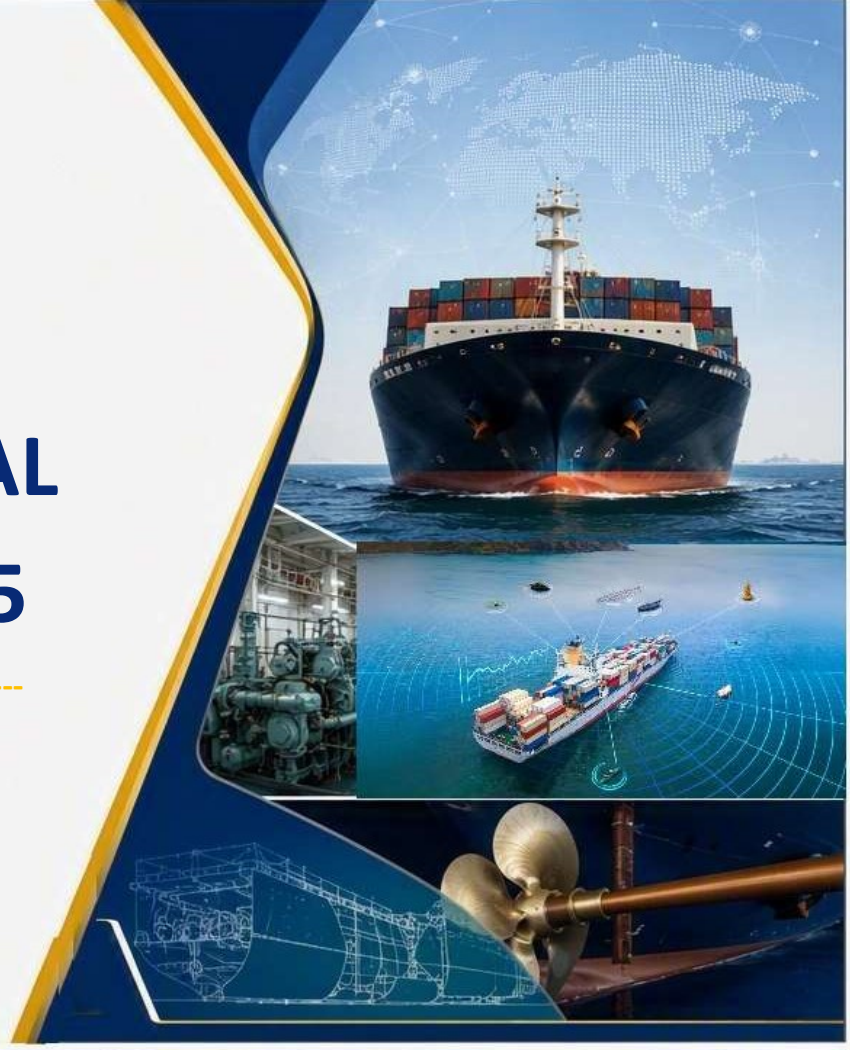


STCW ANNUAL REPORT 2025

----------o (ENGINEERING) o----------



Examination, Assessment & Certification Branch

Directorate General of Maritime Administration,
Ministry of Ports, Shipping & Waterways,
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Message from the Director General of Maritime Administration



It is with great satisfaction that I present the Annual Report 2025 on the Examination, Assessment, and Certification (EAC) activities undertaken by the Engineering Wing of the Directorate General of Maritime Administration. This report captures the evolving landscape of India's maritime examination and certification regime, underscoring the commitment of the Directorate to modernize and reform its systems in line with international best practices.

The Merchant Shipping has undergone significant technological advancements, particularly in recent decades. These changes encompass a wide range of areas, including propulsion systems, materials, navigation, automation, and environmental sustainability. The Directorate General of Maritime Administration is actively involved in pro-active initiatives to ensure that India retain the highest quality standard and maintains its reputation as a global leader in the supply of trained, certified and equipped seafarers. This also includes initiatives focused on mental health, skill development, and overall well-being, with a strong emphasis on international standards such as the STCW Convention.

The Government of India's Maritime India Vision 2030 (MIV 2030) and the Maritime Amrit Kaal Vision 2047 (MAKV 2047) both emphasize the development of India's maritime sector, with a strong focus on seafarer certification and training. MIV 2030 aims to increase India's contribution to the global seafarer pool from 12% to 20%. MAKV 2047 builds upon this vision, focusing on developing world-class ports, promoting sustainable practices, and enhancing India's global maritime presence.

