



# भारतीय नौसेना

## OFFICER COURSES

<u>Establishment/ School</u>	<u>Course</u>	<u>Scheduled Commencement</u>	<u>Duration (in weeks)</u>
<b>NIAT</b>	Air Engineer Officer Specialisation	Jul	52
	Air Electrical Officer Specialisation	Jul	52
<b>ND SCHOOL</b>	Long Navigation	May	31
<b>INS HAMLTA</b>	Data Base Manager	Jun	13
<b>INS VALSURA</b>	Electrical Specialisation	Jul	93
<b>NBCD SCHOOL</b>	NBCD Specialisation	Mar	16
<b>INS SHIVAJI</b>	Marine Engineering Specialisation Course (MESC)	Dec	79
<b>SIGNAL SCHOOL</b>	Long Communication	May	31
<b>INS DRONACHARYA</b>	Long Gunnery	Jun	34
<b>ASW SCHOOL</b>	Long ASW	Apr	31
<b>DIVING SCHOOL</b>	Ship Diving Officers Course (SDO)	Jan	8
<b>NIETT</b>	Instructional Technique (Training Management)	Jan	2
<b>NIH, GOA</b>	Long Hydrography Course (Long H)	Feb	47.5
	Basic Hydrography Course (Basic H)	Jun	29
<b>CLABS, KOCHI</b>	Leadership & Behavioural studies		3
<b>SNOM</b>	Op / Tac Meteorology & Oceanographic	Sep	1
	Satellite Meteorology	Nov	2
	Advanced Oceanography	Mar	24

**NAVAL CADETS  
(ALL BRANCHES)**

1. Name of Institution - National Defence Academy
2. Aim of Course - To develop in all cadets a high standard of Mental, moral, and physical qualities and characteristics of leadership, which are essential for bringing them to the Graduate level of academic qualification.
3. Pre Course Requirements -
  - (a) Age . 16 ½ to 19 years.
  - (b) Education. Senior Secondary (10+2) with Physics and Maths.
  - (c) Medically Fit.
4. Duration - 3 Years
5. Frequency - Twice a year (Generally commences in Jan & Jul)
6. Venue - National Defence Academy (NDA)  
Khadakvasla  
Pune, Maharashtra
7. Remarks - Cadets, on successful completion of the Course are awarded BSc Degree.
8. Post Course Recommendation - One year mandatory sea training as cadet/ Midshipmen to consolidate initial training.

## **LEADERSHIP & BEHAVIOURAL STUDIES COURSES FOR OFFICERS**

1. Name of Institution - Centre for Leadership & Behavioural Studies (CALBS)
2. Aim of Course -
  - (a) To develop leadership qualities among Officers with special emphasis/ thrust on human behaviour aspects.
  - (b) To provide feedback on personality aspects and guide young officers on personality development.
3. Duration -
  - (a) One week (At long course level)
  - (b) Three weeks (At SLt technical Courses level)
4. Frequency -
  - (a) Once a year (For long course)
  - (b) Varying schedule for others
6. Venue - CLAB  
Naval Base  
Kochi.

**TRAINING MANAGEMENT COURSES (OFFICERS)  
(ALL BRANCHES)**

1. Name of Institution - Naval Institute of Educational and Training Technology (NIETT)
2. Aim of Course - To be able to :-
  - (a) To translate performance needs into training needs, identifying training and non training interventions.
  - (b) Design and develop a training course.
  - (c) Implementation and manage training in the establishment.
  - (d) Evaluate training for enhancing efficiency and effectiveness.
  - (e) Build an effective training team.
3. Pre Course Requirements -
  - (a) Cdr/ Lt Cdr with 3 years and above Seniority.
  - (b) Assignments based on precourse material are to be compiled.
4. Duration - 02 weeks.
5. Frequency - Twice a year
6. Venue - NIETT  
INS Venduruthy  
Naval Base  
Kochi
7. Post Course Recommendation - Officers could be posted as;-
  - (a) Training Co-ordinator.
  - (b) Training Commander.
  - (c) Chief Instructor.

## **INSTRUCTIONAL TECHNIQUES (OFFICERS)**

### **(FOR ALL BRANCHES)**

1. Name of Institution - Naval Institute of Educational and Training Technology (NIETT)
2. Aim of Course -
  - (a) To select the most appropriate method(s) for instruction depending on the target group.
  - (a) To impart instructions for maximum Transfer of Learning.
  - (c) To Evaluate the trainees at reaction and learning levels and facilitate job level evaluation by obtaining necessary feedback from user units.
  - (d) Incorporate necessary value addition to the existing master syllabus and lesson plans.
3. Pre Course - Lt/ Lt Cdrs of all branches appointed in Training Billets
4. Duration - 02 Weeks
5. Frequency - 04 courses per year
6. Venue - NIETT  
INS Venduruthy  
Naval Base  
Kochi – 682001
7. Post Course Recommendation - Officers to be appointed in training billets.

