



In Celebration of the GOLDEN JUBLIEE of Siddhartha Academy of
General & Technical Education(1975-2025)

Report on the Workshop
“ENHANCING MATHEMATICS LEARNING WITH GEOGEBRA”
Organized by
Department of Mathematics

Day & Date: Friday 1-08-2025

Venue: Computer Lab(Room No.305)

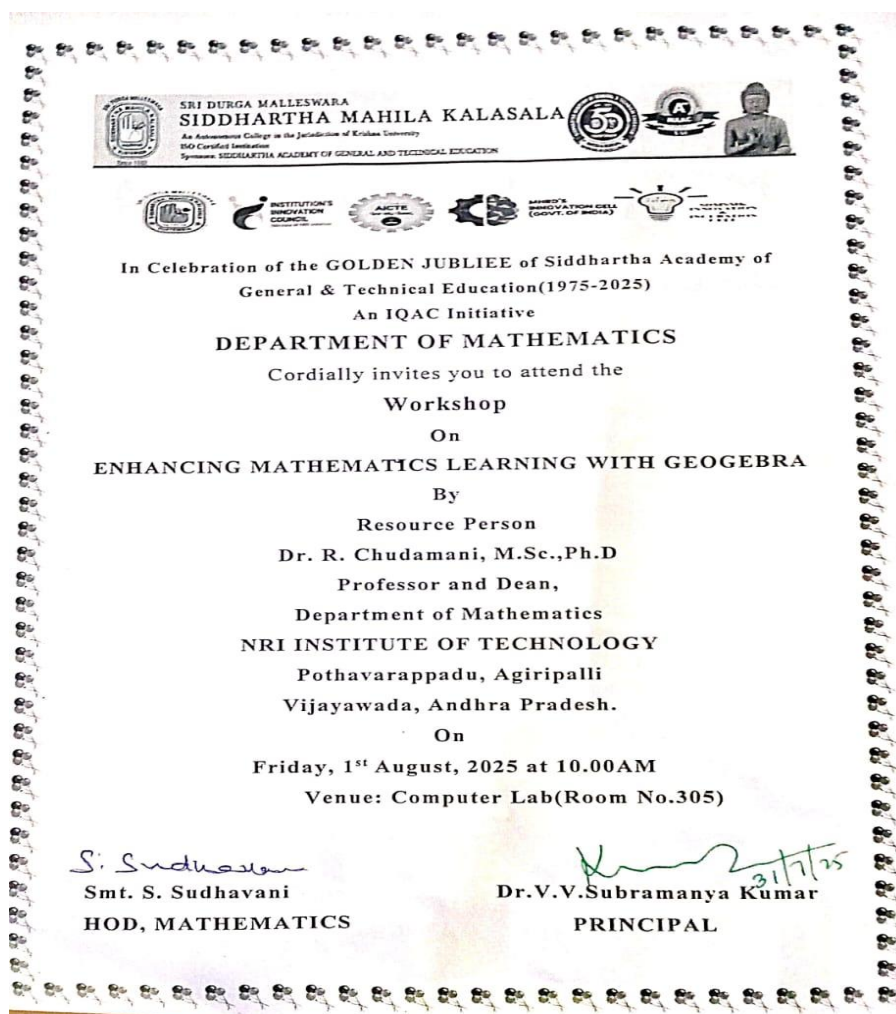
Time: 10:00AM-12.00PM

PARTICIPANTS: Students of II B.Sc Honours Mathematics and
III B.Sc Honours Mathematics

RESOURCE PERSON:Dr. R. Chudamani, M.Sc.,Ph.D

Professor and Dean,
Department of Mathematics
NRI INSTITUTE OF TECHNOLOGY
Pothavarappadu, Agiripalli
Vijayawada, Andhra Pradesh.

INVITATION:



PROGRAMME SCHEDULE FOR Workshop		
S.NO	PROGRAMME PARTICULARS	TIME
1	Greetings	10.00-10.05 AM
2	Welcoming the Resource Person	10.05-10.10 AM
3	Prayer Song	10.10-10.15 AM
4	Bio-Data of Resource Person	10.15-10.20 AM
5	Principal opening marks	10.20-10.25 AM
6	Resource Person Talk	10.25-12.25 PM
7	Vote of Thanks	12.25-12.30 PM

OBJECTIVE: To equip students with practical skills and pedagogical strategies for using GeoGebra as a dynamic tool to visualize and explore mathematical concepts, thereby enhancing the learning experience in mathematics.

WORKSHOP HIGHLIGHTS

- The Department of Mathematics organized a one-day workshop titled “*Enhancing Mathematics Learning with GeoGebra*” on 1st August 2025. The workshop aimed to promote interactive and visual learning, benefiting both students and faculty. Dr. R. Chudamani from NRI IT served as the resource person and led the session with her expertise in mathematical visualization and digital pedagogy.

