



**S.A.S GOVERNMENT DEGREE COLLEGE**  
NARAYANAPURAM, WEST GODAVARI, ELURU DISTRICT - 534406  
(AFFILIATED TO ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM)  
Phone: 08818252182, E-mail: [narayanapuram.jkc@gmail.com](mailto:narayanapuram.jkc@gmail.com)



**SRI ARAVINDA SATHAJAYANTHI  
GOVERNMENT DEGREE COLLEGE**

NARAYANAPURAM, ELURU DISTRICT - ANDHRA PRADESH  
Affiliated to Adikavi Nannaya University-Rajamahendravaram



**TWO - DAY WORKSHOP  
ON**

**PREPARATION OF MATHEMATICAL MODELS  
from 3<sup>rd</sup> - 4<sup>th</sup> November 2022**



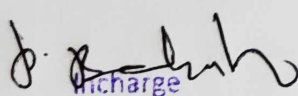
**RESOURCE PERSON**

**Dr. PRAKHYA SATYANARAYANA SARMA**


**ASSISTANT PROFESSOR, KBN COLLEGE, VIJAYAWADA.**



**CONDUCTED BY DEPARTMENT OF MATHEMATICS**

  
Incharge  
Department of Mathematics  
SAS GOVERNMENT DEGREE COLLEGE  
NARAYANAPURAM-534 406



  
PRINCIPAL  
SAS GOVT. DEGREE COLLEGE  
NARAYANAPURAM  
West Godavari District.  
Pin: 534 406, Andhra Pradesh

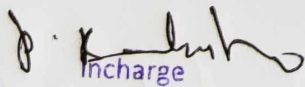


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### Inaugural Function

S.No	Program	Remarks
1	Speech by Principal	Sri D. Reddiah
2	Speech by IQAC coordinator	Sri D. Reddiah
3	Speech by Guest	Dr. P. Satyanarayana Sarma
4	Speech by Guest	Sri R. Suresh
5	Speech by Guest	Dr B. V. Reddy
6	Vote of Thanks	Dr. K. Ravi
7	Closing Remarks	Dr. P. Babu Rao

  
Incharge

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## A Brief report

on

## PREPARATION OF MATHEMATICAL MODELS

**Title: "PREPARATION OF MATHEMATICAL MODELS"**

**Date: 3 – 4<sup>th</sup> November 2023**

The SAS Degree College in Narayanapuram, Department of Mathematics recently hosted a workshop on "Preparation of Mathematical Models". The objectives of this event were to highlight mathematical skills, encourage problem-solving abilities, and cultivate a positive competitive spirit among students.

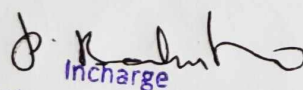
### **Event Format:**

The goal of the workshop on the preparation of mathematical models was to give participants the know-how and abilities needed to build mathematical representations of real-world occurrences that are correct. In many disciplines, including biology, economics, engineering, and environmental science, mathematical modeling is essential for analyzing, forecasting, and optimizing complex systems by practitioners and researchers.


### **The Highlights:**

**Fundamental Ideas:** An introduction to the basic ideas of mathematical modeling was given at the start of the program. The concepts of abstraction, simplification, and mathematical structure representation of real-world systems were presented to the participants. We talked about the fundamental modeling methods, such as difference equations, stochastic models, and differential equations.

**Model Development procedure:** The participants received a step-by-step handbook explaining the model development procedure. The formulation of problems was emphasized.

  
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GPS Map Camera

Narayanapuram, Andhra Pradesh, India  
Unnamed Road, Narayanapuram, Andhra Pradesh 534411, India  
Lat 16.824187°  
Long 81.403633°  
03/11/22 11:46 AM GMT +05:30

Google



*[Signature]*  
Incharge

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**SRI ARAVINDA SATHAJAYANTHI**  
**GOVERNMENT DEGREE COLLEGE**  
NARAYANAPURAM, ELURU DISTRICT, ANDHRA PRADESH

*This is to certify that*

**Sri Royyuru Suresh**

*has acted as Technical Assistance of two day Work Shop on*

**PREPARATION OF MATHEMATICAL MODELS**

*Organised by Department of Mathematics SAS Govt Degree College Narayana Puram*

Dr.P.Babu Rao  
Convenor

Dr.K.Ravi  
Co-Convenor

Sri.D.Reddiah  
Vice-Principal

Dr.T.K.Visweswara Rao  
Principal

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**GOVERNMENT DEGREE COLLEGE**  
NARAYANAPURAM, ELURU DISTRICT, ANDHRA PRADESH

*This is to certify that*

**Dr Prakhya Satyanarayana Sarma**

Assistant professor, KBN College, Vijayawada

*has acted as Resource Person of two day Work Shop on*

**PREPARATION OF MATHEMATICAL MODELS**

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*[Signature]*  
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**Dr Prakhya Satyanarayana Sarma**

Assistant professor, KBN College, Vijayawada

**With Heartfelt Gratitude**

**FOR YOUR VALUABLE GAUIDANCE**

*has acted as Technical Assistance of two day Work Shop on*

**PREPARATION OF MATHEMATICAL MODELS**

**PRINCIPAL, STAFF AND STUDENTS**



**Sri Royyuru Suresh**

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**PREPARATION OF MATHEMATICAL MODELS**

**PRINCIPAL, STAFF AND STUDENTS**

*P. R. Babu*  
 Incharge

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*T. S. Suresh*  
 PRINCIPAL  
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## Department of Mathematics & IQAC

### Attendance Sheet

**Name of the Activity:**

PREPARATION OF MATHEMATICAL MODELS

**Date:**

3 - 4<sup>th</sup> November 2022

S.NO	NAME OF THE STUDENT	Signature
1	P. Pavan Kumar	Pavan Kumar P.
2	K. Pradeep	Pradeep
3	D. Madhu Sai Jyothi	D. M. S. Jyothi
4	M. Sriniwas	M. Sriniwas
5	V. Peddi Lakshmi	V. Peddi Lakshmi
6	G. Pooja	G. Pooja
7	M. Chandu babu	M. Chandu
8	S. Likhitha rani	S. Likhitha rani
9	B. Venkatesulu	B. Venkatesulu
10		

*B. Balakrishna*  
 Incharge

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*T. Srinivas*  
 PRINCIPAL  
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