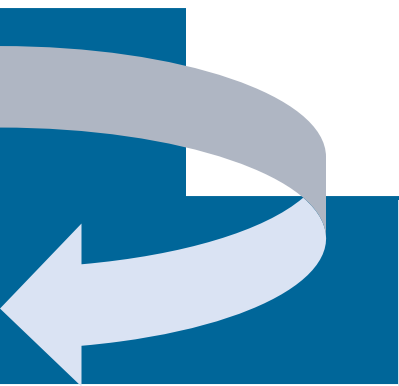




Dynamic Mathematics using GeoGebra

Summary Report 2023-24



The course started on November 2023. There were 68 students enrolled and completed the course. The course was of 30 hrs duration. The course included theory classes and Practical Classes.

Course Outcome:

After completing this course, students will be able to:

C01: Use GeoGebra's tools to construct and manipulate geometric figures and transformations.

C02: Apply GeoGebra to visualize and analyze concepts in geometry, calculus, and statistics.

C03: Create interactive mathematical models using GeoGebra's dynamic features.

C04: Use GeoGebra to verify mathematical theorems and explore geometric relationships.

Evaluation

Participants will be assessed on practical assignments and tests after the completion of course.

There will be both lab work and assignments.

Target Audience:

III year Degree Students

Course Coordinator: Dr. Seena V.



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DEPARTMENT OF MATHEMATICS

CERTIFICATE COURSE ON DYNAMIC MATHEMATICS USING GEOGEBRA

COURSE DETAILS

Eligibility : Plus Two
Duration : 3 Months
Total Hours : 30

Course Coordinator: Dr. Seená V

LEARNING OUTCOMES

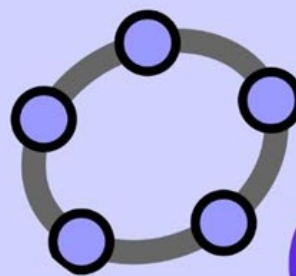
- To understand the basic usage of Geogebra
- To acquire the skill to construct dynamical graphs for demonstrating some of the fundamental concepts in analytical geometry and linear algebra
- To construct their own graphical models