## **SHIPS DIVING OFFICERS COURSE (ALL BRANCHES)**

1. Name of Institution - Diving School
2. Aim of Course - To enable officers to:-
  - (a) Achieve proficiency in underwater routine diving tasks.
  - (b) Carry out underwater inspections, cleaning and maintenance of underwater fitting using open circuit and close circuit breathing apparatus.
3. Pre Course Requirements -
  - (a) Officers must be below 27 years if age.
  - (b) Officers must be physically strong.
4. Duration - 08 weeks.
5. Frequency - Twice a year
6. Venue - Diving School  
INS Venduruthy  
Naval Base  
Kochi.
7. Related Course -
  - (a) CDO spécialisation
  - (b) Professional courses of own profession.
8. Post Course Recommendation - Officers to be appointed onboard ships to carry out diving duties, in addition to their own professional duties.

## **NBCD COURSE**

### **(OFFICERS OF EXECUTIVE/ ELECTRICAL/ MARINE ENGINEERING BRANCHES)**

1. Name of Institution - INS Shivaji
2. Aim of Course - To enable officers to perform duties of:-
  - (a) NBCDO of major war vessels.
  - (b) Instructor in NBCD Schools.
  - (c) Staff Officer in Fleet and Command Headquarters
3. Pre Course Requirements -
  - (a) Officers at the rank of Lt with 2 to 4 years seniority from X, L & E Branches
  - (b) Must be in possession of Watch keeping Certificate.
4. Duration - 16 weeks.
5. Frequency - Once a year
6. Venue - NBCD School  
INS Shivaji  
Lonavla
7. Post Course Recommendation -
  - (a) Officers to be appointed onboard ships for mandatory sea experience.
  - (b) On attachment of sea experience officers May be appointed as Staff Officer NBCD in Fleet/ Command headquarter.

**LONG ELECTRICAL DATA PROCESSING COURSE  
(ALL BRANCHES)**

1. Name of Institution - INS Hamla
2. Aim of Course - To be able to:-
  - (a) Familiarize with basic concept of computers.
  - (b) Understand utilities of software packages.
  - (c) Use programming technique.
  - (d) Understand management of computer centre.
  - (e) Carry out system analysis and design.
3. Pre Course Requirements -
  - (a) Officers of all branches can avail this course.
  - (b) Officers must have aptitude for computers.
4. Duration - 24 weeks.
5. Frequency - Once a year
6. Venue - INS Hamla.  
Marve, Malad.  
Mumbai.
7. Post Course Recommendation - Officers to be appointed in EDP Centres



## **LONG NAVIGATION & DIRECTION COURSE (LND)**

1. Name of Institution - Navigation and Direction School
2. Aim of Course -
  - (a) Safe and timely navigation of a ship and a squadron of ships.
  - (b) To advise the command on ship handling and navigation matters.
  - (c) To carry out the duties of operations of a ship.
  - (d) To direct and control aircraft.
  - (e) To carry out miscellaneous duties of a Navigating Officer.
  - (f) To act as ship's meteorological officer in ships where no qualified Met officer is borne.
  - (g) To use all nav - aids and navigational equipment available onboard ships.
  - (h) To carry out the day-to-day administration of the ND department.
3. Pre Course Requirements -
  - (a) Lieutenant of executive branch with years to 4 years of seniority.
  - (b) Possession of watch keeping certificate
  - (c) Educational Qualification. Graduation with Maths and Physics
4. Duration - 48 Weeks
5. Frequency - Once in year commencing in Jun every year
6. Venue - ND School, INS Venduruthy  
Naval Base, Kochi – 682004
7. Post Course Recommendation -
  - (a) Officers to be appointed on board ships for 3 to 4 years as specialists.

(b) Officers on completion of sufficient sea time could be appointed as instructor in professional school and as officers in Fleet/Command Headquarters.

8. DEGREE AWARDED - Cochin University of Science and Technology (CUSAT) awards a MSc degree in Nautical Science and Tactical operations to the officers on successful completion of the course.
9. DOCUMENTS REQUIRED -
- (a) Class X original certificate for date of birth.
  - (b) BSc original certificate and mark sheet
  - (c) Original Migration certificate.

