

**CH.SD.ST.THERESA'S (A) COLLEGE FORWOMEN, ELURU**



**DEPARTMENT OF MATHEMATICS  
ACTIVITIES  
(2023-2024)**

**ACTIVITIES**

**OF**  
**DEPARTMENT OF**  
**MATHEMATICS**  
**&**  
**STATISTICS**  
**(2023-2024)**

**DEPARTMENT OF MATHEMATICS & STATISTICS**  
**REPORT 2023 – 2024**

**Extra Curricular & cocurricular activities assigned to the faculty in  
Department of Mathematics (2023--24)**

Members of the Department gathered for a meeting to review the Results of odd semester.

The Odd semester results of 2023 -2024were as follows

Semester	Paper	No.of Students Appeared	No.of Students Passed	No.of.Students Failed	Pass Percentage
I	MAJOR	25	24	01	96%
	MINOR	25	24	01	96%
III	III	100	96	05	95%

Name	Designation	Activity Assigned
Mr.V.Gopinath	HOD	Member of Boards of Studies of Meeting Course and Co – Ordinator of Analytical Skills
Mrs.P.Poojitha	Lecturer	Member in Theresian Alumnae Association NSS Program Officer Mentor for analytical Skills
Mrs.G.Jyothi	Lecturer	Secretary of the Department Mentor for Analytical Skills
Ms.R.Sravani	Lecturer	Member in Theresian Alumnae Association

## MAY

Mr.V.Gopinath published a paper of title is Darcy-Forchheimer flow of power-law(Ostwald-de Waele type) nanofluid over an inclined plate with thermal radiation and activation energy:an irreversibility analysis .

Name of the journal is International Journal of Ambient Energy.

Scopus Index, E-ISSN:2162-8246.

During month of May 2023 Community Survey project was conducted on “Water facilities during water availability “. 41 Students were actively participated data collected through questionnaire form (Google form).

In this project, they collected information from the household by using a questionnaire which contains questions like,

Which source of water is available in the locality?

How many hours they get water daily?

Do they pay for water?

Which source of drinking water do household use?

Etc.

After collecting the data they discussed and analyzed the data by using pie charts, bar graphs, line graphs. Students also conducted awareness programs in their locality about the scarcity of water and suggested some tips to save water resources. On 22-06-2023 in this project, students also conducted awareness program in their respective areas about the methods for purifying water and created awareness on conservation of water resources. And they explained how to utilize the water resources.

They explained about how water plays an important role in our daily life .By doing this survey they came to know that most of the households are drinking mineral water. They suggested them some water purification methods which will help them to purify the water at home and preventive measures to control water born diseases.

By doing this project, students came to know about the various water sources and availability in their area. They understood the problem of the households encountered in fetching drinking water.

By doing this survey students gain practical knowledge and they learn how to interact with the people.

**CH.S.D.ST.THERESA'S COLLEGE FOR WOMEN (A), ELURU**

**II Semester – Short term Internship-- CSP – 2022 - 2023**

**List of students - Department of MATHEMATICS&STATISTICS**

<b>S.No</b>	<b>Reg. No</b>	<b>Name of the Student</b>	<b>Group</b>	<b>Title of the Project</b>
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1	221600	M.Bhagya sri	MSCS	Socio-economic survey (water facilities & drinking water availability)-Selected area-Pathebadh,Eluru.
2	221602	K.Sonia gold	MSCS	socio-economic survey (water facilities & drinking water availability)- Selected area-Kokkirailanka(village)
3	221605	Bala durga	MSCS	Socio-economic survey (water facilities & drinking water availability) Selected area-Sanivarapu Peta,Eluru.
4	221606	B.Rupa jaya sri	MSCS	Socio-economic survey (water facilities & drinking water availability)- Selected area-Rani Nagar,Eluru.
5	221608	P.Vathsalya	MSCS	Socio-economic survey (water facilities & drinking water availability) -Selected area-Kaikaram(village).
6	221609	P.Roja rani	MSCS	Socio-economic survey (water facilities & drinking water availability) -Selected area-Kaikaram(village).
7	221610	M.Lakshmi prasanna	MSCS	Socio-economic survey (water facilities & drinking water availability)- Selected area-Thotapalli (village).
8	221611	P.Iswarya	MSCS	Socio-economic survey (water facilities & drinking water availability) -Selected area-Gullapudi (village).
9	221612	G.Durga krishnaveni	MSCS	Socio-economic survey (water facilities & drinking water availability) - Selected area-Satrapadu ,Eluru.
10	221613	K.Ganga bhavani	MSCS	Socio-economic survey (water facilities & drinking water availability)- Selected area-Taratava (village).
11	221614	R.Venkata sai Sowjanya	MSCS	Socio-economic survey (water facilities & drinking water availability)- Selected area-Phirangulla Dhibba,Eluru.
12	221617	M.Stella grace	MSCS	Socio-economic survey (water facilities & drinking water availability) - Selected area-Vddigudem(village).
13	221618	E.Asha swarupa	MSCS	Socio-economic survey (water

