

APPENDIX -VIII

REGULATIONS FOR PG DIPLOMA (OPERATIONAL OCEANOGRAPHY)

1. Programme No 22-4202
2. Programme Name PG Diploma in Operational Oceanography
3. Programme Name Naval Equivalent Advanced Oceanography
4. Approving Authority IHQ, MoD (Navy)
5. Eligibility Criteria for Admission
 - (a) Officers nominated by IHQ, MoD (N)
 - (b) MSc Degree with P/ C/ M/ Meteorology/ Applied Meteorology from any recognised university
6. Duration

Semester I: 24 Weeks

Semester II: 24 weeks of OJT and Project Work
7. Attendance requirement 85% minimum

(Candidates remaining absent for more than 15% of total duration of the course are to be withdrawn with prior approval of HQSNC)
8. Nature Full Time
9. Approved intake capacity 20
10. Examination Pattern End semester examination paper setter will be other than the subject instructor
11. Minimum qualifying Marks 50 %
12. **Grading.**

(a) The following grades will be awarded based on the overall performance in each subject:-

Ser No	Range of Marks	Grades	Weightage
1	90% and above	S Outstanding	10
2	80 - 90%	A Excellent	9
3	70 - 80%	B Very Good	8
4	60 - 70%	C Good	7

Ser No	Range of Marks	Grades	Weightage
5	50 - 60%	D Satisfactory	6
6	Below 50%	F Failure	0

(Where (X - Y %) means X is included and Y is excluded)

(b) **Cumulative Grade Point Average.** Overall performance at the end of the semester will be indicated by Grade Point Average (GPA) as calculated below:-

$$\text{GPA} = \frac{G_1C_1 + G_2C_2 + G_3C_3 + \dots + G_nC_n}{C_1 + C_2 + C_3 + \dots + C_n}$$

Where 'G' refers to the grade weightage and 'C' refers to the credit value of the corresponding course undergone by the student. At the end of the final semester, the Cumulative Grade Point Average (CGPA) will be calculated based on the above formula considering the credits and grades earned during the entire program of study.

(c) **Classification of PG Diploma.**

Ser No	Classification	CGPA
1	First Class with distinction	8 and above
2	First Class	7 to <8
3	Second Class	6 to <7

(d) **Details of the Course and Credit Points.**

Course code	Paper	C/E	Credit
Semester – I			
22-4202-0101	Physical and Dynamical Oceanography	C	3
22-4202-0102	Statistical Methods and Numerical Ocean Models	C	3
22-4202-0103	Satellite Oceanography and Ocean Optics	C	3
22-4202-0104	Data Analysis and Quality Control	E	2
22-4202-0105	Oceanographic Instrumentation	C	3
22-4202-0106	Ocean Acoustics and Applications	C	3
22-4202-0107	Ocean Geo-Information System	E	2
22-4202-0108	Application of Oceanography in Indian Navy	C	3
22-4202-0109	MOOC Courses/ NPTEL	E	2
C + E		18 + 06 = 24	
Semester – II			
22-4202-0201	On Job Training, Project Dissertation and Viva Voce	C	16
C + E		16 + 00 = 16	
Total Credit Points		24 + 16 = 40	

Note: Accumulated minimum credits required for successful completion of the program is **36**