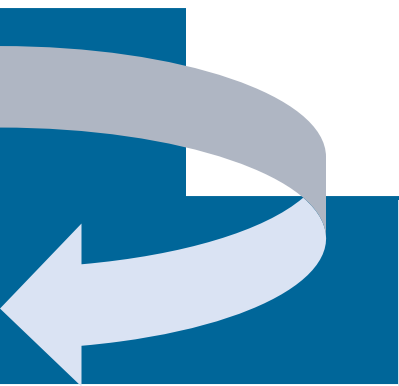
COURSE OUTLINE

Module 1 : Introduction to Geogebra

Module 2 : Geometry and Algebra
using Geogebra

Module 3 : Analysis using Geogebra







Attendance Record of Mathematics

Sl. No.	Name of the Student	Certificate Course on Dynamic Geometry														
		20/11/23 (2 hrs)	27/11/23 (2 hrs)	8/12/23 (3 hrs)	16/12/23 (3 hrs)	15/12/23 (2 hrs)	9/12/24 (3 hrs)	12/12/24 (2 hrs)	19/12/24 (2 hrs)	26/12/24 (2 hrs)	5/1/25 (2 hrs)	12/1/25 (2 hrs)	19/1/25 (2 hrs)	26/1/25 (2 hrs)	2/2/25 (2 hrs)	9/2/25 (2 hrs)
1.	AARONE SHAJI	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2.	ABHIYA BENNY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3.	ABISHEK M S	X	X	X	A	X	X	X	X	X	X	X	X	X	X	X
4.	ADORN JOE BOBBY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5.	ALEENA E.D	X	X	A	X	X	X	X	X	X	X	X	X	X	X	X
6.	ALEN KRISHNA TR	X	X	X	X	A	X	X	X	X	X	X	X	X	X	X
7.	ALINA FRANCIS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8.	ALOYSIUS RAPHY	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X
9.	ALPHA JOHN	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
10.	AMALKRISHNA NA	X	A	X	X	X	X	X	X	X	X	X	X	X	X	X
11.	ANASWARA DILIP P	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12.	ANEENA E T	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13.	ANGEL VARGHSE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
14.	ANITA JOSE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
15.	ANMARIYA JACKSON	X	X	A	X	X	X	X	X	X	X	X	X	X	X	X
16.	ANNMARIYA LALU	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17.	ANSON JOSEPH PHILIP	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18.	ANDROSE P S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19.	ASWATHY ANAND	X	A	X	X	X	X	X	X	X	X	X	X	X	X	X
20.	ASWIN DEV VS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21.	ASWIN KU	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
22.	ATHUL KRISHNA K.A	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X
23.	ATHUL N A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
24.	BINSO BIJU	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
25.	DHARSHANA A.V	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26.	DIYA DENNY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27.	FATHIMA NUSRIN A.A	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28.	GIFTY ROSE GEORGE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29.	GOPIKRISHNAN P.G	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
30.	GOUTHAM S MENON	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
31.	HIBA HANEefa	X	X	A	X	X	X	X	X	X	X	X	X	X	X	X
32.	IRENE MARIYA LDRANE	X	A	A	X	X	X	X	X	X	X	X	X	X	X	X

Attendance Record of Mathematics

Sl. No.	Name of the Students	Certificate Course on Dynamic Geometry														
		20/11/23 (2 hrs)	27/11/23 (2 hrs)	8/12/23 (3 hrs)	16/12/23 (3 hrs)	15/12/23 (2 hrs)	9/12/24 (3 hrs)	12/12/24 (2 hrs)	19/12/24 (2 hrs)	26/12/24 (2 hrs)	5/1/25 (2 hrs)	12/1/25 (2 hrs)	19/1/25 (2 hrs)	26/1/25 (2 hrs)	2/2/25 (2 hrs)	9/2/25 (2 hrs)
33.	JOSNA I J	X	X	A	X	X	X	X	X	X	X	X	X	X	X	X
34.	KA ATHIRA	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
35.	K MERVIN DENNIS	X	A	X	X	X	X	X	X	X	X	X	X	X	X	X
36.	K S SREELAKSHMI	X	A	X	X	X	X	X	X	X	X	X	X	X	X	X
37.	KRIPA SHAJU	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
38.	KRISHNA GIRISH	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
39.	KRISHNAVENI V V	A	X	X	X	X	A	X	X	X	X	X	X	X	X	X
40.	MALAVIKA P	X	X	A	X	X	X	X	X	X	X	X	X	X	X	X
41.	MARY ELNA SHABU	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42.	MANDITA R MENON	X	A	X	X	X	X	X	X	X	X	X	X	X	X	X
43.	NITHIN P. SUNILKUMAR	X	X	X	A	X	X	X	X	X	X	X	X	X	X	X
44.	NOYAL BENNY	X	X	A	X	X	X	X	X	X	X	X	X	X	X	X
45.	PRADUL SADANANDAN	X	A	X	X	X	X	X	X	X	X	X	X	X	X	X
46.	SABDREESH E S	X	X	X	X	A	X	X	X	X	X	X	X	X	X	X
47.	SNEHINA K S	X	X	A	X	X	X	X	X	X	X	X	X	X	X	X
48.	VISWANAND A S	X	A	X	X	X	X	X	X	X	X	X	X	X	X	X
49.	Aanus antu	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50.	Adhith N J	X	X	A	X	X	X	X	X	X	X	X	X	X	X	X
51.	Anagha Unnikrishnan	X	A	X	X	X	X	X	X	X	X	X	X	X	X	X
52.	Anesha Augustin	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
53.	Angel Ros Biju	X	X	X	A	X	X	X	X	X	X	X	X	X	X	X
54.	Anko Robert	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
55.	Ajvin Krishna K	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
56.	Ashtha M.M	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
57.	Aswathy K.S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
58.	Aswin K.S	A	X	X	X	X	X	X	X	X	X	X	X	X	X	X
59.	Athul C.J	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
60.	Chandan Dev A.S	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
61.	Dona Biju	X	X	X	A	X	X	X	X	X	X	X	X	X	X	X
62.	Fabiya Sherin K	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
63.	Gayathri A	X	X	A	X	X	X	X	X	X	X	X	X	X	X	X