				facilities & drinking water availability)- Selected area-Ramannagudem(village).
14	221619	Naga Sai Bhanu	MSCS	Socio-economic survey (water facilities & drinking water availability) - Selected area-Kaikaluru(village).
15	221304	Dhana lakshmi	MPCS	Socio-economic survey (water facilities & drinking water availability) - Selected area-R.R.Peta ,Eluru.
16	221312	Kalyani	MPCS	Socio-economic survey (water facilities & drinking water availability) - Selected area-R.R.Peta ,Eluru.
17	221320	Pujitha	MPCS	Socio-economic survey (water facilities & drinking water availability) - Selected area-R.R.Peta ,Eluru.
18	221321	Tejaswini	MPCS	Socio-economic survey (water facilities & drinking water availability)
19	221323	Vijay rani	MPCS	Socio-economic survey (water facilities & drinking water availability) - Selected area- ,Kondruprolu Thadepalli Gudem.
20	221329	Pavani	MPCS	Socio-economic survey (water facilities & drinking water availability) - Selected area-Jagannadhapuram,Thadepalli Gudem.
21	221335	Neelima	MPCS	Socio-economic survey (water facilities & drinking water availability) - Selected area-R.R.Peta ,Eluru.
22	221400	N.Akhila	MECS	Socio-economic survey (water facilities & drinking water availability) - Selected area-Duggirala,Eluru.
23	221401	Sk Jasmine	MECS	Socio-economic survey (water facilities & drinking water availability) - Selected area-Sanivarapu peta,Eluru.
24	221402	Sk Jeenath	MECS	Socio-economic survey (water facilities & drinking water availability) - Selected area-Pinakadimi
25	221403	P.Divya	MECS	Socio-economic survey (water facilities & drinking water

				availability) - Selected area-polla.
27	221404	N.Madhavi Durga	MECS	Socio-economic survey (water facilities & drinking water availability) - Selected area-Thurpvedhi, Eluru.
28	221406	V.Sravanthi	MECS	Socio-economic survey (water facilities & drinking water availability) - Selected area-Gurvaipalem.
29	221407	P.V. Deepthi	MECS	Socio-economic survey (water facilities & drinking water availability) - Selected area-Sanivarapu peta, patha tivachi Eluru.
30	221408	S.Usha Sariki	MECS	Socio-economic survey (water facilities & drinking water availability) - Selected area-R.R.Peta, Eluru.



### Awareness Programme on Save Water

**JUNE**

## ACADEMIC COUNCIL MEET:

On June 26<sup>th</sup> 2023 Mr.V.Gopinath and Mrs.R.Sravani attended the Academic Council Meet

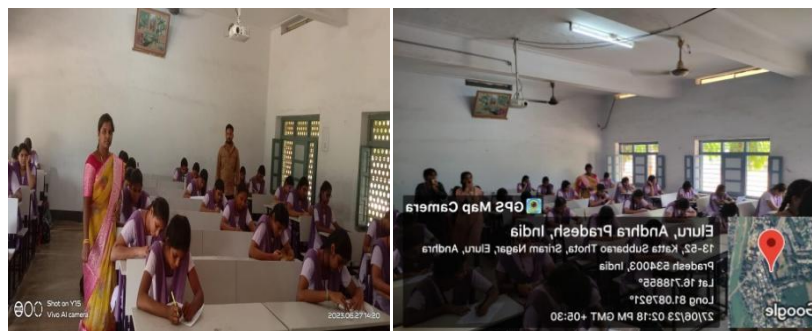


On the eve of National Statistics day (29-06-2023), the Department of Mathematics & Statistics conducted

- Poster presentation on **“Applications of Statistics in various fields”**  
[Time 2.00pm]



- Essay writing on **“Significance of National Statistics day”**  
[12.00pm to 1.00pm]



Dr.Mr.Anvesh Krishna University statistics staff and Mrs.R.Sravani conducted quiz program on 27<sup>th</sup> June2023 on the occasion of National statistics day of 29 th June 2023.





On 30<sup>th</sup> June Subject viva was conducted by Dr.Rajini as External member ,Mr. V.Gopinath as Internal member

**IV Semester – Short term Internship—Subject Project – 2022 - 2023**  
**List of students - Department of MATHEMATICS&STATISTICS**

S.No	Reg.No	Name of the Student	Group	Title of the Project (STATISTICS SUBJECT PROJECTS)
1	211609	Ch.Lavanya	MSCS	A study of academic performance and parental age
2	211614	G.Divya	MSCS	A study of academic performance and parental age
3	211616	G.Vidhru Madhuri	MSCS	A study of academic performance and parental age
4	211636	P.Bhanu Sri	MSCS	A study of academic performance and parental age
5	211638	SK.Saniya Mirza	MSCS	A study of academic performance and parental age
6	211601	P.Geethanjali	MSCS	An analysis of online shopping
7	211606	V.Lavanya	MSCS	An analysis of online shopping
8	211611	M.Saahi Sri	MSCS	An analysis of online shopping
9	211618	D.Jaquelin	MSCS	An analysis of online shopping
10	211633	T.Chandhana	MSCS	An analysis of online shopping
11	211637	P.Jhahnavi	MSCS	An analysis of online shopping
12	211603	K.Keerthi	MSCS	A Report on Road Accident by using time series analysis
13	211610	P.P.N.Praneetha	MSCS	A Report on Road Accident by using time series analysis
14	211615	K.Siri Vennela	MSCS	A Report on Road Accident by using time series analysis
15	211632	A.Amulya Chandu	MSCS	
16	211640	N.Rohitha Sri Priya	MSCS	A Report on Road Accident by using time series analysis
17	211612	P.Jyothika	MSCS	A project on cell phone usage using correlation techniques
18	211617	M.Vidhya Dharani	MSCS	A project on cell phone usage using correlation

