



**DCT's**  
**Dhempe College of Arts and Science**  
**Miramar, Goa**

DEPARTMENT OF MATHEMATICS

**Report of workshop on ‘Computational Thinking’**

- The Department of Mathematics organized a workshop on ‘Computational Thinking’ for the school students on 23/2/2024 under Star DBT College Scheme. The objective of the workshop was to sow the seeds of the aspects of Computational Thinking in the young minds of the students. Two schools, Mustifund High School, Cujira and Dr. K. B. Hedgewar High School, Cujira participated in the workshop. Dr. Mamta Kumari took a session on “Sudoku” for the students. 53 students were benefitted from the workshop. The workshop was coordinated by Ms Rashmi Naik and Dr. Mamta Kumari was convener.

The following Mathematical models were demonstrated to the students.

Sr	Model	Students	Class	Venue
1	1 to 8 number game	Aastha Naik	FYBSc	AV Room
2	Pegboard puzzle	Mitali shirodkar	FYBSc	AV Room
3	Pythagoras theorem	Saiesha Gawas	FYBSc	Reading room
		Reshma Kerketta	SYBSc	
4	Tower of Brahma	Keziah Martins	TYBSc	Reading room
5	$a^2-b^2$ formula	Nisha Pai	TYBSc	Reading room
6	Brachistochrone	Brian Barreto	TYBSc	Reading room
7	Parking Puzzle	Milisha	SYBSc	AV Room
		Diya Deshpande	SYBSc	
8	Platonic and archimedian solids	Anushka De Braganca	TYBSc	Reading room
		Prunella Pinto	TYBSc	
9	Tangrams	Rani Bedadolakar	FYBSc	AV Room
10	$(a+b)^3$ formula	Vishant Borker	FYBSc	AV Room
11	Fractions	Jeeya Gaude	TYBSc	Reading room
		Pavitra Kankonkar	TYBSc	
12	Fraction Bingo	Esha Turi	TYBSc	Reading room
		Tejas Naik	TYBSc	
13	Data handling	Geetika Gaude	TYBSc	AV Room
		Saloni Vaigankar	TYBSc	
14	Hands on Geogebra	Sunilkumar Nisad	TYBSc	AV Room
		Aadit Satardekar	TYBSc	



**Demostration of the Mathematical models**



**Group photograph with the participants**