

**GEC Dahod**  
**CIVIL ENGINEERING**  
**HARBOUR & AIRPORT -2180602**  
**ALA - PPT TOPICS FOR STUDENTS**

SR.	ENROLLMENT	NAME OF THE STUDENT	TOPICS
1	130180106041	JAIMINIKUMAR TRIVEDI	History of water transportation at world level and at national level development and policy,
2	130180106061	MALI DIVYAM CHIMANLAL	Classification of harbours, natural and artificial.
3	130180106086	PATEL KAUSHALKUMAR HASAMUKHBHAI	Major ports in India,
4	130180106119	TIWARI SAURAV DEVDUTTBHAI	Administrative set up of ports
5	140180106060	MEDA MITULKUMAR DILIPBHAI	Harbour components,
6	150180106003	RAJBHAR AMITKUMAR DEVCHAND	Ship characteristics, characteristics of good harbour and principles of harbour planning,
7	150180106005	BAMANIYA ANKITABEN BHARATBHAI	Size of harbour, site selection criteria and layout of harbours,
8	150180106006	BANTVA JAYESHKUMAR HAMIRBHAI	Surveys to be carried out for harbor planning.
9	150180106008	BARAD AJAYSINH RAMESHSINH	Wind, waves, tides formation and currents phenomena, their generation characteristics and effects on marine structures,
10	150180106009	BASIYA SHIVRAJBHAI MAMKUBHAI	Silting, erosion and littoral drift.
11	150180106012	BHEDA SIDHDHARAJ	General design aspects, breakwaters - function, types general design principles,
12	150180106013	BHOJAIYA SHRAVAN	Wharves, quays, jetties – function, types, suitability, design and construction features.
13	150180106018	CHAUDHARI JIGNESHKUMAR	piers, pier heads, dolphin, fenders, mooring accessories – function, types, suitability, design and construction features.
14	150180106019	CHAUHAN JAYKUMAR BHARATBHAI	Tidal basin, wet docks-purpose, design consideration,
15	150180106025	DABHI RAHUL RAJUBHAI	Operation of lock gates and passage, repair docks - graving docks, floating docks.
16	150180106028	DINESHKUMAR CHAUDHARY	Ferry, transfer bridges, floating landing stages, transit sheds, warehouses, cold storage, aprons,
17	150180106029	GADHVI DIGVIJAYSINH OMPRAKASH	Cargo handling equipments, purpose and general description, Channel and entrance demarcation,
18	150180106037	KAPADIA IDRIS	Buoys, beacons, light house, electronic communication devices
19	150180106039	KATUDIYA DHARMIN ASHOKBHAI	Coastal protection-purpose and devices, dredging, purpose, methods,
20	150180106043	KUMAWAT SAVRMAL CHHOTURAM	Dredgers-types, suitability, disposal of dredged materials, mechanical and hydraulic dredgers.
21	150180106046	MAHALA KRUNAL	AE- History, development, policy of air transport, aircrafts, aerodromes, air transport authorities, air transport activities,
22	150180106047	CHAVDA MAHENDRASINH PRAVINSINH	Air crafts and its characteristics, airport classifications as per ICAO.
23	150180106049	MAKWANA LAKSHMANBHAI BHUPATBHAI	Regional planning -concepts and advantages, location and planning of airport as per ICAO and F.A.A. recommendations,
24	150180106050	MAKWANA SMIT DEEPAKBHAI	Airport Elements -airfield, terminal area, obstructions, approach zone, zoning laws,
25	150180106052	MANIYA DIVYANGKUMAR HIMMATBHAI	Airport capacity, airport size and site selection, estimation of future air traffic,
26	150180106059	NAKUM ANIL BHUPATBHAI	Development of new airport, requirements of an ideal airport layout.
27	150180106060	NARNI SHIVA GOVARDHAN	Wind rose and orientation of runway, wind coverage and crosswind component,
28	150180106062	NINAMA AMITBHAI DHANABHAI	Factors affecting runway length, basic runway length, and corrections to runway length,
29	150180106064	PAGI CHIRAYU DINESHBHAI	Runway geometrics and runway patterns (configurations), Runway marking, threshold limits cross section of runway
30	150180106065	PALLA ZIAUDDIN KHAZAMOINUDDIN	TAXIWAY Controlling factors, taxiway geometric elements, layout, exit taxiway, location and geometrics,
31	150180106068	PARMAR RAHULKUMAR	Holding apron, turnaround facility. Aprons -locations, size, gate positions,

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32	150180106069	PARMAR VANDITKUMAR ANILKUMAR	Aircraft parking configurations and parking systems,
33	150180106074	PATEL HEMANTKUMAR RAMANBHAI	Hanger-site selection, planning and design considerations, Fuel storage area, blast pads . wind direction indicator
34	150180106076	PATEL HERRY RAJESHKUMAR	Terminal area elements and requirements, terminal building functions, space requirements, location planning concepts,
35	150180106085	PATEL PARTHKUMAR PARSOTTAMBHAI	Vehicular parking area and Circulation network, passenger requirements at terminal building
36	150180106088	PATEL PRIYANKA SATISHBHAI	Airport grading-importance - operations, airport drainage aims, functions, special characteristics,
37	150180106089	PATEL RAHUL SACHCHIDANAND	Basic requirements, surface and subsurface drainage systems.
38	150180106096	PRAJAPATI DARSHANKUMAR BHARATBHAI	Air traffic control-objectives, control system, control network-
39	150180106103	RAPOL JAYESHKUMAR SHRINIVAS	Visual aids-landing information system, airport Markings and lighting.
40	150180106106	RAVAL KARAN MAHENDRAKUMAR	History of water transportation at world level and at national level development and policy,
41	150180106112	SHASHANK	Classification of harbours, natural and artificial.
42	150180106122	THAKUR AVINASH ANIL	Major ports in India,
43	150180106125	YADAV SHASHANK ANILKUMAR	Administrative set up of ports
44	150180106128	Omrove Singh	Harbour components,
45	160183106006	DARJI HARDIKKUMAR MOTILAL	Ship characteristics, characteristics of good harbour and principles of harbour planning,
46	160183106013	HOSHIYAR KHOZEMA ISMAILBHAI	Size of harbour, site selection criteria and layout of harbours,
47	160183106015	JADI VASIMAKRAM TAHIR	Surveys to be carried out for harbor planning.
48	160183106018	KALARA VIPULKUMAR RAKESHBHAI	Wind, waves, tides formation and currents phenomena, their generation characteristics and effects on marine structures,
49	160183106022	PARMAR RANJITBHAI DINESHBHAI	Silting, erosion and littoral drift.