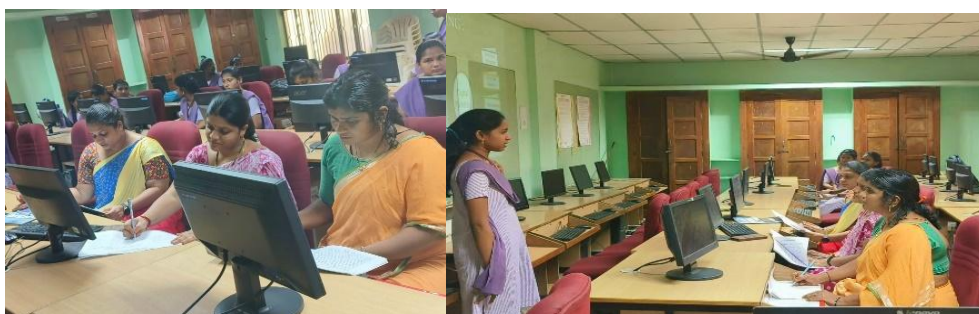
				techniques
19	211622	V.Madhu Chandrika	MSCS	A project on cell phone usage using correlation techniques
20	211635	B.Bhumika	MSCS	A project on cell phone usage using correlation techniques
21	211641	S.Suma Sri	MSCS	A project on cell phone usage using correlation techniques
			U.G	<b>MATHEMATICS SUBJECT PROJECTS</b>
1	211600	M.Sharon	MSCS	Evaluation of Integrals by using Trapezoidal rule and Simpson's 1/3 rule in C –Language
2	211602	V.Gayatri	MSCS	Lagrange's interpolation and Newton 's divided difference formula in C –Language
3	211604	K.Navya Sri	MSCS	Newton's forward and backward interpolation formula in C –Language
4	211607	A.Geethanjali	MSCS	Solving the ordinary differential equations by using Euler's method and RK 4 <sup>th</sup> order method in C – Language
5	211619	R.Poojitha devi	MSCS	Lagrange's interpolation and Newton 's divided difference formula in C –Language
6	211620	P.Ragha Mllika	MSCS	Evaluation of Integrals by using Trapezoidal rule and Simpson's 1/3 rule in C –Language
7	211621	R.Jyotheswari	MSCS	Newton's forward and backward interpolation formula in C –Language
8	211623	U.Rajeswari	MSCS	Newton's forward and backward interpolation formula in C –Language
9	211624	U.Lakshmi Jahnavi	MSCS	Newton's forward and backward interpolation formula in C –Language
10	211627	R.Josthna Devi	MSCS	Lagrange's interpolation and Newton 's divided difference formula in C –Language
11	211628	K.Prasanna	MSCS	Lagrange's interpolation and Newton 's divided difference formula in C –Language
12	211630	K.Sirisha	MSCS	Solving the ordinary differential equations by using Euler's method and RK 4 <sup>th</sup> order method in C – Language



Mr.V.Gopinath attended as External member CSP VIVA .VOCE for Home Science and Multi Medea department students.About 55 students were submitted their CSP project .

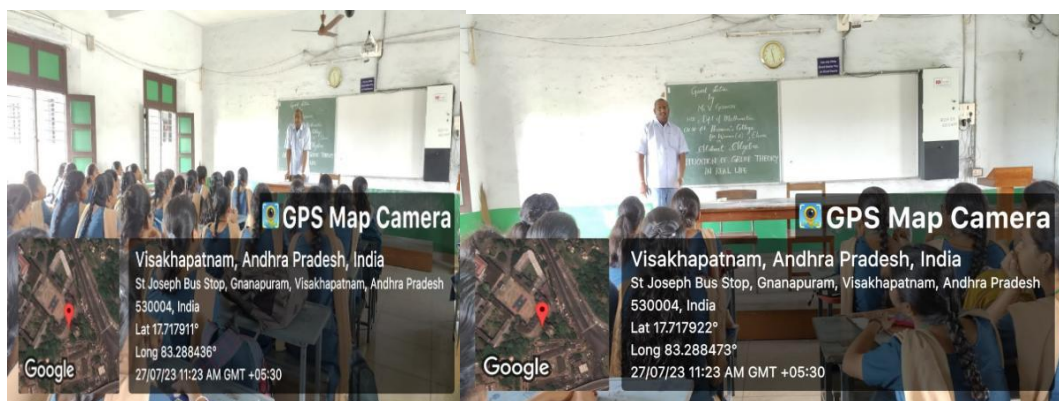


Mrs.P.Poojitha attended as External member CSP VIVA . for Physical Science department students.About 75 students were submitted their CSP project.