The year 2025 was witness to an appreciable rise in the number of Certificates issued to the seafarers as is seen from this report and is a step in the right direction. Further, in our endeavor to create a more reliable, resilient, end-to-end examination system, several key initiatives such as digitizing the process, enhancing security measures, and promoting accountability are being developed which should surely provide a better platform for the seafarers in the coming months. The Directorate General of Maritime Administration is committed to introduce digital platforms such as Learning Management Systems (LMS) and simulator-based assessment to aid evaluation of a seafarer's knowledge, skills and abilities to perform specific tasks and functions.

This annual report provides a comprehensive overview of the performance and progress of seafarers and the maritime training institutes during the past year. I am sure it will serve as a valuable tool for evaluating the effectiveness of our systems and identifying areas where we can enhance our teaching, learning and assessment strategies.

Furthermore, the DGMA has recently undertaken a comprehensive syllabus review for the competency courses which should improve the quality of exam output in the coming months. In addition to the recent revision of the Comprehensive Inspection Programme for Maritime Training Institutes (MTIs), the Directorate has signed a Memorandum of Understanding (MoU) with the

National Accreditation Board for Education and Training (NABET), Quality Council of India (QCI) on June 2, 2026, to elevate quality standards in India's maritime training ecosystem. The Directorate envisions a robust and standardised assessment model that ensures uniformity in the quality of maritime training across the country.

The continued inclusion of India in the Annex to IMO MSC.1/Circ.1163/Rev.14, adopted by the Maritime Safety Committee (MSC 111), reaffirms India's continued compliance with the STCW Convention and reflects the country's commitment to maintaining globally recognised standards of maritime education, training, certification and watchkeeping.

This recognition further strengthens international confidence in the competence of Indian seafarers and reinforces India's position as one of the world's leading providers of skilled maritime professionals.

I commend the EAC Branch of the Engineering Wing for their foresight and tireless efforts in steering these vital reforms. These initiatives will serve to reinforce India’s position as a leading provider of competent maritime professionals to the global shipping industry.

Sd/-
Shri. Shyam Jagannathan, IAS
Director General of Maritime Administration &
Additional Secretary to the Government of India

Preface by the Chief Examiner of Engineers



The Annual Report 2025 of the Examination, Assessment, and Certification (EAC) Branch of the Engineering Wing presents a comprehensive overview of the conduct and outcomes of engineering stream examinations undertaken during the year, in accordance with the STCW Convention. The report highlights key trends in certification, performance analysis, and institutional engagement aimed at strengthening the quality and credibility of India's maritime examination system.

The year 2025 witnessed a marked increase in the overall number of Certificates of Competency (CoC) and Certificates of Proficiency (CoP) issued across various grades. This upward trend reflects the sustained interest and trust of maritime professionals in the Indian certification framework, which is globally recognised for its robustness, transparency, and integrity.

The modernization of the CoC examination system, which had commenced with MMD Noida exam centre as the pilot has been successful and shall be implemented across all other exam centres in the coming months. The EAC-Engineering has undertaken key initiatives in recent months, wherein a technical committee was set up to undertake a detailed review and recommend measures including revision of the syllabus for the CoC examinations, so that the credibility and quality of our examinations remain in sync with the emerging technologies and enable Indian-certified marine engineers and electro-technical officers to serve with distinction in the global fleet.

In addition to reporting certification statistics, the present report offers performance insights across Maritime Training Institutes (MTIs), enabling strategic improvements in examination delivery and training quality. These analytics form the basis for benchmarking institutional outcomes and guiding future reforms.

I would like to express my deep appreciation to all Examiners, MTIs, and administrative personnel whose commitment and professionalism sustain the high standards of our examination process. Equally, I commend the examinees—the aspiring and serving marine engineers—whose dedication and perseverance are the foundation of our system's success.

The year 2025 saw the commencement of the CoC examination at MMD Visakhapatnam, after completion of the new building, which brought relief to the candidates from the eastern part of the country. In July this year we have commenced with the conduct of written examination for the MEO Class II and Electro-Technical Officer(ETO) grades at MMD Visakhapatnam and have plans to expand the network of examination centres by having newer centres for the benefit of the candidates across India.

My heartfelt congratulations to all who attained certification this year and best wishes to those preparing for their assessments in the future. The pursuit of maritime excellence is a collective effort, and the EAC Branch remains steadfast in its mission to support this goal.

