

SPONSORED PROJECTS

S.No	Title of the Project	Investigators	Amount (Rs. Lakhs)	Funding Agency	Status
1	Coupled fluid-structure interaction studies due to underwater explosion around submerged composite pressure hull (Oct2017-Dec2021)	Dr. K. Ramajeyathilagam Mr. C. Suresh	41.1	NRB, DRDO	Completed
2	Simulation of Traumatic brain injury using finite element method (July2016-Dec2017)	Dr. K. Ramajeyathilagam Mr. Stanley Samlal	5.80	HITS	Completed
3	Experimental and numerical investigations on the failures of metallic and composite structures to hail ice impact (Jan23)	Dr. K. Ramajeyathilagam Ms. T. Sivagangai	49.86	ARDB, DRDO	Ongoing
4	Development of shock standards and guideline for two different marine vessels through numerical analysis (June23)	Dr. K. Ramajeyathilagam Dr. R Sundaramoorthy Mr. S Pragadheswaran	114.07	NSTL, DRDO	Ongoing
5	Low cycle fatigue behaviour of manned submersibles (Dec22)	Dr. K. Ramajeyathilagam Dr. M. Chandrasekar	87.12	MoES, GOI	Submitted

CONSULTANCY PROJECTS

6	Evaluation of Numerical Bird Material Model Parameters through Dynamic Test of Bird Projectile (Oct2016-Mar2018)	Dr. K. Ramajeyathilagam Mr. Stanley Samlal	9.67	GTRE, DRDO	Completed
7	Estimation of shock levels and its impact on the underwater axi-symmetric bodies due to water entry and pyro shock (Oct2019-Mar2021)	Dr. K. Ramajeyathilagam Mr. Stanley samlal	6.65	NSTL, DRDO	Completed
8	Fatigue testing and generation of fatigue curves for CFRP composites (Oct23)	Dr. K. Ramajeyathilagam Dr. M. Chandrasekar	7.43	INDALL	Ongoing
9	Parametric studies on article subjected to underwater shock wave excitation (May23)	Dr. K. Ramajeyathilagam Mr. S Pragadheswaran	9.89	NSTL, DRDO	Ongoing