**LONG GUNNERY COURSE  
(EXECUTIVE BRANCH)**

1. Name of Institute - INS Dronacharya.
2. Aim of Course - To enable officers to carry out the duties of specialist Gunnery Officer:-
  - (a) Gunnery officer of a Frigate or a Capital Ship.
  - (b) Gunnery Officer of an Air Station.
  - (c) Squadron Gunnery Officer.
3. Pre Course Requirement -
  - (a) Lieutenant of Executive Branch with 21/2 years to 4½ years seniority.
  - (b) Possession of watch keeping certificate and experience in specialization.
  - (c) Education. Graduate with Maths and Physics.
4. Duration - 36 Weeks.
5. Frequency - Once in a year (Generally commences in June)
6. Venue - INS Dronacharya  
Fort Kochi  
Kochi.
7. Post Course Recommendation -
  - (a) Officers to be appointed on board ship for 3 to 4 years as specialist.
  - (b) Officers on completion of sufficient sea time, could be appointed as Instructor in Professional schools and as Staff Officers in Fleet/ Command Headquarters.

**LONG ASW (INDIAN) COURSE  
(EXECUTIVE BRANCH)**

1. Name of Institution - Anti Submarine Warfare School
2. Aim of Course - To enable officers to carry out the duties of Specialist ASW officers as under:-
  - (a) ASW Officer of a frigate destroyer, Mine sweeper or a capital ship.
  - (b) Squadron ASW Officer.
  - (c) Electronic Warfare Officer of a ship.
3. Pre Course Requirements -
  - (a) Lieutenants of Executive Branch with 2 ½ to 4 ½ years of seniority.
  - (b) Possession of watch keeping certificate and experience in specialization.
  - (c) Education. Graduation with Maths and Physics.
4. Duration - 48 Weeks
5. Frequency - Once a year (Generally commences in Jun)
6. Venue - Anti Submarine Warfare School  
INS Venduruthy  
Naval Base  
Kochi-682 004
7. Post Course Recommendation -
  - (a) Officers to be appointed on board ships for 2 to 3 years as specialists.
  - (b) Officers on completion of sufficient sea time could be appointed as instructors in professional Schools and as Staff officers in Fleet/Command Headquarters.
8. Accreditation - Master's Degree in Underwater Science and Technology by Cochin University.

**LONG ASW (INTERNATIONAL) COURSE  
(EXECUTIVE BRANCH)**

1. Name of Institution - Anti Submarine Warfare School.
2. Aim of Course - To enable officers to carry out the duties of Specialist ASW officers as ASW Officer of different class of ships.
3. Pre Course Requirements -
  - (a) Completed Sub Lieutenant Tech course
  - (b) Lieutenants of Executive Branch with 4 years of seniority.
4. Duration - 48 Weeks
5. Frequency - Once a year (Generally commences in Jun)
6. Venue - Anti Submarine Warfare School  
INS Venduruthy  
Naval Base  
Kochi-682 004
7. Post Course Recommendation -
  - (a) Appointed as per NHQ directives on various class of ships.
  - (b) Officers on completion of sufficient sea time could be appointed as instructors in professional Schools.

## INDIAN NAVAL ACADEMY COURSE (INAC)

1. Name of Institution - Indian Naval Academy
2. Aim of Course - The aim of the course is to transform young Cadets into Naval Officers. The course aims to impart academics training to enable the cadets to graduate as Bachelor of Technology in the field of Mechanical Engineering & electrical and communication Engineering from Jawaharlal Nehru University. The training pattern endeavours to achieve a balanced combination of instruction in Academics, Service Subjects, Outdoor Training (ODT) and Extra Curricular Activities (ECA) spaced over the entire training duration of four years with core focus on transforming the trainees into Naval Officers and gentlemen.
3. Pre Course Requirements -
  - (a) Age. 16 ½ to 19 years.
  - (b) Education. Qualify Senior Secondary (10+2) (Level 2)/ 'A' level with Physics, Chemistry and Mathematics as the main subjects, with a minimum aggregate of 55%.
  - (c) Medically fit .
4. Duration - 04 Years
5. Frequency - Twice a year (course commences in Jan & Jul)
6. Venue - Indian Naval Academy (INA), Ezhimala, Naval Academy PO, Kannur - 670 310.  
Tel : 04985-225040  
E-Mail: [ina-navy@nic.in](mailto:ina-navy@nic.in)