WELCOMING THE RESOURCE PERSON

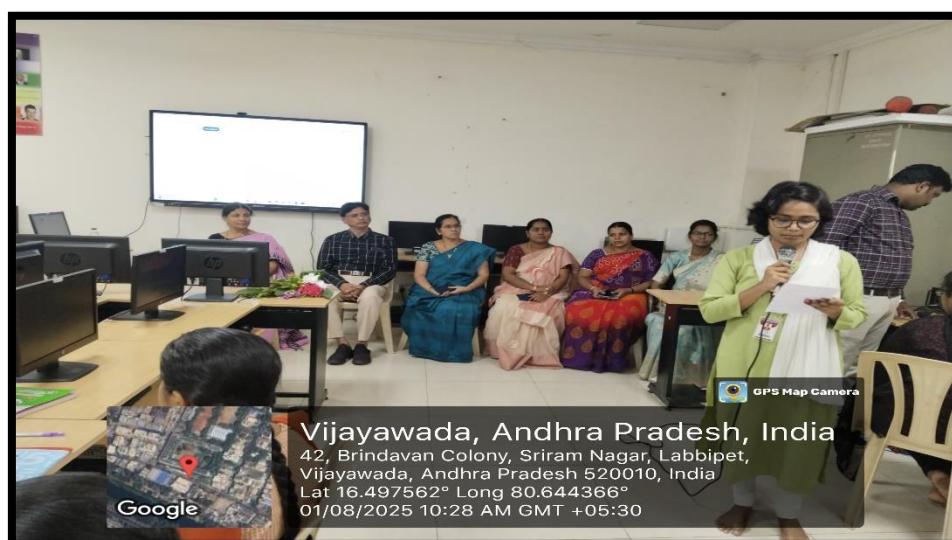


PRAYER SONG BY THE STUDENT



BIO-DATA OF RESOURCE PERSON

- Dr.R.Schudamani is currently working as a Professor & Dean, Department of Mathematics at NRI institute of technology
- She had 30 years of teaching experience.
- Sha has published Research papers in many National and International Journals.
- She has given Guest Lectures in various colleges.
- She has done 5 NPTEL online courses on different topics.
- She has organized & attended many seminars & Workshops.



PRINCIPAL OPENING MARKS

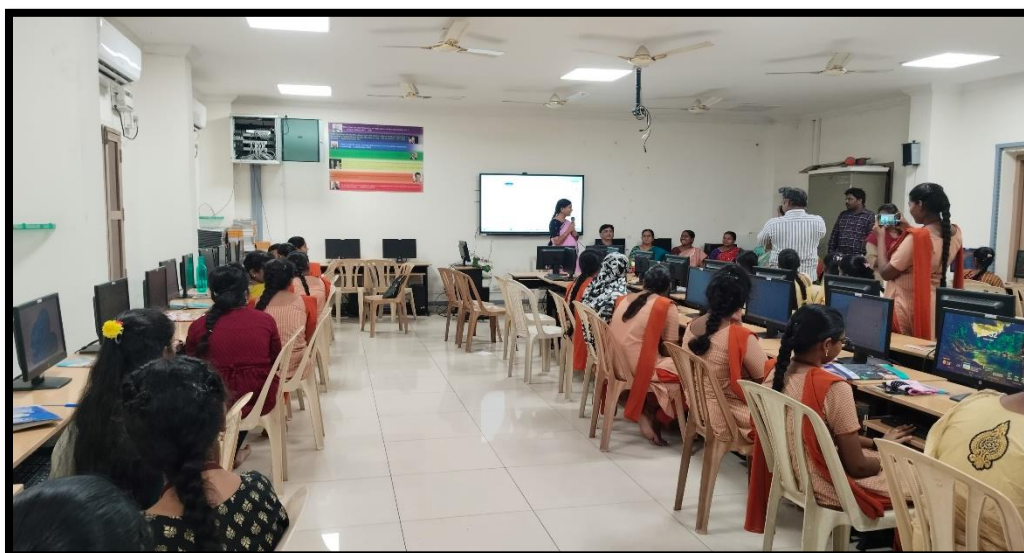


RESOURCE PERSON TALK



KEY POINTS COVERED:

- The workshop featured both demonstrations and hands-on training sessions that enabled students to practically explore GeoGebra tools. The following key areas were covered:
- **Introduction to GeoGebra Interface:** Basic navigation and understanding of available tools
- **Point and Line Construction:** Plotting points, drawing lines, and constructing line segments.
- **Perpendicular Bisector:** Step-by-step construction of perpendicular bisectors and their properties.
- **Circle and Polygon Tools:** Drawing circles with defined radius or through points, and creating regular polygons.
- **Geometric Figures:** Exploring the properties of triangles, quadrilaterals, and their angle measurements.
- **Graph Plotting:** Visualizing functions and equations, plotting linear and quadratic graphs.
- **Probability Simulations:** Use of sliders and random number generators to simulate simple probability experiments.



Throughout the session, students actively engaged in each task and clarified their doubts during the live demonstrations.

