

GEOGEBRA

MAT.C.23.1

CERTIFICATE OF SPOKEN TUTORIAL (ST) TRAINING

Ref. No. STHTB 2024/4420

21st August 2024

To.

The Principal,

All Saints' College.

Thirus ananthapuram, Kerala-695007.

भागतीय प्रदर्भावती सरकात पृथ्वी

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We are delighted to provide your Institute with the Letter of Certification depicting the Training you undertook for students. All Saints' College. Thiruvananthapuram, Kerala engaged many learners right in taking the - ST-IIT Bombay courses and acquiring powerful IT knowledge. This is under the partnership agreement between All Saints' College and ST (Spoken Tutorial) Program- IIT Bombaypowered by the National Mission on Education through ICT, MoE, Govt. of India.

The Student Development Program (SDP) on GeoGebra 5.04 was appreciated by the students of your Institute. The training was done between 15th July 2023 & 14th August 2023 and covered 18 students and faculties. Again, in deep acknowledgement of your stellar efforts, we wish to collaborate many more times in this manner with you.

Details of Participants enrolled in the Software Training Workshops under Spoken Tutorial. IIT Bombay:

Sr. No.	Name	Sr. No.	Name
Srvo.	Athira, M.A	10	Sania Ben Rose
1	Neha.G.R	11	Arathi S
	Riva Ronald	12	Rancesha A Riswana A Nancy B
	Sreva SR		
-	Vivani Aris	14	
3	Athira S. R	15	Farsana S
7	Mary Cross . S	16	Rooby U
9	Balameenakshi S R	17	Fathima J
0	Lekshmi R	18	Arathi. R.S

For and On behalf of

Spoken Tutorials,

Indian Institute of Technology, Bombay

Mrs. Akanksha Saini National Coordinator

Akanksha Saini

Spoken Tutorial Project, IIT Bombay

All Saint's College Thiruvananthapuram

\$200/Phone \$300/Eas (+91-22) 2572 2545 (+91-22) 2572 3480 IT Bombay

Letter of Appreciation

Ref. No. STHTB 2024 4417 21st August 2024

To, Mrs. Sebina Mathew C Assistant Professor, Mathematics Department, All Saints' College, Thiruvananthapuram-, Kerala-695007.

This is to express thanks and appreciation to Mrs. Sebina Mathew C, for spreading awareness and holding the following 1-month SDP, organised by All Saints' College, Thiruvananthapuram, Kerala, in collaboration with Spoken Tutorial, IIT Bombay.

Student Development Program:

"GeoGebra 5.04" from 15th July 2023 to 14th August 2023, attended by 18 students

You are making an outstanding contribution to using ICT-based teaching and learning methodology for your faculty members and students. Your contributions to the implementation of the Spoken Tutorial Project are significant and have played a part in it becoming the fastest-growing NMEICT Project. Your excellent skills and courteous personality have helped tremendously in spreading awareness of Spoken Tutorial IIT Bombay.

I would like to personally thank you for contributing to the software training and awareness events in your Institute. I am sure that we will continue to get your continued support for making India IT literate and spreading project existence in the state of Kerala.

For and On behalf of

Spoken Tutorials,

Indian Institute of Technology, Bombay

Mrs. Akanksha Saini National Coordinator

Akanksha Saini

Spoken Tutorial Project, IIT Bombay

Department of Mathematics 2023-24 Report on Certificate course - GeoGebra

The Department of Mathematics, All Saints' College,
Thiruvananthapuram conducted a certificate course on GeoGebra in Association
with Spoken Tutorial Programme IIT Bombay for the academic year 2023-24.
GeoGebra is a mathematics software for all level which brings together geometry,
algebra, spread sheets graphing, statistics and calculus. 18 students Participated
and completed the course. The list of students is attached.

SI: No	Reg No of the candidate	Name of the candidate	
I	22022100001	ARATHI . R.S	
2	22022100003	BALAMEENAKSHI. S . R	
3	22022100004	FARSANA S	
4	22022100005	FATHIMA J	
5	22022100006	LEKSHMI R	
6	22022100007	NANCY B	
7	22022100008	NEHA.G.R	
8	22022100009	RISWANA A	
9	22022100010	ROOBY.U	
10	22022100011	ARATHI S	
11	22022100012	ATHIRA M.A.	
12	22022100013	ATHIRA.S.R	
13	22022100014	RANEESHA A	
14	22022100015	RIYA RONALD	
15	22022100016	SREYA S R	
16	22022100017	VIYANI ARIS	
17	22022100018	MARY CROSS S	
18	22022100019	SANIA BEN ROSE	