## **NAVAL ORIENTATION COURSE (NOC)**

1. Name of Institution - Indian Naval Academy
2. Aim of Course - NOC course is wholly oriented towards Service training as well as physical training, swimming, drill and waterman ship, aimed at developing leadership qualities in consonance with the Naval Value System, thereby, transforming the trainees into Naval Officers and gentlemen with greater emphasis on Service subjects, Leadership and Management.
3. Pre Course Requirements -
  - (a) Age. 19 to 24 years.
  - (b) Education. Graduation and above, B. Tech. for Technical branches, LLB for Law.
  - (c) Medically fit.
4. Duration - 22 Weeks
5. Frequency - Twice a year (course commences in Jan & Jul)
6. Branches -
  - (a) SLt (X) & GSES
  - (b) SLt (PC, SSC & UES) of Marine & Electrical engineering, Naval Architecture, ATC, Law, Logistics, Submarine, Musical Branch, Pilots and observers.
7. Venue - Indian Naval Academy (INA),  
Ezhimala,  
Naval Academy PO,  
Kannur-670 310.  
Tel : 04985-225040  
E-Mail: [ina-navy@nic.in](mailto:ina-navy@nic.in)

**AIR ELECTRICAL SPECIALISATION COURSE  
(LONG COURSE)  
(AVIATION BRANCH)**

1. Name of Institution - Naval Institute of Aeronautical Technology
2. Aim of Course - To be able to:-
  - (a) Gain knowledge in Aeronautical Electrical Systems and Communication Systems.
  - (b) Train in Operation, Maintenance And Administration of Naval Aircraft.
3. Pre Course Requirements - Officers should have:-
  - (a) Degree in Electrical / Electronics Engineering.
  - (b) Undergone Naval Orientation Course (NOC).
  - (c) Undergone electrical Specialization Course.
  - (d) Competency Certificate.
4. Duration - 52 Weeks
5. Frequency - Twice in a year (Mid Jan & Mid Jul)
6. Venue - Naval Institute of Aeronautical Technology (NIAT)  
Naval Base  
Kochi-682 004
7. Qualification Gained - M-Tech Aeronautics (Electrical) subject to approval.
8. Post Course Recommendation - Officers to be appointed as air Electrical Officer onboard Ship or Air Squadrons post completion of competency.



**AIR ENGINEERING SPECIALISATION COURSE  
(LONG COURSE)  
(AVIATION BRANCH)**

1. Name of Institution - Naval Institute of Aeronautical Technology
2. Aim of Course - To be able to:-
  - (a) Gain knowledge in Aeronautical Electrical Systems and Aircraft Weaponry Systems.
  - (b) Train in Operation, Maintenance and Administration of Naval Aircraft.
3. Pre Course Requirements - Officers should have:-
  - (a) Degree in Mechanical / Aeronautical Engineering.
  - (b) Undergone Naval Orientation Course (NOC)
  - (c) Undergone Mechanical Engineering Conversion Course
  - (d) Engine Room Watch keeping Certificate
4. Duration - 52 Weeks
5. Frequency - Twice in a year (Mid Jan & Mid Jul)
6. Venue - Naval Institute of Aeronautical Technology (NIAT)  
Naval Base  
Kochi-682 004
7. Qualification Gained - M-Tech Aeronautics (Engineering)  
subject to approval.
8. Post Course Recommendation - Officers to be appointed as Air Engineering Officer onboard Ship or Air Squadrons post completion of competency.

## **ADVANCE 'H' COURSE**

1. Aim of Course - To enable officers to qualify for Charge Surveyor Grading, which is a qualification required for command of Survey Ships.
2. Pre Course - (a) Successful completion of Long 'H' course  
OR  
Cat 'A' Certification from IHO-FIG  
(b) Practical experience of 5 to 6 years after Completion of Long 'H' Course.  
(c) Sufficient knowledge to take charge of Independent survey
3. Duration - 10 Weeks from Early Jul
4. Frequency - Once a Year
5. Venue - National Institute of Hydrography
6. Post Course Recommendation - Officers to be appointed onboard ships for sea experience.

## LONG 'H' COURSE

1. Aim of Course
  - To train officers in:-
    - (a) Technology and equipment pertaining to:-
      - (i) Nautical charting
      - (ii) Coastal Zone Management
      - (iii) Industrial Offshore Surveying
    - (b) Prepare them for independently planning and executing hydrographic surveys as Senior Hydrographic Surveyor onboard Survey Ships.
2. Pre Course Requirement
  - (a) Successful completion of Basic 'H' course
  - OR
  - Cat 'B' Certification from IHO-FIG
  - (b) Graduation with Maths and Physics for M Sc (Hydrography) Degree from Goa University\*
  - (c) Minimum of 2 ½ years experience in Hydrographic Surveying on completion of Long 'H' Course
3. Duration
  - (a) 53 Weeks for Indian students from Mid Mar
  - (b) 47 Weeks for International students from Mid Feb
4. Frequency
  - Once a Year
5. Venue
  - National Institute of Hydrography
6. Post Course Recommendation
  - Officers to be appointed onboard ships n for sea experience.