18

Name of the Student	20-11-2023 (2hrs)	27/11/2023 (2hrs)	8/12/2023 (3hrs)	18/12/2023 (3hrs)	15/11/2023 (2hrs)	9/2/2024 (3hrs)	12/2/2024 (2hrs)	19/2/2024 (2hrs)	26/2/2024 (2hrs)	5/3/2024 (2hrs)	12/3/2024 (2hrs)	17/3/2024 (2hrs)	26/3/2024 (2hrs)	2/4/2024 (2hrs)
64 Gouri Nandana . A	x	x	x	x	x	x	x	x	x	x	x	x	x	A
65 Manav syam k.D	x	x	A	x	x	x	x	x	x	A	x	x	x	x
66 Neerma Ilyas	x	A	x	x	x	x	x	x	x	x	A	x	x	x
67 Sajwal K.U	x	x	x	x	A	x	x	x	x	x	x	A	x	x
68 Sivendu S Manoj	A	x	x	x	x	x	x	x	x	x	x	x	A	x
69 Virek Vishvam	x	x	x	A	x	x	A	x	x	x	x	x	x	x



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DEPARTMENT OF MATHEMATICS**

Certificate

This is to certify that

Mr./Ms. Fathima Nisrin A. A
of class Bsc Maths Aided Reg No. CCA5MTO11
completed the value added course in 'Certificate course on Dynamics Mathematics
Using Geogebra' conducted by the Post Graduate and Research Department of
Mathematics on 2023 at Christ College (Autonomous), Irinjalakuda.



Dr. SEENA V
Head, Course Coordinator





Rev. Fr. Dr. JOLLY ANDREWS
Principal





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This is to certify that
Mr./Ms. Gifty Rose George
of class Bsc Maths Arded Reg No. CCAVSMT012
completed the value added course in 'Certificate course on Dynamics Mathematics
'Using Geogebra' conducted by the Post Graduate and Research Department of
Mathematics on 2023 at Christ College (Autonomous), Irinjalakuda.


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Head, Course Coordinator


Rev. Fr. Dr. JOLLY ANDREWS
Principal




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This is to certify that
Mr./Ms. Threne Mariya Lorance
of class Bsc Maths Arded Reg No. CCAVSMT014
completed the value added course in 'Certificate course on Dynamics Mathematics
'Using Geogebra' conducted by the Post Graduate and Research Department of
Mathematics on 2023 at Christ College (Autonomous), Irinjalakuda.


Dr. SEENA V
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DEPARTMENT OF MATHEMATICS**

Certificate

This is to certify that
Mr./Ms. Josna T J
of class B.Sc Maths Arded Reg No. CCAVSMT015
completed the value added course in 'Certificate course on Dynamics Mathematics
'Using Geogebra' conducted by the Post Graduate and Research Department of
Mathematics on 2023 at Christ College (Autonomous), Irinjalakuda.


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Certificate

This is to certify that
Mr./Ms. Adnan Joe Bobby
of class B.Sc Mathematics Arded Reg No. CCAVSMT017
completed the value added course in 'Certificate course on Dynamics Mathematics
'Using Geogebra' conducted by the Post Graduate and Research Department of
Mathematics on 2023 at Christ College (Autonomous), Irinjalakuda.


Dr. SEENA V
Head, Course Coordinator


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Principal