Mrs.R.Sravani attended as internal member for csp project viva .

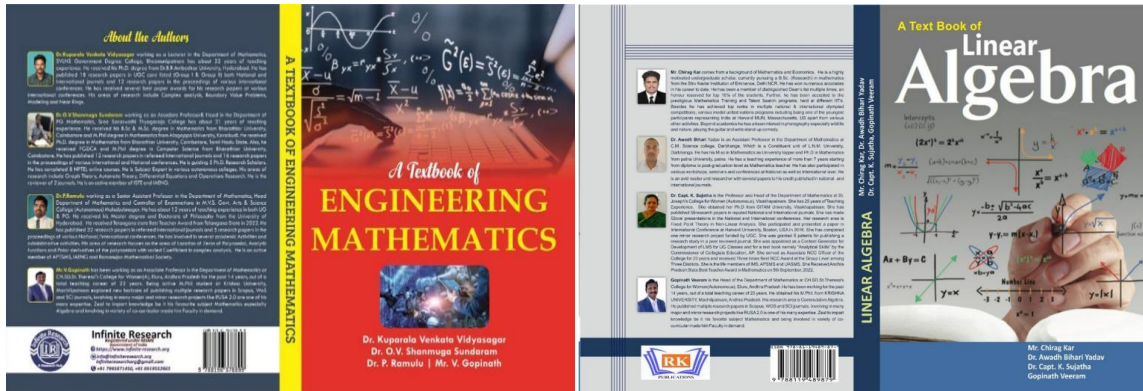
On 27<sup>th</sup> July Mr.V.Gopinath gave guest lecture on “ Applications of Group theory in Real life” morning session .



And Afternoon session attended Boards of Studies meeting as a Subject expert which was conducted by St.Joseph College for Women (A), Visakhapatnam.



Mr.V.Gopinath published a text with the name of “ ENGINEERING MATHEMATICS”



and also Mr.V.Gopinath awarded his M.Phil from Krishna University ,Machilipatnam.

## August 2023

Mr.V.Gopinath attended a five day interdisciplinary online faculty development programme on institutional initiatives for effective assessment and accreditation in the context of NEP-2020 from 07-08-2023 to 11-08-2023 Organised at S.S & N College ,Narasaraopet, by Sri Subbaraya and Narayana College, Narasaraopet, Palnadu District in collaboration with APCCE.

The 77th Independence Day was celebrated with great enthusiasm by all the Management, staff and students of the Ch.S.d.St. Theresa’s College for Women(A) ,Eluru. The stage was beautifully decorated with flags to commemorate the day. All the staff, supporting staff and students gathered in the college premises at 7.45 a.m. in the morning. MC of the Independence day by Anusha college president. Mr.V.Gopinath, HOD of Mathematics & Statistics Welcome the gathering.

In the presence of a gleeful gathering, the chief guest welcomed with sapling by Major D.R.PM.Celine Rose, HOD Department of Physical Education. The National Flag was hoisted by the Chief Guest Rev.Mother Ernestine Fernandez ,Superior & Correspondent of Ch.S.d.St. Theresa’s College for Women(A) ,Eluru. As soon as the flag was hoisted, everyone sang the National Anthem.



A solemn speech was given by the Chief Guest to pay homage to the brave martyrs of the country. After that, melodious patriotic songs were sung by the Mrs.Sushma and her team. After that, Guest of Honor our Principal sister Dr.Sr.Mercy.P told us the importance of the day.



Then we remembered the freedom fighters of our country. Later a cultural program was also held by students UG & PG students. After that brief the significance speech given by Ms.A.Reshma of II M.Sc –Physics on Independence day, and final dance by NCC Cadets & Sports Students, the program was come to an end, the vote of thanks by Mrs.R.Sravani.

At the end, the packets of sweets were distributed to the students, staff and supporting staff, provided by the college Management. This Independence day was celebrated by department of Mathematics & statistics & Physical Education



Mr.V.Gopinath has attended the Jawahar Navodaya Vidyalaya ,Ministry of Education ,Government of India,Pedavegi,Eluru District on 25th and 26th August 2023,a member of Vidyalaya Academic Panel Inspection Team in conection with the Annual Academic Panel Insepction for year 2023-24,along with the NVS officials .

## SEPTEMBER



Mr.V.Gopinath won the 1st prize in men's Batminton singles,he also won the 1st prize in men's Volley Ball and he got 2nd prize in Men's Chess .



Mrs.G.Jyothi wonthe 1st prize in women's short put,she also the 1st prize in women's javllin through and she got 2nd prize in women's throw Ball.



Mrs.R.Sravani won the 3<sup>rd</sup> prize in women's 50 m Run.