## **BASIC 'H' COURSE**

1. Aim of Course - To enable officers to undertake duties of Assistant Hydrographic Surveyor
2. Pre Course Requirement -
  - (a) Possession of watch keeping Certificate.
  - (b) Graduation with Maths and Physics.
3. Duration -
  - (a) 29 Weeks for Indian students from Mid Jul.
  - (b) 27 Weeks for International students from End Jun
4. Frequency - Once a Year
5. Venue - National Institute of Hydrography
6. Related Course - Long 'H'
7. Post Course Recommendation -
  - (a) Officers to be appointed onboard ships for 2 to 3 years on specialist Duties.
  - (b) On completion of sea time, officers are recommended to undergo Long 'H' Course.

## PRE FLIGHT TRAINING FOR PILOTS

1. Name of Institution - SFNA
2. Aim of Course - To be able to impart basic knowledge on:-
  - (a) Principles of flight
  - (b) Airmanship
  - (c) Pressure, Gyro Aircraft instruments, Airframe and procedures related to Air Navigation
  - (d) Meteorology associated with flying and Aviation Medicine.
3. Pre Course Requirements -
  - (a) Age. Below 24 years
  - (b) Should have completed SLT(X) Tech Course
  - (c) Should have cleared PABT and Aviation Medical
4. Approximate Start Dates & Duration - End May and End Nov 05 Weeks
5. Frequency - Twice a year
6. Venue - SFNA
7. Post Course Recommendation - Officers to undergo Basic Flying training at Air Force Academy.

## AIR TRAFFIC RADAR CONTROLLERS' COURSE

1. Name of Institution - SFNA
2. Aim of Course - To enable officers to achieve proficiency towards provision of Air Traffic Services by practical application of Radar.
3. Pre Course Requirements - Air Traffic Controllers with minimum of CAT 'B' rating
4. Approximate Start Dates & Duration - End May and Early Aug 09 Weeks
5. Frequency - Twice a year
6. Venue -
  - (a) ND School - 01 Week
  - (b) SFNA - 02 Weeks
  - (c) OJT Rajali / Hansa - 04 Weeks
  - (d) Simulator Training - 02 Weeks
7. Post Course Recommendation - Officers to be appointed to Air Stations

## ***SUB LIEUTENANT SSC (ATC) AIRMANSHIP***

1. Name of Institution - SFNA
2. Aim of Course - To be able to provide officers with Understanding of:-
  - (a) The Organization of Naval Air Station and A/C Carrier.
  - (b) Safety and photo equipments
  - (c) Aircraft Handling and Crash Fire fighting Arrangements.
  - (d) Air field, Basic Air Navigation, Nav aids and Meteorology.
3. Pre Course Requirements -
  - (a) Should have completed Basic Air Traffic Controller Course.
  - (b) Should have been promoted to the rank of SLt.
4. Approximate Start Dates & Duration - Early Jan 03 Weeks
5. Frequency - Once in a year
6. Venue - SFNA
7. Post Course Recommendation - Officers appointed to Air Stations on completion of further training at CLABS, Hamla and Shivaji.

**SUB LIEUTENANT (SPECIAL DUTY)  
POST PROMOTION COURSE (X) AVIATION**

1. Name of Institution - SFNA
2. Aim of Course - To train officers to perform the duties as ATCO/HCO/ACRO/AOOD onboard Carrier
3. Pre Course Requirements - Should have been promoted to the rank of SLt (SD)
4. Approximate Start Dates & Duration - Early Jun and Early Dec 5.2 Weeks
5. Frequency - Twice a year
6. Venue - SFNA
7. Post Course Recommendation - Officers to be appointed to billets requiring Specialized branch skills.



## **PRE COMMAND TRAINING FOR AVIATION COMMAND**

1. Name of Institution - SFNA
2. Aim of Course - To enable Commanding Officers to Appreciate the overall operational planning/Management and utilization of Aviation and assets along with methodology of its execution.
3. Pre Course Requirements - Commanding Officers of Air Station, Flight Commanders.
4. Approximate Start Dates & Duration - Mid Oct; 02 weeks.
5. Frequency - Once in a year
6. Venue - SFNA
7. Post Course Recommendation - Officers should be posted as:-
  - (a) CO to Air Station.
  - (b) CO of Air Squadron.
  - (c) Flight Commander.

