

Category	Ch No	Challenge Name	Group	Nodal Officer Name	Nodal Officer E-Mail
DISC 11	7	Forecasting of defect / prediction of remaining useful life using Artificial Intelligence for critical machinery on-board naval platforms using historic defect data and real-time system parameters.	IN	Cdr Shamsheer Singh	dfm-navy@nic.in
DISC 11	8	Hydraulic Dock Block	IN	Cdr Raminder Singh	dna-navy@nic.in
DISC 11	9	'SAMVAAD.AI' – AI Based Interactive Knowledge Management Module	IN	Lt Cdr Avishaek Deep	oic-inicai@navy.gov.in
DISC 11	15	To develop ultra-capacitor for cranking engine in extreme cold conditions (-500 C).	AVNL	Samuel Jeevanand E	hvftdo@ord.gov.in
DISC 11	16	Anti-Drone system for armoured vehicle - a solution to integrate with the existing platforms such as T-72, T-90 BMP & Arjun Tanks to detect RF transmission from enemy drones without altering.	AVNL	Prabakaran S	hvftdo@ord.gov.in
DISC 11	17	Starter-Generator CF-18-1C for T-90 Tanks	AVNL	Pankaj Kumar Singh	pankajkumarsingh@ord.gov.in
DISC 11	18	Starter-Generator CF-10-1C for T-72 Tanks	AVNL	Pankaj Kumar Singh	pankajkumarsingh@ord.gov.in
DISC 11	19	Design and Development of Synchro Resolver of Specification "Rotary Conveyor 2.5BT 0.1" which is being used in Hatch door position sending unit. Reduction Gear Unit assembly of code-94, of T-90 Tank	AVNL	Amol P Choudhary	mpfrnd@ord.gov.in
DISC 11	20	To develop Reserve Battery 18V	AVNL	Nalinish Tenguria	ntenguria@ord.gov.in
DISC 11	21	To develop a Reserve Battery 36V	AVNL	Nalinish Tenguria	ntenguria@ord.gov.in
DISC 11	22	Class approved Polymer bearing for use in Ship building	HSL	Bhanu kiran	bhanukiran.k596@hslvizag.in