## Department of Mathematics and Statistics

### Report on One Day Workshop

**Name of the Event** : One Day Workshop on Statistical tools-  
Data Driven Storytelling using Tableau

**Resource Person** : **Dr.Srinivas Karimujja, Data Scientist and  
trainer,**  
**Statinfer Software Solutions,Vijayawada**

**Contact Number** : **9912889393**

**Mail ID** : drgvasu.statinfer@gmail.com

**Date** : 23<sup>rd</sup> September 2023

**Time** : 9.00AM-4.00PM

**Venue** : B.Sc Lab

**Target Group** : B.Sc II & III year Statistics Students

**Faculty Coordinator** : Mrs.R.Sravani

**Student Coordinators:** 1.Ms. G.Vidhru Madhuri (III B.Sc Ms.Cs)  
2.Ms.K.Ganga Bhavani (II B.Sc Ms.Cs)

**Objective: The main objective of this workshop is to give the  
Hands on Training.**

**Report** :In this workshop we conducted three sessions .

### **Session-I**

In the session-1 introduction toTableau Products,Installation, Environment.Different type charts,formatting the graphs-colour,size using country GDPexample.

### **Session-II**

In session –II students learn about how to Building Basic Visualizations using CaseStudy – Credit Risk: Problem Statement andBackground, Factors that influence the creditscore, Data Importing, variable transformations,crating bins and its edit and calculated fields.Data Exploration: Univariate Analysis:categorical and numerical variables, calculatedfiled creation, Bi-variate analysis: Target vs. Restof the variables.



### Session-III

In final session –III students learn about Multivariate Analysis: Dashboard environment, Creating Dashboard, Use as filter option, Dashboard on the Server. Advanced Visualizations using Case Study-Brazil Ecommerce Dataset: Data automatic and user defined modelling, Change the role of variables, creating hierarchies, working with timeseries data, date functions, Aggregations, working with geographical variables, Grouping on Map, Substrings, String concatenation and word cloud. From this work shop 54 students were benefited.

**Best Performer: Mohammad Humaira (III B.Sc Ms.Cs)**

### Photo Gallery:





**Outcome:**

The Students have improved their thinking ability, Practical Knowledge and time management.

# These are the some News papers



## గణిత శాస్త్రంపై వర్క్ షాప్



ఏలూరు, మేజర్ న్యూస్ : గణాంక విశ్లేషణ అనేది అనువర్తిత గణిత శాస్త్రంలో ఒక విభాగం. ఇది నమూనాలు పోకడలను వివరించడానికి,

శాస్త్రీయమైన అభిప్రాయాలు ముగింపులను రూపొందించడానికి పడుతుందన్నారు. డాక్టర్ కె. శ్రీనివాస్, స్టార్లింగ్ ఫర్ సాఫ్ట్వేర్ సొల్యూషన్స్ కి చెందిన డేటా సైంటిస్ట్ డాక్టర్ కె. శ్రీనివాస్ స్థానిక సెయింట్ తెరెసా స్వయం ప్రతిపత్తి కళాశాలలో గణిత శాస్త్ర విభాగం వారు నిర్వహించిన వన్డే వర్క్ షాప్ లో పాల్గొని ప్రసంగించారు. కళాశాల ప్రిన్సిపల్ డాక్టర్ సిస్టర్ మెర్సీ పాల్గొని విద్యార్థినిలు ఇలాంటి వర్క్ షాప్ ల ద్వారా సంబంధిత విషయాలలో లేటెస్ట్ డెవలప్మెంట్లను తెలుసుకోవచ్చు అన్నారు. వర్క్ షాప్ లో మ్యాథమెటిక్స్ విభాగాధిపతి గోపీనాథ్, అధ్యాపకులు విద్యార్థినులు పాల్గొన్నారు. వర్క్ షాప్ లో పాల్గొన్న వైస్ చీఫ్ ప్రిన్సిపల్ సిస్టర్ మరియా క్రిస్టియా నిర్వాహకులను అభినందించారు.



- ఏలూరు ఎడ్యుకేషన్ : గణాంక విశ్లేషణపై శనివారం సెయింట్ థెరిస్సా మహిళా కళాశాలలో ఒకరోజు వర్క్ షాపు జరిగింది. డేటా ఎనలిస్టు శ్రీనివాస్ గణాంక విశ్లేషణ, పరిశోధన, వివరణలు, అనువర్తిత గణిత నమూనాలు, సర్వే అధ్యయనాలపై విద్యార్థినులకు వివరించారు.

## OCTOBER REPORT

Department of Mathematics and Statistics

### Report on Two Day Workshop

Name of the Event : Two Day Workshop on

MATLAB- APPLICATIONS

Resource Person :

Dr.K.Srinivasa Rao Professor of Mathematics

Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya Enathur,

Kanchipuram Tamilnadu,India Email: raokonda@yahoo.com

**Contact Number: 096666 95525/8870688896**

**Mail ID : raokonda@yahoo.com**

**Date : 9<sup>th</sup> & 10<sup>th</sup> September 2023**

**Time : 9.00AM-4.00PM**

**Venue : B.Sc Lab**

**Target Group : B.Sc III year Mathematics Students**

**Faculty Coordinator : 1.Mrs.P.Poojitha**

**2.Mrs.G.Jyothi**

**Student Coordinators: 1. Ms. K.Bhavana (III B.Sc MPC)**

**2. Ms.P.Vijaya Pallavi (III B.Sc MP.Cs)**

### **Objective:**

**The main objective of this workshop is to give the Hands on Training.**

**Report :**In this workshop we conducted four sessions .

On 9<sup>th</sup> October 2023 conducted work shop, on that work shop four sessions are organised with lots of information regarding with the students.

