regd. No. 150417101012)**

**Under the Esteemed Guidance of**

**Mrs. DR. CH.C.S.V.V. RAMANA MURTHY, M.Sc, M.Phil, P.H.D, P.G.D.A.S**



**DEPARTMENT OF MATHEMATICS**

**M.S.N.DEGREE COLLEGE**

Approved by AICTE and affiliated to ADIKAVI NANNAYYA University

**KAKINADA-533 002**

**20015-2018**

# M.S.N.DEGREE COLLEGE

Yanam Road, MSN Charities, Near Andhra Polytechnic, KAKINADA -533002.  
ANDHRA PRADESH



DEPARTMENT OF MATHEMATICS

## BONAFIDE CERTIFICATE

*This is to certify that dissertation entitled "Applications of Differential Equations" that is being submitted by Ch. Rajesh Kumar (Regd. No. 150417101001) & P. Vijay Daniel (Regd. No. 1504147101012) in partial fulfillment for the award of the degree of Bachelor Of Degree in Mathematics, Physics and Chemistry department Of the M.S.N. DEGREE COLLEGE Affiliated to ADIKAVI NANNAYYA University is record of bonafide work carried out by them under my guidance. The project fulfills the requirements as per the regulations of this college and in my opinion meets the necessary standards for submission.*

**Submitted for University Examination held on** 29/3/18

  
Signature of the Guide

  
Signature of the External  
29/03/2018.



# **MODELING FOR AQUACULTURE USING DIFFERENTIAL EQUATIONS**

A project report submitted in partial fulfillment of  
The requirements for the award of degree of

## **BACHELOR OF DEGREE IN B.SC (M.P.C)**

Submitted By

**Mr. P. Srinivas (Regd. No. 150417101013)  
Mr. L. Manikanta (Regd. No. 150417101006)**

**Under the Esteemed Guidance of**

**Mrs. DR. CH.C.S.V.V. RAMANA MURTHY, M.Sc, M.Phil, P.H.D, P.G,D.A.S**



**DEPARTMENT OF MATHEMATICS**

# **M.S.N.DEGREE COLLEGE**

**Approved by AICTE and affiliated to ADIKAVI NANNAYYA University**

**KAKINADA-533 002**

**20015-2018**

# M.S.N.DEGREE COLLEGE

Yanam Road, MSN Charities, Near Andhra Polytechnic, KAKINADA -533002.  
ANDHRA PRADESH



DEPARTMENT OF MATHEMATICS

## BONAFIDE CERTIFICATE

This is to certify that dissertation entitled "**MODELING FOR AQUACULTURE**

**USING DIFFERENTIAL EQUATIONS**" that is being submitted by P.Srinivas (Regd.

No. 150417101013) & L. Manikanta (Regd. No. 1504147101006) in partial

fulfillment for the award of the degree of Bachelor Of Degree in Mathematics, Physics and

Chemistry department Of the M.S.N. DEGREE COLLEGE Affiliated to ADIKAVI NANNAYYA

University is record of bonafide work carried out by them under my guidance. The project

fulfills the requirements as per the regulations of this college and in my opinion meets the

necessary standards for submission.

Submitted for University Examination held on \_\_\_\_\_

Signature of the Guide

*P. T. G. S. Bhargava*  
Signature of the External  
29/03/2018.



# MATHEMATICS IN NATURE

A project report submitted in partial fulfillment of  
The requirements for the award of degree of

## BACHELOR OF DEGREE IN B.SC (M.P.C).

Submitted By

Miss. G.SATYAVENI (Regd. No. 150417101004)

Mrs. V. SAI APARNA (Regd. No. 150417101015)

**Under the Esteemed Guidance of**

Mrs. DR. CH.C.S.V.V. RAMANA MURTHY, M.Sc, M.Phil, P.H.D, P.G,D.A.S



DEPARTMENT OF MATHEMATICS

## M.S.N.DEGREE COLLEGE

Approved by AICTE and affiliated to ADIKAVI NANNAYYA University

KAKINADA-533 002

20015-2018

# M.S.N.DEGREE COLLEGE

Yanam Road, MSN Charities, Near Andhra Polytechnic, KAKINADA -533002.  
ANDHRA PRADESH




## DEPARTMENT OF MATHEMATICS

### BONAFIDE CERTIFICATE

*This is to certify that dissertation entitled "MATHEMATICS IN NATURE" that is being submitted by GUTHULA SATYAVENI (Regd. No. 150417101004) & VANAPALLI SAI APARNA (Regd. No. 1504147101015) in partial fulfillment for the award of the degree of Bachelor Of Degree in Mathematics, Physics and Chemistry department Of the M.S.N. DEGREE COLLEGE Affiliated to ADIKAVI NANNAYYA University is record of bonafide work carried out by them under my guidance. The project fulfills the requirements as per the regulations of this college and in my opinion meets the necessary standards for submission.*

**Submitted for University Examination held on \_\_\_\_\_**

  
Signature of the Guide

  
Signature of the External  
28/03/2018

**Finding Mathematics in  
Carpentry & Pottery works and String Art**  
A project report submitted in partial fulfillment of  
The requirements for the award of degree of

**BACHELOR OF DEGREE  
IN  
3rd B.SC (M.P.C)**

**Submitted By**

Mr. M. V. Sai Shanmukesh (Regd. No. 150417101010)  
Mr. G. Rama Krishna (Regd. No. 150417101003)

**Under the Esteemed Guidance of**

**Mrs. DR. CH.C.S.V.V. RAMANA MURTHY**, M.Sc, M.Phil, P.H.D, P.G.D.A.S



**DEPARTMENT OF MATHEMATICS**

**M.S.N.DEGREE COLLEGE**

Approved by AICTE and affiliated to ADIKAVI NANNAYYA University  
KAKINADA-533 002

**20015-2018**



# M.S.N.DEGREE COLLEGE

Yanam Road, MSN Charities, Near Andhra Polytechnic, KAKINADA -533002.  
ANDHRA PRADESH




DEPARTMENT OF MATHEMATICS

## BONAFIDE CERTIFICATE

*This is to certify that dissertation entitled "FINDING MATHEMATICS IN CARPENTRY & POTTERY WORKS AND STRING ARTS" that is being submitted by M. V. Sai Shanmukesh (Regd. No. 150417101010) & G. Rama Krishna (Regd. No. 1504147101003) in partial fulfillment for the award of the degree of Bachelor Of Degree in Mathematics, Physics and Chemistry department Of the M.S.N. DEGREE COLLEGE Affiliated to ADIKAVI NANNAYYA University is record of bonafide work carried out by them under my guidance. The project fulfills the requirements as per the regulations of this college and in my opinion meets the necessary standards for submission.*

Submitted for University Examination held on 29/3/18

  
Signature of the Guide

  
Signature of the External  
29/03/2018