



## CERTIFICATE OF PARTICIPATION

PRESENTED TO

**SUNITA JOSHI**

FOR SUCCESSFULLY ATTENDING

**"3030 Eklavya Program-Episode 9"**

**From "How" to "Why" of Mathematics**

(Inline with NEP 2020 , Nurture Creativity and Critical Thinking)

CONDUCTED BY

Center for Creative Learning (CCL), IIT Gandhinagar  
in collaboration with CBSE

**Equivalent to 2 hrs of online course training/professional development**

### Learning Objectives

- Number Base & Place Value Number systems
- Arithmetic Operations
- Patterns in Multiplication Tables
- DIY Calculating Devices
- Computational Thinking
- Working of Mechanical Calculators

*Manish Jain*

**Prof. Manish Jain**

Associate Teaching Professor,  
IIT Gandhinagar

**Dr. Joseph Emmanuel**

Director, Academic,  
CBSE

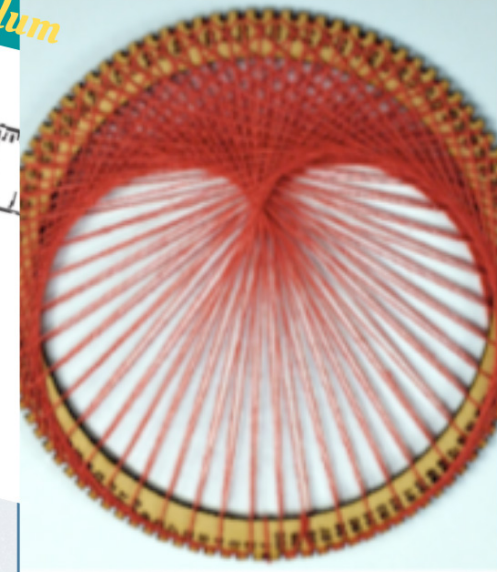


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Session Date:4th Sep, 2022

1	2	3	4	5	6	7	8	9	10
2	4	6	8	10	12	14	16	18	20
3	6	9	12	15	18	21	24	27	30
4	8	12	16	20	24	28	32	36	40
5	10	15	20	25	30	35	40	45	50
6	12	18	24	30	36	42	48	54	60
7	14	21	28	35	42	49	56	63	70
8	16	24	32	40	48	56	64	72	80
9	18	27	36	45	54	63	72	81	90
10	20	30	40	50	60	70	80	90	100

*3030 Eklavya  
Spicing up the  
curriculum*



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