#### **Session-I**

Getting started with MATLAB Pre-defined MATLAB functions Formatting Techniques Handling of Arrays Worksheet-I

#### **Session-II**

Handling of matrices Linear Algebra concepts Eigen values and Eigen vectors Solution of a system of equations Worksheet-II and II

#### **Session-III**

Plotting techniques 2-D plotting-Overlay plotting Sub-plot techniques Editing plots from the menu bar Worksheet-IV and V

## Session-IV

Pie charts-Bar charts and Histograms 3-D plotting Mesh and Surf Worksheet-VI and VII.

On 10th October again four sessions are organized with digital information regarding with the students.

## Session-I

Interpolation Techniques 2-D interpolation, 3-D interpolation using in-built functions, Exercises.

## Session-II

MATLAB Programming, Handling of M-files, Basics of MATLAB programming, Exercises.

## Session-III

Numerical Integration, Trapezoidal Rule, Simpson's-1/3rd and 3/8th rule Exercises.

## Session-IV

Differential Equations, Solution of ODE using in-built functions, Solution of ODE- Programs, Euler's and R-K methods.

## Photo Gallery:





**Outcome:**

The Students have improved their thinking ability, Practical Knowledge and time management and they got knowledge how the problems solved by using MATLAB, around 130 students were benefited by using MATLAB WORK SHOP.

**These are the some News paper clippings**

**సెయింట్ ఆన్స్ లో మాథ్ లాబ్ గణిత వాస్తవాలపై సదస్సు**

ఏలూరు, షేజర్ స్కూల్ : మాథ్ లాబ్ గణిత వాస్తవాల, సూత్రాల అభ్యాసాలను వాస్తవ జీవితంలో అర్థం చేసుకోవడానికి విద్యార్థులను అవకాశాన్ని ఇస్తుంది. ఇది జ్ఞానాన్ని సులభతరం చేసి మనస్సు, చేయి రెండింటిని సమన్వయం చేసుకునే అవకాశం కల్పిస్తుంది. ఇది నేర్చుకోవడానికి బహుళ-సెన్సరీ విధానం అన్నారు డాక్టర్ కె క్రీనివాస్. తమిళనాడులోని ఎస్ సీఎం మహా విద్యాలయ కి రెండు ప్రాఫెసర్ కె క్రీనివాస్ సైనిక సెయింట్ థెరిసా మహాస్వయం ప్రతివత్తి కళాశాలలోని మ్యాథ్ మెట్రిక్స్ అండ్ స్టాటిస్టిక్స్ విభాగం వారు నిర్వహించిన రెండు రోజుల వర్క్ షాప్ లో ముఖ్యఅతిథిగా పాల్గొని ప్రసంగించారు. గణిత శాస్త్ర విభాగాధ్యక్షుల గోపీనాథ్ మాట్లాడుతూ గణిత ప్రయోగశాల అనేది ఎవరినా సమూహాలు ఆలోచనలను ప్రయోగాలు చేసి అన్వేషించగల ప్రదేశం అన్నారు. ఈ కార్యక్రమాన్ని మ్యాథ్ మెట్రిక్స్ అండ్ స్టాటిస్టిక్స్ విభాగాధ్యక్షుల గోపీనాథ్ అధ్యక్షులలో అధ్యాపకులు దుర్గ, హాజిత, కార్యక్రమం కోపినాథ్ అధ్యక్షులలో అధ్యాపకులు దుర్గ, హాజిత, దుర్గా దేవి లు నిర్వహించారు. నిర్వాహకులను కళాశాల క్రీస్టియన్ డాక్టర్ సిస్టర్ మెన్సి, వైస్ చ్రీస్టియన్ సిస్టర్ మరియా క్రీస్టియా, కంప్యూటర్ అఫ్ ఎగ్జామినేషన్స్ సిస్టర్ సుశీల అధ్యాపకులు ఆధిపతించారు.

**ఆంధ్రపక్ష**

సెయింట్ థెరిసాలో మ్యాథ్ వర్క్ షాప్

సూత్రాలు అభ్యాసాలను వాస్తవ జీవితంలో అర్థం చేసుకోవడానికి విద్యార్థులకు మంచి అవకాశాన్ని ఇస్తుందని, జ్ఞానాన్ని సులభతరం చేసి మనసు చేయి రెండింటిని సమన్వయం చేసుకునే అవకాశం కల్పిస్తుందని అది నేర్చుకోవడానికి బహుళ-సెన్సరీ విధానం అన్నారు. అనంతరం కళాశాల ప్రెసిడెంట్ డాక్టర్ మెరిసి మాట్లాడుతూ అప్లికేషన్ ఆఫ్ మాథ్స్ అంకంపై మ్యాథ్ మెట్రిక్స్ అండ్ స్టాటిస్టిక్స్ విభాగం వారు రెండు రోజులు పాటు ఈ వర్క్ షాప్ ను విద్యార్థులకు మాథ్ ల్యాబ్ పై అవగాహన కలిగించే కంప్యూటర్ ద్వారా మాక్సిమం నిత్య జీవితంలో ఏ విధంగా సులభతరం చేయవచ్చని అంకంపై శిక్షణ ఇస్తారు తెలిపారు. ఈ కార్యక్రమంలో మ్యాథ్ మెట్రిక్స్ అండ్ స్టాటిస్టిక్స్ విభాగ అధ్యక్షుల గోపీనాథ్, దుర్గ, హాజిత ఇతర ఉపాధ్యాయులు విద్యార్థులు పాల్గొన్నారు.

