



CERTIFICATE OF PARTICIPATION

PRESENTED TO

SAJLA BHARGAV

FOR SUCCESSFULLY ATTENDING

**"3030 Eklavya Program-Episode 6"
The Lost Bronze and Science of Sound**

(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

- Sound production and propagation
- Vibrations of membrane
- Transverse and Longitudinal Waves
- Frequency spectrum, Resonance
- DIY musical instruments
- Ear and hearing

Manish Jain

Prof. Manish Jain

Associate Teaching Professor,
IIT Gandhinagar

Joseph Emmanuel

Dr. Joseph Emmanuel

Director, Academic,
CBSE



Scan QR Code or Visit <https://iitgandhinagar.ac.in/certificates/?id=EKL210941052-EP6> to verify

Session Date: 14th Aug, 2022



*3030 Eklavya
Spicing up the
curriculum*

web services powered by **PHONIX** WEBTECH



CERTIFICATE OF PARTICIPATION

PRESENTED TO

SAJLA BHARGAV

FOR SUCCESSFULLY ATTENDING

"3030 Eklavya Program-Episode 6"
The Lost Bronze and Science of Sound
(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

- Sound production and propagation
- Vibrations of membrane
- Transverse and Longitudinal Waves
- Frequency spectrum, Resonance
- DIY musical instruments
- Ear and hearing

Manish Jain

Prof. Manish Jain

Associate Teaching Professor,
IIT Gandhinagar

Joseph Emmanuel

Dr. Joseph Emmanuel

Director, Academic,
CBSE



Scan QR Code or Visit <https://iitgandhinagar.ac.in/certificates/?id=EKL210941052-EP6> to verify

Session Date:14th Aug. 2022



3030 Eklavya

Spicing up the curriculum

web services powered by **PHOENIX** WEBTECH