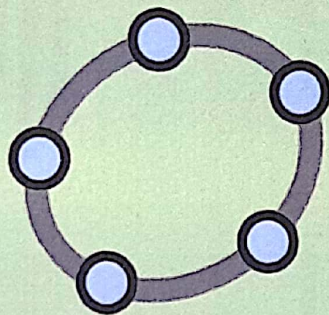


DEPARTMENT OF
MATHEMATICS

Organizes
Skill Enhanced Workshop
on

"GeoGebra-
From Equations to
Graphics"

In Association with IQAC,
RCASC



GeoGebra

Program Coordinator

Ms.Vinutha M

HoD

Mrs.Haritha A

Principal

Dr.Pushpa H

Resource person

Dr.Srikantha N

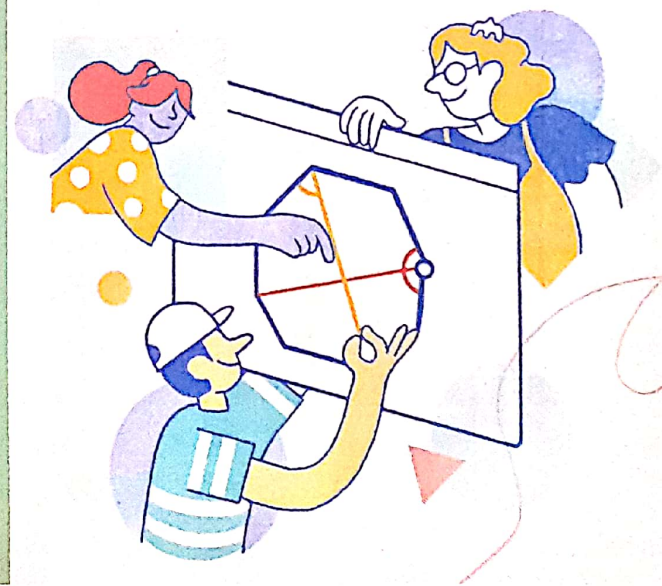
MSRIT

Program Schedule

Date: 03rd April 2025

Time: 10:30 AM

Venue: Room No.411



MSRCASC/MATH_CA/2024-25/005

Date: 29/03/2025

CIRCULAR

DEPARTMENT OF MATHEMATICS

This is to inform that, Department of Mathematics is organizing One day Skill Enhanced Workshop on “GeoGebra-From Equations to Graphics” on 03rd April 2025 for the students of B.Sc.(EMCs), between 11.00 AM and 2:00 PM and it is compulsory.



HOD

Department of Mathematics
M S Ramaiah College of Arts, Science &
Commerce-Autonomous
Bangalore - 560 054



PRINCIPAL

Principal
M.S.Ramaiah College of Arts, Science &
Commerce-Autonomous
MSRIT POST, MSR Nagar
Bengaluru - 560 054

DEPARTMENT OF MATHEMATICS
REPORT ON SKILL ENHANCED WORKSHOP
“GEOGEBRA-FROM EQUATIONS TO GRAPHICS”

Event details:

- **Date :** 03rd April 2025
- **Venue:** Room No. 411.
- **Participants:** B.Sc.(EMCs) students.
- **Resource:** Dr.Srikantha N
- **Event Coordinator:** Ms.Vinutha M

Objective: The primary objectives of

- To equip participants with the knowledge and practical skills
- To effectively use GeoGebra as a dynamic mathematics software for teaching and learning mathematical concepts
- To enhancing visualization, interactive exploration, and conceptual understanding in topics such as geometry, algebra, calculus, and statistics.

Event Overview:

Department of Mathematics organized one day Skill Enhanced workshop on “GeoGebra-From Equations to Graphics” on 03rd April 2025 for the students of B.Sc.(EMCs) in Room 411 from 9.30 AM and 4:00 PM. The Skill Enhanced workshop was inaugurated The resource person to the workshop was Dr. Srikanth N, Assistant Professor, Dept. of Mathematics, MSRIT, Bengaluru.

The program started by registration of participants of B.Sc.(MCs) at 09.00 am followed by the inauguration and then the sessions began. The students were given tea break in between the sessions.

The Workshop is designed to introduce participants to the powerful features of GeoGebra, a dynamic mathematics software that integrates geometry, algebra, calculus, and statistics into a single, easy-to-use platform. This hands-on training aims to promote the effective use of technology in mathematics education, enabling educators and students to explore mathematical concepts through interactive visualizations and simulations.

Throughout the workshop, participants learnt how to create and manipulate mathematical constructions, use built-in tools to model real-life scenarios, and design engaging teaching resources. The session will also highlight best practices for integrating GeoGebra into classroom teaching to improve student understanding and engagement.

This workshop is ideal for educators, pre-service teachers, and students who are keen to enhance their digital skills and embrace innovative methods for teaching and learning mathematics.