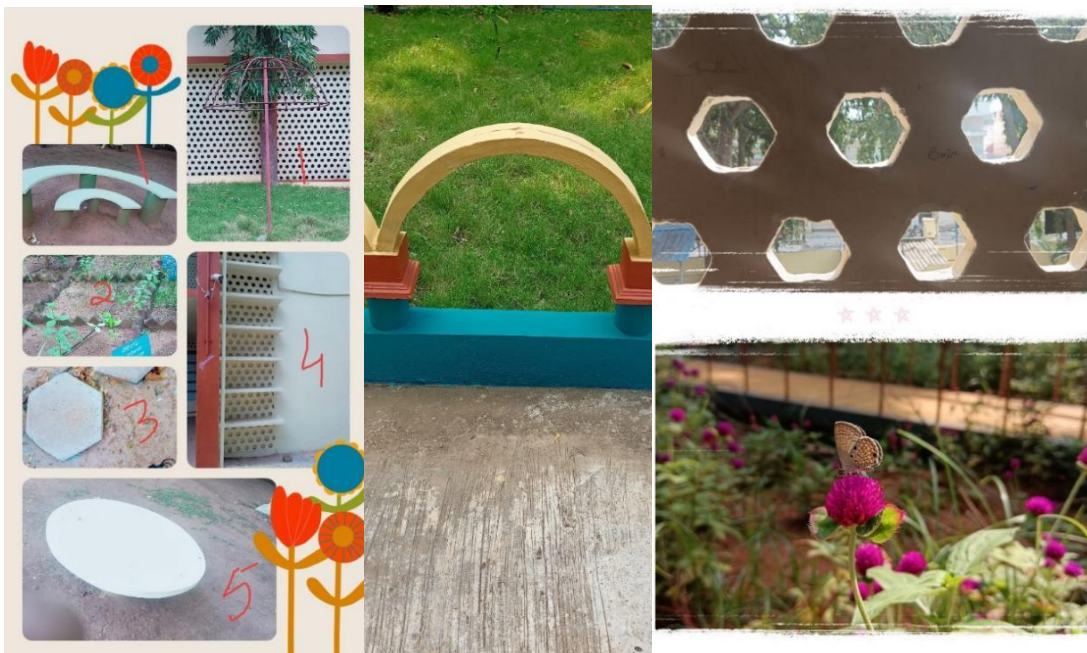
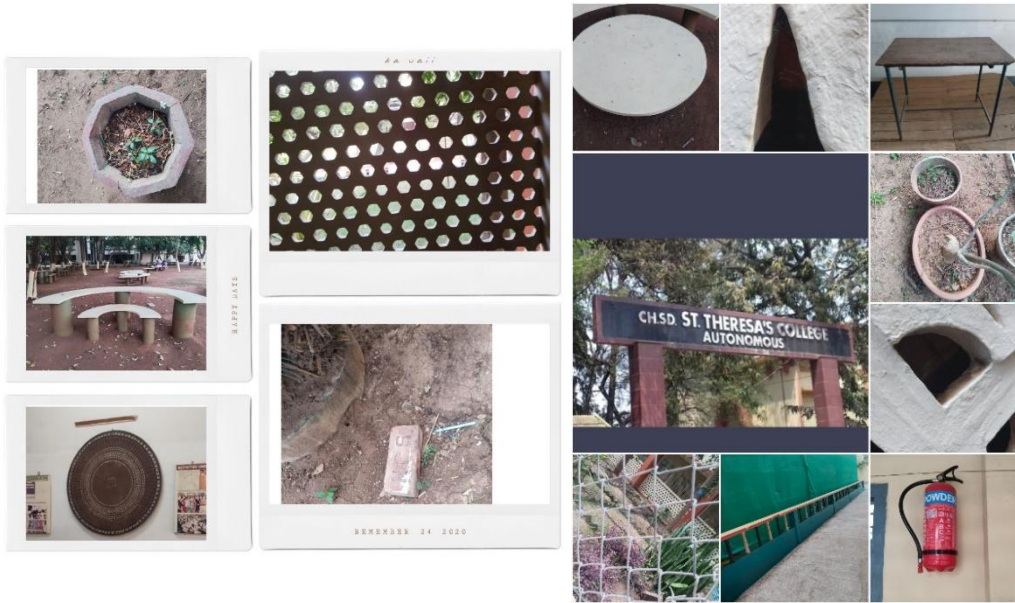
**మ్యాథ్స్ ల్యాబ్ తో నూతన గణిత ఆవిష్కరణలు**