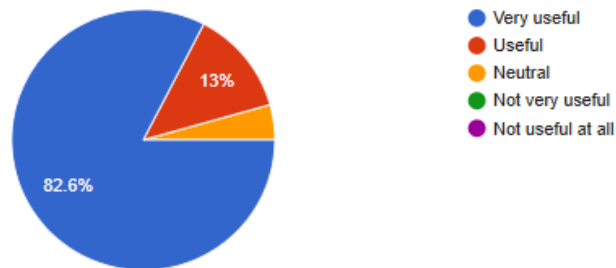
CONCLUSION: The workshop successfully demonstrated how GeoGebra can be used as an effective teaching aid to visualize and explore mathematical concepts. Both faculty and students benefited from the interactive hands-on approach adopted during the session. The resource person's clear explanations and practical orientation made the workshop highly informative and engaging. Feedback from the participants reflected their enthusiasm and interest in integrating GeoGebra into regular teaching-learning practices.



FEEDBACK FROM STUDENTS

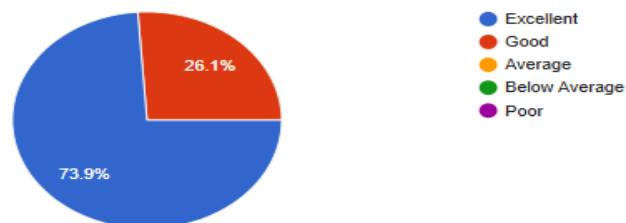
How useful was the workshop in enhancing your understanding of GeoGebra and its classroom applications?

23 responses



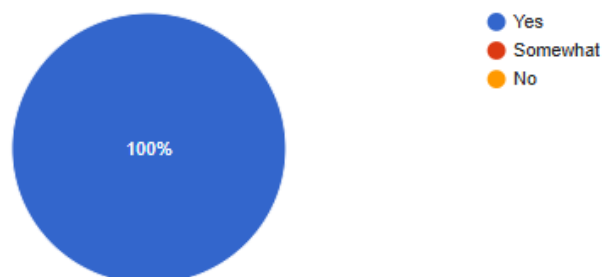
Rate the effectiveness of the resource person in delivering the session and demonstrating GeoGebra tools.

23 responses



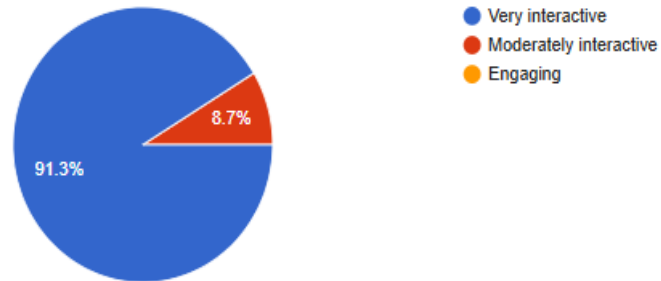
Do you feel more confident in using GeoGebra for teaching or learning mathematics after attending this workshop?

23 responses



Was the session interactive and engaging?

23 responses



What was the most useful take way from the workshop?
The following are the different answers from the students

Useful for career

Graph

Understanding mathematics in many ways

In alegera methods

Project works

Knowledge on geogebra

Georgebra is very new topic for us which made us to listen careful we feel that it was very useful for us . Overall the workshop was good and interesting and new topic.

Graphit

Knowledge on geogebra

ATTENDANCE SHEET

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DEPARTMENT OF MATHEMATICS				
Workshop -ENHANCING MATHEMATICS LEARNING WITH GEOGEBRA				
Resource Person: Dr. R. Chudamani, M.Sc.,Ph.D				
DATE:1.8.2025(FRIDAY) TIME:10.00AM				
S.NO	ROLL NO	CLASS	STUDENT NAME	STUDENT SIGNATURE
1.	233133S	II - Maths	B. Gayathri	B. Gayathri
2.	233150S	III - Maths	V. Mohanapriya	V. Mohanapriya
3.	233139S	III maths	K. Himavathi	K. Himavathi
4.	233146S	III maths	N. Tulasi	N. Tulasi
5.	233135S	II maths	C. Bhavya sri	C. Bhavya sri
6.	233103S	III maths	MD. Ramefunnisa	Ramefunnisa MD.
7.	233152S	III Maths	V. Susapna Latha	V. Susapna Latha
8.	233149S	III Maths	S. Anitha	S. Anitha
9.	233102S	III Maths	K. Aruna	K. Aruna
10.	233104S	III Maths	N. Jyothi	N. Jyothi
11.	233134S	III maths	Ch. Uma	Ch. Uma
12.	233151S	III. maths	V. Akhila	V. Akhila
13.	233138S	III Maths	T. Dillewarani	T. Dillewarani
14.	233140S	III Maths	K. Himavathi	K. Himavathi
15.	233147S	III Maths	P. Durga	P. Durga
16.	233137S	III Maths	G. Anubha	G. Anubha
17.	233148S	III Maths	R. Navya sri	R. Navya sri
18.	233144S	III maths	N. Malanika	N. Malanika
19.	233142S	III Maths	L. Anusha	L. Anusha
20.	233131S	III maths	A. Sravanthi	A. Sravanthi
21.	233145S	III maths	N. Rupika	N. Rupika
22.	233136S	III maths	G. Kalyani	G. Kalyani
23.	233101S	III Maths	D. Sravani	D. Sravani
24.	243155S	II Maths	U. Jaya sri	U. Jaya sri

