SYLLABI OF COURSES FOR DIPLOMA PROGRAMME IN SHIPBUILDING ENGINEERING, LEVEL IV&VI 25

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NEW HOUSE

		332 - SHI	P CONS	TRUC	TION T	ECHN	IOL	ЭG	Y			
Distance Day Week						Examination Schedule (Marks)						
Teaching Schedule Per Week			Accussment			Theory			ctical I	Ex.	Total	
Lectures	Practical	Credits	Assessment			Theory					150	
	2	5	25	25	3Hirs	100		-			150	
3	2			, L	Theory	Test	Tot	tal TW		PR	Gr Total	
Pre-requisite		Source	us Sen	nester	75	25	100	0 25		-	125	
4331		SHB				<u> </u>						

Rationale: Technician involved in shipbuilding is required to supervise the job during construction phase. He should be acquainted with all practical technical know-how of fabrication and alignment of various ship structures. The course content has been so designed that the students acquire knowledge and skill in execution of projects pertaining to structures in shipbuilding. Having studied this subject, student should be able to: Know nomenclature used to describe ship structural components.

COURSE CONTENTS					
Bottom structure – Single bottom construction and double bottom construction – keels,					
types of floors, girders, bottom frames, it an verse interverse in the second s					
transverse/beams bilge keel, longitudinar, samgens, door stiffening angle pillars, Bulkheads- Corrugated, ordinary, transverse, longitudinal & stiffening angle pillars,	8	15			
hatches & superstructures Fore end and Aft end structures- Fore-end-stem-stembar, painting stringers, breast	12	25			
hooks, deep floors, chain locker, bulbous bow, hawse pipe, our how					
applications, stem tube, A-bracket and Bossing.	4	10			
Structural details of tankers-Double hull construction, bulkheads, midship section, and	5	10			
construction in tank spaces.	7	12			
2. DECK MACHINERY Mooring and rigging arrangement, masts, life saving appliances, access ladders,		8			
gangways.	48	10			
 PRACTICALS (Sketching & Desertoing) 1. Double bottom, types of floors & their application 2. Single bottom construction details 3. Transverse & longitudinal framing 4. Structural deck plan 5. Bulkheads- Corrugated, ordinary, transverse, longitudinal, stiffening arrangement. 6. Fore-peak structure, stem bar, panting stringers, breast hooks and deep floors 7. Closing appliances-doors, hitches, skylights; ventilator covers. 7. Closing applianced, double plated balanced, semi-balanced, un-balanced. 					