In the workshop students learnt about

Introduction to GeoGebra

- Overview of the GeoGebra interface
- Understanding tools and basic operations
- Real-time demonstrations

GeoGebra for Geometry

- Creating geometric constructions
- Exploring properties of shapes dynamically
- Interactive tasks for participants

Algebra and Functions in GeoGebra

- Plotting graphs and analysing functions
- Linking algebraic and graphical representations
- Classroom use-cases

Advanced Applications Using sliders and animation

- Dynamic worksheets and applets
- Modelling real-life mathematical problems

After these sessions, there was an interactive session. During the interactive session, students inferred an opinion that they were benefitted by this orientation. They also told that this Skill Enhanced workshop was of immense help to acquire more knowledge about math practical's. The last session was Valedictory. During the Valedictory function, Vice Principal presided over the function and the program was concluded by thanking each and every one who made this occasion a grand success.

Outcome:

Participants will gain confidence in using GeoGebra for both teaching and learning, understand its practical classroom applications, and develop resources that can be immediately implemented in their own educational environments.

Signature of the faculty in charge:

(Ms. Vinutha M) *Vinutha M*



HOD

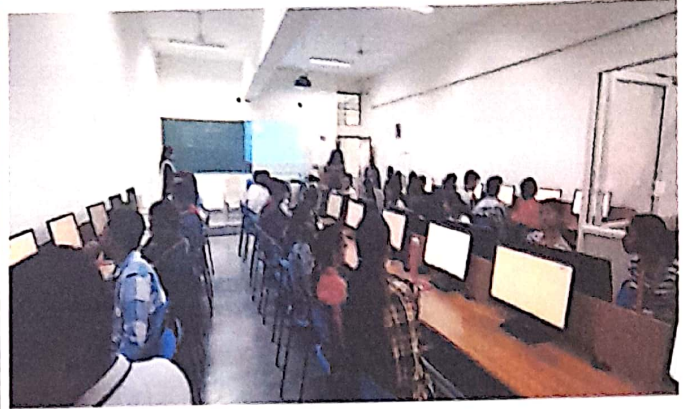
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Photos of Workshop



[Signature]

HOD

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M S RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE- AUTONOMOUS

Department of Mathematics

Organizes

Workshop on "Geogebra-From Equations to Graphics"

Attendance Sheet

Date: 03/04/2025

Sl.No	Name of the participants	UUCMS No.	Class	Signature
1	Arumimavijesh V	U18EV22S0344	BSc Mcs VI	<i>[Signature]</i>
2	Samanwita sharma	U18EV22S0042	VI	<i>[Signature]</i>
3	Kankana Hanna	U18EV22S0375	VI	<i>[Signature]</i>
4	Bramhini .p	U18EV22S0031	VI MCS	<i>[Signature]</i>
5	AKSHARA .S	U18EV22S0342	VI MCS	<i>[Signature]</i>
6	Lakshmi priya .G	U18EV22S0047	VI	<i>[Signature]</i>
7	Pranavi Manoharan	U18EV22S0033	VI	<i>[Signature]</i>
8	Sai Keethana	U18EV22S0368	VI	<i>[Signature]</i>
9	Divya Karan	U18EV22S0241	BSc VI	<i>[Signature]</i>
10	Rahul .D. Rao	U18EM22S0055	BSc VI	<i>[Signature]</i>
11	Abubli Raza	U18EV22S0034	VI	<i>[Signature]</i>
12	Keshav Pradya	U18EV23S0133	IV MSC	<i>[Signature]</i>
13	Navan S	U18EV23S0163	IV MSC	<i>[Signature]</i>
14	dashik kumar p	U18EV23S0113	IV MCS	<i>[Signature]</i>
15	Rajveer Singh	U18EV23S0130	IV MCS	<i>[Signature]</i>
16	Raman	U18EV23S0290	IV MCS	<i>[Signature]</i>
17	Tejashwini .N	U18EV23S0168	IV MCS	<i>[Signature]</i>
18	Kavya M R	U18EV23S0177	IV MCS	<i>[Signature]</i>
19	Aleena Taison	U18EV23S0002	IV MCS	<i>[Signature]</i>
20	Nanditha .PS	U18EV23S0096	IV MCS	<i>[Signature]</i>
21	Renuka Tharun .k	U18EV23S0098	IV MCS	<i>[Signature]</i>
22	Ritik Prasad	U18EV23S0153	IV MCS	<i>[Signature]</i>
23	Lokendra Kar	U18MB24S0058	IIIndsem EMCS	<i>[Signature]</i>
24	Cybil Warren N	U18MB24S0040	IIIndsem EMCS	<i>[Signature]</i>
25	Aswathi .P.V	U18MB24S0082	IIIndsem EMCS	<i>[Signature]</i>

9/13

Shirley H