Category	Ch No	Challenge Name	Group	Nodal Officer Name	Nodal Officer E-Mail
ADITI 1.0	1	Indigenous Development of High-resolution Elevation model & ground control points using space-based SAR	IA		pkpanday.495x@gov.in
ADITI 1.0	2	Precision TGT ACQN Software (P-TAS)	IA		aproc@nic.in
ADITI 1.0	3	Two Man Tactical Aerial Vehicle for High Altitude (HA).	IA		banyantree@nic.in
ADITI 1.0	4	Development of Ramjet Engine for fixed wing flying objects	IN	Cdr N Vengatachalam	dsr-navy@nic.in
ADITI 1.0	5	Create a close loop heat recovery system with a compact, high-efficiency micro-turbine with a 1MW-4MW shaft power capacity utilizing a supercritical cycle running on high endurance waste heat recovery cycle for generation of electric power. Close loop chemical energy storage bank	IN	Lt Cdr Siddharth Naithani	dme-navy@nic.in
ADITI 1.0	6	Fabrication, integration and testing of one prototype AUV as per 'Jalkapi' design by IN	IN	Cdr Venkatesh Prabhu B	dndsdg-navy@nic.in
ADITI 1.0	8	Perpetual power plant 1.28 MW	IN	Lt Cdr Siddharth Naithani	dme-navy@nic.in
ADITI 1.0	14	Mobile Ground Station in S/X/Ka band for Transmitting and Receiving Data from Satellite	DSA	**Col R Jithendra /** Col Amitabh Gottlieb	**dirrnddsa.ids@gov.in /** jdisranalysisdsa.ids@gov.in
ADITI 1.0	15	Small Satellite with Neuromorphic Sensors based EO Payload.	DSA	**Col R Jithendra /** Gp Capt Vishnu Bajpai	**dirrnddsa.ids@gov.in /** proc.dipac.ids@gov.in
ADITI 1.0	16	Development of CubeSat Deployers of Various Configuration	DSA	**Col R Jithendra /** Wg Cdr Senthil Kumar	**dirrnddsa.ids@gov.in /** concepts.ids@gov.in
ADITI 1.0	17	Development of Solar Panels with Triple Junction GaAs Solar Cells with Solar Drive Mechanism for Small Satellit	DSA	**Col R Jithendra /** Lt Col Rahul Purushothaman	**dirrnddsa.ids@gov.in /** ragulp82@gmail.com