**PRE FLIGHT TRAINING FOR NON-AIRCREW  
UAV OPERATOR**

- |    |                                    |   |  |
|----|------------------------------------|---|--|
| 1. | Name of Institution                | - | SFNA   |
| 2. | Aim of Course                      | - | To enable officers to execution of UAV operator duties by build up a sound foundation in Basic Airmanship. |
| 3. | Pre Course Requirements            | - | N A  |
| 4. | Approximate Start Dates & Duration | - | Sep 02 Weeks   |
| 5. | Frequency                          | - | Once in a year   |
| 6. | Venue                              | - | SFNA   |
| 7. | Post Course Recommendation         | - | Officers to be appointed to UAV Squadrons.   |

## SE AND SO COURSE

1. Name of Institution - SFNA
2. Aim of Course - To train officers in all aspects of Safety equipments and Aircrew survival matters to enable them to carry out the duties of SE & SO.
3. Pre Course Requirements - Officers of Aviation Cadre
4. Approximate Start Dates & Duration - Early Aug 03 Weeks
5. Frequency - Once in a year
6. Venue - SFNA
7. Post Course Recommendation - Officers to be appointed to Air Station / Aircraft Carrier as SE & SI.

## **ADVANCE METEOROLOGICAL COURSE (OJT)**

1. Name of Institution - School of Naval Oceanology and Meteorology
2. Aim of Course - To give firsthand experience after completion of Advance Met Course at IMD, Pune.
3. Pre Course Requirements - Advance Met Course at IMD, Pune
4. Duration - 03 Weeks
5. Frequency - Once a Year (Commences in Sep)
6. Venue - School of Naval Oceanography and Meteorology (SNOM), Kochi
7. Post-Course Recommendation - Officers to be appointed onboard Ships / Shore Establishments for operational requirements at Met Offices.

## **SATELLITE METEOROLOGY COURSE**

1. Name of Institution - School of Naval Oceanology and Meteorology.
2. Aim of Course - To train the officer to interpret the Satellite Imageries and products to forecast various weather phenomenon.
3. Pre-Course Requirements - Advance Meteorological Course
4. Duration - 02 Weeks
5. Frequency - Once in Two Years
6. Venue - School of Naval Oceanography and Meteorology (SNOM), Kochi
7. Post-Course Recommendation - Officers to be appointed onboard Ships / ashore Establishments for operational requirements at Met Offices.

## ***ADVANCED OCEANOGRAPHY COURSE***

1. Name of Institution - School of Naval Oceanology and Meteorology
2. Aim of Course - To train the officers in physical oceanography Ocean instruments, ASW applications, ocean modeling and ocean data processing etc. for Operational forecasting (Course leads to the award of M. Phil by CUSAT, subject to qualifying criteria).
3. Pre-Course Requirements - Advance Meteorological Course
4. Duration - 24 Weeks
5. Frequency - Once in Two Years
6. Venue - School of Naval Oceanography and Meteorology (SNOM), Kochi
7. Post-Course Recommendation - Officers to be appointed onboard Ships / ashore Establishments for operational ocean forecasting requirements.

## **LONG COMMUNICATION COURSE (EXECUTIVE BRANCH)**

1. Name of Institution - Signal School
2. Aim of Course - To enable Officers to carry out duties of specialist Communication Officers as under:-
  - (a) Signal Communication officer of a frigate or a Capital Ship.
  - (b) Squadron Communication officer.
  - (c) Electronic Warfare Officer of a frigate or Capital.
3. Pre Course Requirement -
  - (a) Lieutenants of Executive Branch with 2 ½ to 4 ½ years seniority.
  - (b) Possession of watch keeping certificate and experience in specialization.
  - (c) Education. Graduate with Maths and Physics.
4. Duration - 35 Weeks.
5. Frequency - Once in a year (Generally commence in May)

**AB - INITIO COURSE FOR  
EDUCATION BRANCH OFFICERS**

1. Name of Institution - Naval Institute of Educational and Teacher Training (NIETT)
2. Aim of Course -
  - (a) Comprehend the basic tenets of Teaching – learning process.
  - (b) Select the most appropriate Method of Instruction.
  - (c) Impart Instructions for maximum 'Transfer of Learning'.
  - (d) Select the most appropriate 'Test Tool' for evaluation of trainees in three stages of learning.
  - (e) Carry out Training need analysis (TNA) for various performance problems in the field of training of the unit served by the trainees.
  - (f) Design and develop training course.
  - (g) Assists in implementing and managing training in a training unit/ school.
  - (h) Write simple database program.
3. Pre-Course Requirements - The course is a part of basic training given to the direct entry Education Officers on completion of naval Orientation course at INA (20 Weeks), D& M Course, & CLABS attachment.
4. Duration - The course is divided into 4 phases:
  - (a) Computer Application – 3 Weeks
  - (b) Training Technology Phase - 8 Weeks
  - (c) Computer aided Instructions – 3 WeeksTotal: 14 Weeks