ఏలూరు ఎడ్యుకేషన్, అక్టోబరు 10: గణిత వాస్తవాల, సూత్రాల అభ్యాసాలను సులభతరంగా అర్థంచేసుకోవడానికి మ్యాథ్స్ ల్యాబ్ ఉపకరిస్తుందని తమిళనాడు ఎస్ సీఎం మహావిద్యాలయ ప్రొఫెసర్ కె.క్రీనివాస్ అన్నారు. సెయింట్ థెరిసా మహిళా కళాశాలలో జరుగుతున్న వర్క్ షాపులో మంగళవారం ఆయన మాట్లాడారు. కంప్యూటర్ ద్వారా మ్యాథ్స్ ల్యాబ్ లో ఉపయోగాలపై అవగాహన కల్పించారు. కళాశాల మ్యాథ్స్ హెచ్ ఏ డి గోపీనాథ్ మాట్లాడుతూ గణిత నమూనాలు, అలోచనలను మ్యాథ్స్ ల్యాబ్ లో ప్రయోగాలు చేసి అన్వేషించడానికి వారధిలా పనిచేస్తుందన్నారు. ప్రెసిడెంట్ మెర్సి వైస్ ప్రెసిడెంట్ సిస్టర్ మరియా క్రీస్టియా, సిస్టర్ సుశీల, గణిత అధ్యాపకులు దుర్గ, హాజిత, దుర్గాదేవి, తదితరులు పాల్గొన్నారు.

DECEMBER

NATIONAL MATHEMATICS CELEBRATIONS On the Eve of National Mathematics Day Celebrations ,Department of Mathematics and Statistics conducted Photo Math Contest with the topic **Maths in the Campus.**









**Magic square** programme conducted by the Mathematics students.



**“National Youth Day”**

**A.Y.-2023-24**

**Date: 12<sup>th</sup> Jan., 2024**

The Department of Mathematics and Statistics at Ch.S.D.St.Theresa's College for Women actively participated in the celebrations organized by the Institution Innovation Council (IIC) by hosting a special event in honor of "National Youth Day," which took place on the 12th of January 2024.



Addressing the gathering, Principal Dr. Sr. Mercy P emphasized the importance of such events as sources of inspiration and conduits for spreading a crucial message regarding the value of having a strong vision. She highlighted the significance of nurturing the youth to make meaningful contributions to both Indian society and the global community.



Providing further insight, Mr. Gopinath, the Head of the Department of Mathematics and Statistics, underlined the significance of events like the National Youth Day celebration in honoring and encouraging young individuals. He drew attention to the fact that National Youth Day, also known as Vivekananda Jayanti, is a day dedicated to commemorating the birth anniversary of the revered Hindu monk, Swami Vivekananda, and serves as a significant occasion to celebrate his teachings and philosophy. The event served as a platform to inspire and empower the youth, reminding them of the profound impact they can make by embodying values of dedication, service, and enlightenment, as exemplified by figures like Swami Vivekananda. Through such commemorative events, the college aims to instill a sense of purpose and responsibility within the younger generation, nurturing them to become future

leaders who drive positive change and contribute meaningfully to society. In this event the departmental members P.Poojitha,G.Jyothi and R.Sravani are participated.

## Career Talk”

**A.Y.-2023-24**

**Date: 29<sup>th</sup> FEB., 2024**

Career Talk by Placement cell and Department of Mathematics and Statistics in collaboration with District Department of Employment and Training, organized a significant event known as the "Career Talk" featuring distinguished guests from the Department of Employment and Training. The esteemed speakers included Smt V Himabindu, Deputy Director from the Government of Andhra Pradesh, Sri Rammohan Reddy, Regional Employment Officer, and Sri C Madhubhushan, District Employment Officer from Eluru. Additionally, Sri G Praveen Krishna, a Young Professional also participated in the event alongside Smt V Varalakshmi and Sri Brahmanandam, who serve as Employment Officers in VG and Vijayawada, respectively.



Further enriching the Career Talk session, representatives from the Department of Youth Services shared valuable insights. Among them were Sri MD Meher Raj, the CEO of Setwel in Eluru, Sri Satyanarayana, the Setwel Manager, and J Kennedy, the Superintendent of Setwel in Eluru from the Department of Employment and Training of the Andhra Pradesh State Government. This event aimed to provide crucial guidance and information to graduating students as they transition to the next phase of their careers. Dr.Sr. Mercy. P Principal said such type of wisdom session will inspire women on whom the whole generation relies.



In this event the departmental members P.Poojitha,G.Jyothi and R.Sravani are participated.

## **FEBURAVARY**

### **Science day celebrations**

On the occation of “ **National Science day** “ celebrations there were Poster ,Models displayed by Mathematical students ,they were shown their creative ideas and knowledge in posters and Models.

From different school childerns were visited our college on **National Science day** ,they around 200 to 250 students visited actively and happly they respond ,Mathematics plays abig roll in Every day life like Yoga Asan,shops,Dance ,Traffic signals etc..

In this event Mr. Gopinath, the Head of the Department of Mathematics and Statistics and the departmental members P.Poojitha,G.Jyothi and R.Sravani are participated.