



INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH (IISER) MOHALI

Punjab, India

(Ministry of Education, Govt. of India)

Provisional Certificate

Registration No. PH19218

Certified that **Gourav Rana** has fulfilled all requirements for the award of the degree of **Doctor of Philosophy (PhD)** at IISER Mohali on Mar 19, 2025. The PhD thesis is entitled, “**Theoretical investigation of 2D MXenes for thermoelectric application**”.

The formal degree will be presented at the next annual convocation of the Institute.

Place: Mohali

Date: March 26, 2025



Shm.

Associate Dean/ Dean Academics