Resume of Dr. ARUNJYOTI SARKAR, PhD
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Designation:
Assistant Professor
Department of Ocean Engineering & Naval Architecture
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Academic Qualification

Degree	During	Major	University / Institution
B.E.	1997 - 2001	Civil Engineering	Bengal Engineering College, Shibpore (currently IIEST Shibpore)
M.Tech	2003 - 2005	Ocean Engineering	IIT Madras
PhD	2010 - 2013	Offshore Engineering	University of Stavanger, Norway

Work experience

Position Held	Name of Institute / Company	From	To	Job description
Assistant Professor	IIT Kharagpur	2014	Till date	Teaching and research in ocean engineering
Principal Engineer (Hydrodyn and Ocean Tech group)	Subsea 7, Norway	2007	2014	Installation analysis of subsea structures, on-bottom stability of covers, etc.
Offshore Structural Engineer (SURF group)	Technip India and France	2005	2007	Design of offshore structures (FPSO topside, subsea equipment, etc.)
JRF	CMERI Durgapur	2002	2003	Health assessment of old structures
Management Trainee	OSE Ltd.	2001	2002	Supervising road and bridge construction work at a site of NH6

Subjects taken at the current position
Ship Strength (UG core, Naval Arch), Marine Operation and Analysis (PG elective, Ocean Eng)
Engineering Drawing, Engineering Mechanics (1st year students)

Publications *(List of papers published in SCI Journals, in year wise descending order).*

Sl. No.	Authors	Title	Name of Journal	Vol	Page	Year
1	S Koley, A Sarkar, T Sahoo	Interaction of gravity waves with bottom-standing submerged structures having perforated outer-layer placed on a sloping bed	Applied Ocean Research	52	245-260	2015
2	Choi SJ, Sarkar A	Dynamic characteristics of an offshore wind turbine with breaking wave and wind load	Int Jr of Comp Method and Exp Measurements	2	280-297	2014
3	Sarkar A, Gudmestad OT	Pendulum type liquid column damper (PLCD) for controlling vibrations of a structure – theoretical and experimental study	Engineering Structures	49	221-233	2013
4	Sarkar A, Gudmestad OT	Study on a new method for installing a monopile and a fully integrated offshore wind turbine structure.	Marine Structures	33	160-187	2013