

List of Courses for the Programme

(Semester wise)

Semester: I

S. No	Course Code	Course Title	Category	Contact Hours	L	T	P	C	M
THEORY									
1.	DBLEC01	Communicative English – I	HS	4	4	0	0	4	100
2.	DBITC01	Basics of Computer	ES	4	4	0	0	4	100
3.	DBCHC01	Engineering Chemistry	BS	4	4	0	0	4	100
4.	DBMTC01	Engineering Mathematics – I	BS	5	5	0	0	5	100
PRACTICAL									
5.	DBMCCPA	Engineering Graphics – I	ES	4	0	0	4	2	100
6.	DBWSCPA	Workshop Practices – I	ES	4	0	0	4	2	100
7.	DBCHCPA	Engineering Chemistry Lab	BS	2	0	0	2	1	100
8.	DBITCPA	Basics of Computer Lab	ES	2	0	0	2	1	100
TOTAL				29	17	0	12	23	

LEGEND:

- L – Lecture
- T – Tutorial
- P – Practical / Laboratory
- C – Credit
- M – Marks

CATEGORY:

- HS – Humanatatian Science
- BS – Basic Science
- ES – Engineering Science
- PC – Professional Core
- PE – Professional Elective
- EEC – Employment Enhancement Course

Semester: II

S. No	Course Code	Course Title	Category	Contact Hours	L	T	P	C	M
THEORY									
1.	DBLECC02	Communicative English – II	HS	4	4	0	0	4	100
2.	DBPHC01	Engineering Physics	BS	4	4	0	0	4	100
3.	DBMCC01	Engineering Mechanics	ES	4	4	0	0	4	100
4.	DBMTC02	Engineering Mathematics – II	BS	5	5	0	0	5	100
PRACTICAL									
5.	DBMCCPB	Engineering Graphics – II	ES	4	0	0	4	2	100
6.	DBWSCP	Workshop Practices – II	ES	4	0	0	4	2	100
7.	DBPHCPA	Engineering Physics Lab	BS	2	0	0	2	1	100
TOTAL				27	17	0	10	22	

LEGEND:

- L – Lecture
- T – Tutorial
- P – Practical / Laboratory
- C – Credit
- M – Marks

CATEGORY:

- HS – Humanatation Science
- BS – Basic Science
- ES – Engineering Science
- PC – Professional Core
- PE – Professional Elective
- EEC – Employment Enhancement Course

Semester: III

S. No	Course Code	Course Title	Category	Contact Hours	L	T	P	C	M
THEORY									
1.	DBNA301	Ship's Geometry & Hydrostatics	PC	3	3	0	0	3	100
2.	DBMC304	Fluid Mechanics & Fluid Machinery	ES	4	4	0	0	4	100
3.	DBNA302	Marine Materials And Metal Joining Techniques	PC	3	3	0	0	3	100
4.	DBMTC03	Engineering Mathematics – III	BS	5	5	0	0	5	100
5.	DBEEC01	Basic Electrical & Electronics Engineering	ES	4	4	0	0	4	100
PRACTICALS									
6.	DBMCCP B	Fluid Mechanics Lab	ES	2	0	0	2	1	100
7.	DBNA3PA	Ship Design Calculation & Drawing – I	PC	4	0	0	4	2	100
8.	DBEECPA	Basic Electrical & Electronics Lab	ES	2	0	0	2	1	100
TOTAL				27	19	0	8	23	

LEGEND:

L – Lecture
T – Tutorial
P – Practical / Laboratory
C – Credit
M – Marks

CATEGORY:

HS – Humanatation Science
BS – Basic Science
ES – Engineering Science
PC – Professional Core
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Semester: IV

S. No	Course Code	Course Title	Category	Contact Hours	L	T	P	C	M
THEORY									
1.	DBMC404	Thermodynamics	ES	3	3	0	0	3	100
2.	DBNA401	Ship Stability – Theory & Calculations	PC	4	4	0	0	4	100
3.	DBME401	Marine Engineering	PC	3	3	0	0	3	100
4.	DBMC405	Strength of Material	ES	3	3	0	0	3	100
PRACTICALS									
5.	DBMC4PD	Strength of Material Lab	ES	2	0	0	2	1	100
6.	DBNA4PA	Basics of CAD Software	PC	5	0	0	5	2	100
7.	DBNA4PB	Ship Design Calculation & Drawing – II	PC	5	0	0	5	2	100
8.	DBME4PA	Marine Engineering Lab	PC	2	0	0	2	1	100
TOTAL				27	13	0	14	19	

LEGEND:

L – Lecture

T – Tutorial

P – Practical / Laboratory

C – Credit

M – Marks

CATEGORY:

HS – Humanatation Science

BS – Basic Science

ES – Engineering Science

PC – Professional Core

PE – Professional Elective

EEC – Employment Enhancement Course

Semester: V

S. No	Course Code	Course Title	Category	Contact Hours	L	T	P	C	M
THEORY									
1.	DBNA501	Ship Design	PC	4	4	0	0	4	100
2.	DBNA502	Resistance & Powering of Ships	PC	4	4	0	0	4	100
3.	DBNA503	Marine Corrosion & Coating Engineering	PC	3	3	0	0	3	100
4.	DBNA504	Strength of Ships	PC	4	4	0	0	4	100
5.	DBNA505	Ship Construction	PC	4	4	0	0	4	100
PRACTICALS									
6.	DBNA506	Basics of Ship Design Software	PC	4	0	0	4	2	100
7.	DBNA5PA	Ship Design Calculation & Drawing – III	PC	6	0	0	6	3	100
8.	DBNA5PB	Shipyards Training	EEC	-	0	0	-	2	100
TOTAL				29	19	0	10	26	

