



**42nd annual meeting of
The Astronomical Society of India
31st January to 4th February 2024
hosted jointly by IISc, ISRO and JNP at Bengaluru**



Certificate of Participation

This is to certify that **Aryan Pal** of **Indian Institute of Science Education and Research - IISER, Mohali, India** participated in the 42nd Annual Meeting of the Astronomical Society of India (ASI), hosted jointly by Indian Institute of Science (IISc), Indian Space Research Organisation (ISRO) and Jawaharlal Nehru Planetarium (JNP) at Bengaluru during 31st January to 4th February 2024. He/She presented a poster titled **Barred Galaxy Evolution and the Formation of BP/X Bulges: A Cosmological Perspective from the TNG50 MHD Simulations.**

Jasjeet Bagla
Chair, SOC

Banibrata Mukhopadhyay
Chair, LOC