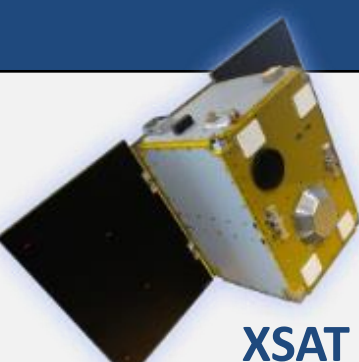
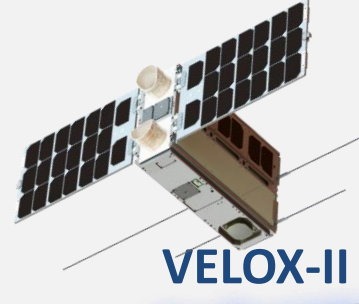
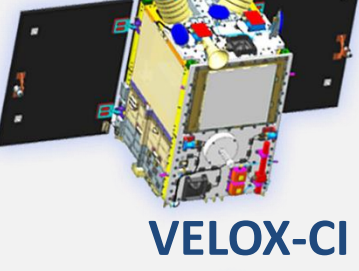
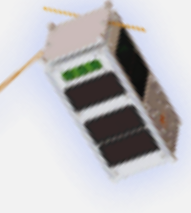
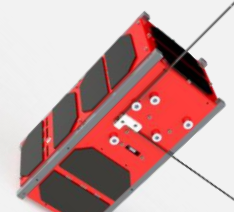
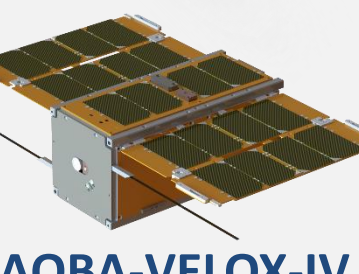
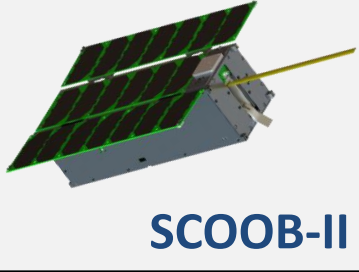
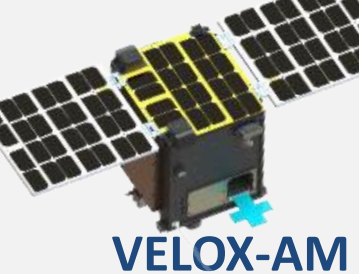
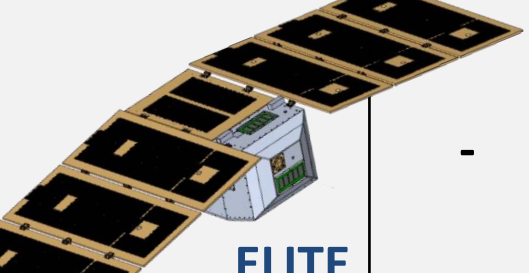


SATELLITE #NTUsg #SaRC

Satellite	Year Launch	Key Parameters	1 st Singapore
 XSAT	2011, 20 April	105 kg Imaging	1 st Designed Microsatellite
 VELOX-PI	2013, 23 Nov	1U Full Functional cubesat	1 st 1U nanosat
 VELOX_I	2014, 30 Jun	3U Imaging	1 st 3U nanosat
 VELOX-P-II	2014, 30 Jun	0.5U Pico RF Comm	1 st 0.5U picosat
 VELOX-II	2015, 16 Dec	6U IRDS (AddValue)	1 st nanosat (6U) performing communication link with GEO
 VELOX-CI	2015, 16 Dec	135 kg GPS Radio Occultation	
 AOBA-VELOX-III	2016, 19 Dec	2U Thruster (w Kyutech)	1 st Release from ISS. 1 st 2U nanosat
 SPATIUM	2018, 15 Sep	2U Atomic clock (w Kyutech)	1 st Atomic Clock in nanosat
 AOBA-VELOX-IV	2019, 18 Jan	2U, Lunar Horizon Glow Thruster (w Kyutech)	
 SCOOB-I	2022, 30 Jun	2U, Helio physics mission	
 SCOOB-II	2023, 30 Jul	3U student training	
 ARCADE	2023, 30 Jul	25 kg, Scientific mission	
 VELOX-AM	2023, 30 Jul	25 kg, Additive Manu- facturing.	
 ELITE		181 kg, VLEO	

FLIGHT MODEL (FM)



ENGINEERING / QUALIFICATION MODEL (EQM)

