

SpaDeX or Space Docking Experiment is a twin satellite mission being developed by the Indian Space Research Organisation (ISRO) to mature technologies related to orbital rendezvous, docking, formation flying, with scope of applications in human spaceflight, in-space satellite servicing and other proximity operations.[1]

SpaDeX campaign would consist of two IMS class-1 class (200 kg) satellites, one would be Chaser and other being Target and both would be launched as co-passengers or auxiliary payloads.[2][3] Both satellite would be injected into slightly different orbits.[4]

The mission will be launched from the Satish Dhawan Space Centre aboard a dedicated Polar Satellite Launch Vehicle on 30 December 2024.[5]