



CERTIFICATE OF PARTICIPATION

PRESENTED TO

SHIVANI AGGARWAL

FOR SUCCESSFULLY ATTENDING

"3030 Eklavya Program-Episode 3"

Measurement: Length, Area & Volume

(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

- Length, Perimeter and Area
- Surface area and Volume
- Mensuration
- Conic Section
- Visualizing solid shapes
- Triangles, Lines and Angles

Manish Jain

Joseph Emmanuel

Prof. Manish Jain

Associate Teaching Professor,
IIT Gandhinagar

Dr. Joseph Emmanuel

Director, Academic,
CBSE



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Session Date: 10th Oct, 2021



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Triangle, Lines and Angles

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FOR SUCCESSFULLY ATTENDING

**"3030 Eklavya Program-Episode 4"
Shapes**

(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

- Symmetry and Practical Geometry
- Visualising Solid Shapes
- Triangle, Lines and Angles
- Trigonometry
- Circle and Quadrilaterals

Construction and Conic Section *Joseph Emmanuel*

Prof. Manish Jain

Associate Teaching Professor,
IIT Gandhinagar

Dr. Joseph Emmanuel

Director, Academic,
CBSE



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Session Date: 17th Oct, 2021



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CERTIFICATE OF PARTICIPATION

PRESENTED TO

SHIVANI AGGARWAL

FOR SUCCESSFULLY ATTENDING

**"3030 Eklavya Program-Episode 7"
Forgotten Indian Technology**

(In line 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 system & Binary Number System
- Virahanka-Hemchandracharya-Fibonacci Series
- Combinatorics
- Recursive Computation
- Counting and Exponential Growth
- Binary Arithmetic

Manish Jain

Prof. Manish Jain

Associate Teaching Professor,
IIT Gandhinagar

Joseph Emmanuel

Dr. Joseph Emmanuel

Director, Academic,
CBSE



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Session Date: 21st Aug, 2022



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CERTIFICATE OF PARTICIPATION

PRESENTED TO

SHIVANI AGGARWAL

FOR SUCCESSFULLY ATTENDING

"3030 Eklavya Program-Episode 1" Newton's Laws of Motion

(In line 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

- Projectile motion
- History of motion laws
- Frames of reference
- Inertia
- Newton's first law of motion

Manish Jain

Prof. Manish Jain
Associate Teaching Professor,
IIT Gandhinagar

Joseph Emmanuel

Dr. Joseph Emmanuel
Director, Academic,
CBSE



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Session Date: 26th Sep, 2021



नीरव चापड़ा ने भाला किस angle में फेंका ?

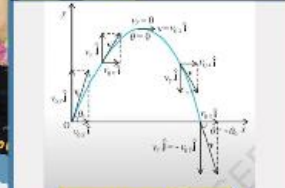
3030 Eklavya
Spicing up the
curriculum



भाले का ज्ञान

तोप के गोले का विज्ञान

Straw Sprinkler
Droplets in a
spiral
But Newton's Law
says they should go in a
straight line?
Join us to know ho



Projectile का सिद्धांत

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CERTIFICATE OF PARTICIPATION

PRESENTED TO
SHIVANI AGGARWAL

FOR SUCCESSFULLY ATTENDING

"3030 Eklavya Program-Episode 2"
Action and Reaction | 2nd & 3rd Laws of Motion
(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

- Speed and velocity.
- Force and acceleration.
- Free fall acceleration.
- Newton's 2nd and 3rd laws of motion

Manish Jain

Prof. Manish Jain
Associate Teaching Professor,
IIT Gandhinagar

Joseph Emmanuel

Dr. Joseph Emmanuel
Director, Academic,
CBSE



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Session Date: 3rd Oct, 2021



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