5. Frequency - Twice in a Year
6. Venue - NIETT  
INS Venduruthy, Naval Base, Kochi
7. Related Courses - Long Course in Gunnery/ ASW/ ND/  
Communication/ Meteorology and  
Oceanography
8. Post-Course Recommendation - Officers to be appointed as Instructor onboard  
in professional schools

## MARINE ENGINEERING

### SPECIALISATION - PHASE I

1. Name of Institution - INS Shivaji
2. Aim of Course - To enable Officers to undergo Marine Engineering Conversion.
3. Pre Course Requirement - Officers should have successfully completed Naval Orientation Course at NAVAC/ B Tech at NEC, INS Shivaji
4. Duration - (a) 28 weeks ( Includes 3 Week Scientific Orientation, 2 weeks of NBCD, 4 Weeks of D & M, 2 weeks of BSD, 3 Weeks of CLABS and 2 Weeks of leave).
5. Frequency - Twice in a year
6. Venue - Centre for Marine Engineering training  
INS Shivaji  
Lonavla
7. Related Course - Marine Engineering Specialization Course  
Phase II (MESC II)
8. Post – Course Recommendation - Officers must be appointed on board ship for obtaining watch keeping Certificate.

## **MARINE ENGINEERING SPECIALISATION – PHASE II**

1. Name of Institution - INS Shivaji
2. Aim of Course - To provide advance professional training to carry out the duties of Marine Engineer Officer on board the ships, dockyard, and Staff appointments
3. Pre Course Requirement - Officers should have successfully completed Marine Engineering Specialization Course Phase I, INS Shivaji
4. Duration - 21 Weeks
5. Frequency - Twice in a year
6. Venue - Centre for Marine Engineering training  
INS Shivaji  
Lonavla
7. Post – Course Recommendation - (a) Officers must be appointed on board ship for sea time.  
(b) After 2 to 3 years of sea time, officer to be appointed in dockyards, Command headquarters.

## ***ELECTRICAL SPECIALISATION COURSE***

1. Name of Institution - INS Valsura
2. Aim of Course - To provide advanced professional training with a view to prepare officers to carry out the duties of Electrical Officers onboard ships and to advise senior officers on Electrical policy matters.
3. Pre - Course Requirement - Officers should have completed B Tech Degree Course.
4. Duration - 94 Weeks
  - (a) Scientific Orient Course - 04 Weeks
  - (b) Phase I (Technology Trg) - 22 Weeks
  - (c) DIAT, Pune - 02 Weeks
  - (d) Phase II (Gen Equip Ph) – 13 Weeks
  - (e) Ph III (Specialised Equipment Phase) - 22 Weeks
  - (f) Leadership & Behavioural Studies Course - 03 Weeks
  - (g) D&M Course - 04 Weeks
  - (h) BSD course - 02 Weeks
  - (j) NW & MT (at IAT, Pune) - 02 Weeks
  - (k) Afloat Competency - 18 weeks
  - (l) Leave - 06 Weeks
5. Frequency - Twice a year (course commenced in Jun and Dec)
6. Venue - INS Valsura, Jamnagar
7. Related Course - Equipment Oriented Training course
8. Post-Course Recommendation - (a) Officers may be appointed onboard ships for mandatory sea time.

(b) After 2 to 3 years of sea time, Officers to be appointed in Dockyards / Command Headquarters.

**Note:** Equipment training is conducted during Phase III of the Specialization Course. This can be structured to suit the equipment oriented training requirements of individual countries.

**SUB LIEUTENANT (SPECIAL DUTY)  
POST PROMOTION COURSE (LOGISTICS, REGULATION, AND MEDICAL BRANCHES)**

1. Name of Institution - NIETT, Hamla, Shivaji
2. Aim of Course - To enable officers to perform the duties of Special Duty Officers in their respective departments.
3. Pre Course Requirements -
  - (a) Should have been promoted to of SLt (SD)
  - (b) Age not more than 38 years.
4. Duration - 14 Weeks break down as follows:
  - (a) Scientific Orientation – 3 Weeks
  - (b) Divisional & Management – 7 Weeks.
  - (c) Computer Application – 2 Weeks
  - (d) NBCD – 2 Weeks
5. Frequency - Once in a year
6. Venue - As per para I above course commences with 3 weeks Scientific Orientation Course at NIETT, Kochi
7. Post Course Recommendation - Officers to be appointed to billets requiring Specialized branch skills.