ALL SAINTS' COLLEGE THIRUVANANTHAPURAM

Affiliated to University of Kerala
Re-accredited with A+ Grade by NAAC



spoken-tutorial

Powered by Ministry of Human Resources and Development Contracted of Ind

Certificate Course conducted by
The Department of Mathematics, All Saints'College, Thiruvananthapuram
in Association with Spoken Tutorial Programme IIT Bombay
for the academic year 2023-24

On GeoGebra

Duration - 30 hours



Registration starts on 10/7/23 and ends on 13/7/23 Event Date: 15/7/23 to 14/8/23

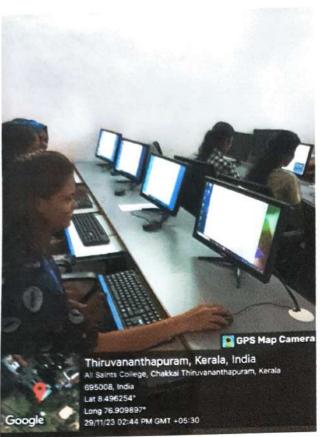
Srigowri M P Training Manager Spoken Tutorial - IIT Bombay

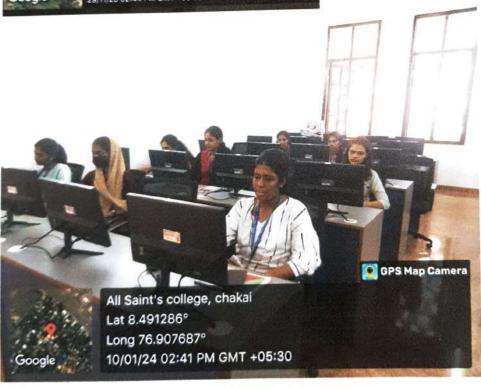
Event coordinator & HOD Mrs. Sebina Mathew C

Principal Dr. Reshmi R Prasad













This is to certify that **Sreya SR** successfully passed a **GeoGebra 5.04** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system. Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 60.00%

Prof. Kannan M Moudgalya IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

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This is to certify that **Sania Ben** successfully passed a **GeoGebra 5.04** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system. Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 72.50%

Prof. Kannan M Moudgalya IIT Bombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at ITT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

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This is to certify that **Lekshmi R** successfully passed a **GeoGebra 5.04** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system. Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 40.00%

Prof. Kannan M Moudgalya

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

SECOND TRA





This is to certify that **Mary Cross** successfully passed a **GeoGebra 5.04** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system. Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 72.50%

Prof. Kannan M Moudgalya

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India.

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This is to certify that **Fathima J** successfully passed a **GeoGebra 5.04** test, remotely conducted by the Spoken Tutorial project, IIT Bombay, under an honour invigilation system. Self learning through Spoken Tutorials and passing an online test completes the training programme.

Credits: 1 Score: 55.00%

Prof. Kannan M Mondgalya IIT Rombay

Credits for the Spoken Tutorial courses are based on our estimates of the work required to complete them. Recipient institutions are required to apply due diligence and get them ratified/modified by their own duly formed academic/assessment body. Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT. Ministry of Education (previously MHRD). Govt, of India.

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Syllabus

Module 1

Overview of GeoGebra
Introduction to GeoGebra

Module 2

Basics of Triangles
Congruency of Triangles
Properties of Quadrilaterals

Module 3

Properties of Circles
Create and manage Tools
Create action object Tools

Module 4

Sequences in GeoGebra
Scripting and LaTeX in GeoGebra

Department of Mathematics 2023-24 Marks For Certificate course - GeoGebra

SI: No	Reg No of the candidate	Name of the candidate	Marks of the candidate
1	22022100001	ARATHI . R.S	45.0
2	22022100003	BALAMEENAKSHI. S . R	55
3	22022100004	FARSANA S	52.5
4	22022100005	FATHIMA J	55
5	22022100006	LEKSHMI R	40
6	22022100007	NANCY B	62.5
7	22022100008	NEHA.G.R	40
8	22022100009	RISWANA A	62.5
9	22022100010	ROOBY.U	62.5
10	22022100011	ARATHI S	67.5
11	22022100012	ATHIRA M.A.	60
12	22022100013	ATHIRA.S.R	60
13	22022100014	RANEESHA A	45
14	22022100015	RIYA RONALD	52.5
15	22022100016	SREYA S R	60
16	22022100017	VIYANI ARIS	55
17	22022100018	MARY CROSS S	72.5
18	22022100019	SANIA BEN ROSE	72.5

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