LEGEND:

- L – Lecture
- T – Tutorial
- P – Practical / Laboratory
- C – Credit
- M – Marks

CATEGORY:

- HS – Humanities Science
- BS – Basic Science
- ES – Engineering Science
- PC – Professional Core
- PE – Professional Elective
- EEC – Employment Enhancement Course

Semester: VI

S. No	Course Code	Course Title	Category	Contact Hours	L	T	P	C	M
THEORY									
1.	DBNA601	Hull Survey, Repair & NDT	PC	3	3	0	0	3	100
2.	DBNA602	Quality Health Safety And Environmental Management	PC	3	3	0	0	3	100
3.	DBNA603	Material Take Off & Cost Estimation	PC	3	2	1	0	3	100
PRACTICALS									
4.	DBNA6PA	Major Project	EEC	-	0	0	16	8	100
TOTAL				9	8	1	0	17	

LEGEND:

- L – Lecture
- T – Tutorial
- P – Practical / Laboratory
- C – Credit
- M – Marks

CATEGORY:

- HS – Humanatation Science
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List of Courses for the Programme

(Category wise)

Humanation Science

S. No	Course Code	Course Title	Category	Contact Hours	L	T	P	C
1	DBLEC01	Communicative English – I	HS	4	4	0	0	4
2	DBLEC02	Communicative English – II	HS	4	4	0	0	4

Basic Sciences

S. No	Course Code	Course Title	Category	Contact Hours	L	T	P	C
1	DBCHC01	Engineering Chemistry	BS	4	4	0	0	4
2	DBMTC01	Engineering Mathematics – I	BS	5	5	0	0	5
3	DBCHCPA	Engineering Chemistry Lab	BS	2	0	0	2	1
4	DBPHC01	Engineering Physics	BS	4	4	0	0	4
5	DBMTC02	Engineering Mathematics – II	BS	5	5	0	0	5
6	DBPHCPA	Engineering Physics Lab	BS	2	0	0	2	1
7	DBMTC03	Engineering Mathematics – III	BS	5	5	0	0	5

Engineering Science

S. No	Course Code	Course Title	Category	Contact Hours	L	T	P	C
1	DBITC01	Basics of Computer	ES	4	4	0	0	4
2	DBMCCPA	Engineering Graphics – I	ES	4	0	0	4	2
3	DBWSCPA	Workshop Practices – I	ES	4	0	0	4	2
4	DBITCPA	Basics of Computer Lab	ES	2	0	0	2	1
5	DBMCC01	Engineering Mechanics	ES	4	4	0	0	4
6	DBMCCPB	Engineering Graphics – II	ES	4	0	0	4	2
7	DBWSCPB	Workshop Practices – II	ES	4	0	0	4	2
8	DBMC304	Fluid Mechanics & Fluid Machinery	ES	4	4	0	0	4
9	DBEEC01	Basic Electrical & Electronics Engineering	ES	4	4	0	0	4
10	DBMCCPB	Fluid Mechanics Lab	ES	2	0	0	2	1
11	DBEECPA	Basic Electrical & Electronics Lab	ES	2	0	0	2	1
12	DBMC404	Thermodynamics	ES	3	3	0	0	3
13	DBMC405	Strength of Material	ES	3	3	0	0	3
14	DBMC4PD	Strength of Material Lab	ES	2	0	0	2	1

Professional Core

S. No	Course Code	Course Title	Category	Contact Hours	L	T	P	C
1	DBNA301	Ship's Geometry & Hydrostatics	PC	3	3	0	0	3
2	DBNA302	Marine Materials And Metal Joining Techniques	PC	3	3	0	0	3
3	DBNA3PA	Ship Design Calculation & Drawing – I	PC	4	0	0	4	2
4	DBNA401	Ship Stability – Theory & Calculations	PC	4	4	0	0	4
5	DBME401	Marine Engineering	PC	3	3	0	0	3
6	DBNA4PA	Basics of CAD Software	PC	5	0	0	5	2
7	DBNA4PB	Ship Design Calculation & Drawing – II	PC	5	0	0	5	2
8	DBME4PA	Marine Engineering Lab	PC	2	0	0	2	1
9	DBNA501	Ship Design	PC	4	4	0	0	4
10	DBNA502	Resistance & Powering of Ships	PC	4	4	0	0	4
11	DBNA503	Marine Corrosion & Coating Engineering	PC	3	3	0	0	3
12	DBNA504	Strength of Ships	PC	4	4	0	0	4
13	DBNA505	Ship Construction	PC	4	4	0	0	4
14	DBNA506	Basics of Ship Design Software	PC	4	0	0	4	2
15	DBNA5PA	Ship Design Calculation & Drawing – III	PC	6	0	0	6	3
16	DBNA601	Hull Survey, Repair & NDT	PC	3	3	0	0	3
17	DBNA602	Quality Health Safety And Environmental Management	PC	3	3	0	0	3
18	DBNA603	Material Take Off & Cost Estimation	PC	3	2	1	0	3

Professional Elective

N/A

Open Elective

N/A

Empolymnt Enhancement Courses

S. No	Course Code	Course Title	Category	Contact Hours	L	T	P	C
1.	DBNA5PB	Shipyards Training	PC	-	0	0	-	2
2.	DBNA6PA	Major Project	PC	-	0	0	16	8