**SUB LIEUTENANT (SPECIAL DUTY)  
POST PROMOTION COURSE  
(AVIATION TECHNICAL BRANCHES)**

1. Name of Institution - NIETT, Hamla, Shivaji, NIAT
2. Aim of Course - To enable officers to perform the duties of Special Duty Officers in their respective departments.
3. Pre Course Requirements -
  - (a) Should have been promoted to of SLt (SD)
  - (b) Age not more than 38 years.
4. Duration - 28 Weeks break down as follows:
  - (a) Scientific Orientation – 3 Weeks
  - (b) Divisional & Management – 7 Weeks.
  - (c) Computer Application – 2 Weeks
  - (d) NBCD – 2 Weeks
  - (e) Aviation – 14 Weeks
5. Frequency - Once in a year
6. Venue - As per para I above course commences with 3 weeks Scientific Orientation Course at NIETT, Kochi
7. Post Course Recommendation - Officers to be appointed to billets requiring Specialized branch skills.

**SUB LIEUTENANT (SPECIAL DUTY)  
POST PROMOTION COURSE  
(AVIATION NON - TECHNICAL BRANCHES)**

1. Name of Institution - NIETT, Hamla, Shivaji, SFNA
2. Aim of Course - To enable officers to perform the duties of Special Duty Officers in their respective departments.
3. Pre Course Requirements -
  - (a) Should have been promoted to of SLt (SD)
  - (b) Age not more than 38 years.
4. Duration - 26 Weeks break down as follows:
  - (a) Scientific Orientation – 3 Weeks
  - (b) Divisional & Management – 7 Weeks.
  - (c) Computer Application – 2 Weeks
  - (d) NBCD – 2 Weeks
  - (e) Aviation – 12 Weeks
5. Frequency - Once in a year
6. Venue - As per para I above course commences with 3 weeks Scientific Orientation Course at NIETT, Kochi
7. Post Course Recommendation - Officers to be appointed to billets requiring Specialized branch skills.



**SUB LIEUTENANT (SPECIAL DUTY)  
POST-PROMOTION COURSE  
(EXECUTIVE BRANCHES)**

1. Name of Institution - NIETT, Hamla, Shivaji, Valsura, Diving School, Signal School, ND School & ASW School
2. Aim of Course -
  - (a) To enable officers to perform the duties of OOW / OOD.
  - (b) To carry out the duties of Special Duty Officers in their respective specialization.
3. Pre - Course Requirement -
  - (a) Officers should have been promoted SLt (SD).
  - (b) Age. Not more than 38 years.
4. Duration - 31 Weeks. Breakdown of course:-
  - (a) Scientific Orientation - 03 Weeks
  - (b) Divisional & Management - 07 Weeks
  - (c) Computer Applications - 02 Weeks
  - (d) NBCD - 02 Weeks
  - (e) Engineering - 01 Weeks
  - (f) Electrical - 01 Weeks
  - (g) Gunnery - 02 Weeks
  - (h) ASW - 02 Weeks
  - (j) Communication - 02 Weeks
  - (k) Diving - 01 Weeks
  - (l) Navigation - 04 Weeks
  - (m) Operations - 04 Weeks

- 5. Frequency - Once in a year
- 6. Venue - As in para 1 above, course  
  
Commences with 3 weeks Scientific Orientation Course at NIETT, Kochi.
- 7. Post-Course Recommendation -
  - (a) Officers to be appointed onboard ships for duties of Watch keeping Officer and Sub-Departmental Officer.
  - (b) Officers could be appointed to shore billets requiring specialized branch skill.

## **SUB LIEUTENANT (SPECIAL DUTY)**

### **MARINE ENGINEERING POST-PROMOTION COURSE**

1. Name of Institution - INS Shivaji
2. Aim of Course - To enable officers to perform the duties of:-
  - (a) Asst. to Specialist Engineer Officer
  - (b) Asst. Manager in Dockyards
  - (c) Controller of NBCD Team
3. Pre - Course Requirement -
  - (a) Should have been successfully completed Pre-Promotion Course.
  - (b) Should have been promoted to the rank of SLt.
4. Duration - 30 Weeks.
5. Frequency - Twice a year
6. Venue -
  - (a) Scientific Orientation – NIETT - 03 weeks
  - (b) D&M, BSD & CA - 09 Weeks
  - (c) NBCD - 02 Weeks
  - (d) INS Shivaji -16Weeks  
(includes 02 Weeks Project work)
7. Post-Course Recommendation -
  - (a) Officers to be appointed onboard ships for mandatory sea experience.
  - (b) On attainment of sufficient sea experience, officers to be appointed in Dockyards / Command Headquarters.