Sd/-
Shri. Killi Mohana Rao,
Chief Examiner of Engineers
Directorate General of Maritime Administration
Government of India

Note from the EAC Branch



It is with great satisfaction that I present this Annual Report on the activities of the Examination, Assessment and Certification Branch, of the Engineering wing during the year 2025. The year was witness to an appreciable rise in the number of Certificates issued to the seafarers as is seen from this report.

In April 2025, the examination reforms project of the Directorate General of Maritime Administration (DGMA) started with MMD Noida exam centre as the pilot. The transition from a legacy portal to the new software developed by the Centre for Development of Advanced Computing [C-DAC], involved significant technical, data migration and other related hurdles that could have disrupted operations if not managed carefully. The DGMA has however completed this transition without any disruption to the examination schedule or any major hardship to the candidates.

The number of Certificates of Competency and the Certificate of Proficiency issued by the EAC Branch has been the highest issues in any calendar year and going forward, we remain committed to further strengthening our processes through the adoption of technology, policy enhancements, and stakeholder feedback. We hope this report serves not only as a record of our performance but also as a foundation for continuous improvement.

Sd/-
Praveen Nair,
Deputy Chief Surveyor,
Directorate General of Maritime Administration

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1. ANALYSIS OF CERTIFICATE OF COMPETENCY (CoC) EXAMINATIONS – 2025

1.1 MEO Class I Examination

The Marine Engineer Officer (MEO) Class I examinations are held every month, except for the month of May each year. The same was followed in the year 2025 at the examination centres located in Chennai, Kochi, Kolkata and Mumbai. The examination comprises of one written examination, viz. Engineering management and one oral function. The STCW Code's section A-III/2 outlines the minimum standard of competence for Chief engineers on ships with main propulsion machinery of 3,000 KW or more.

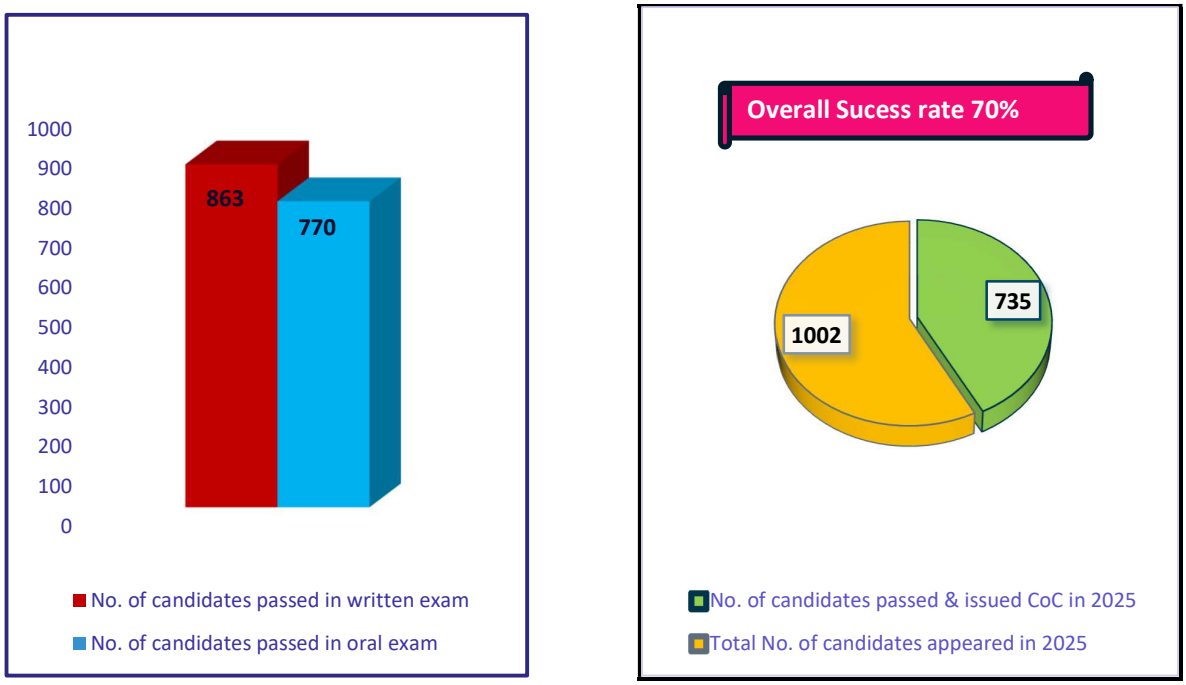


Fig.1: MEO Class I exam data for the year 2025

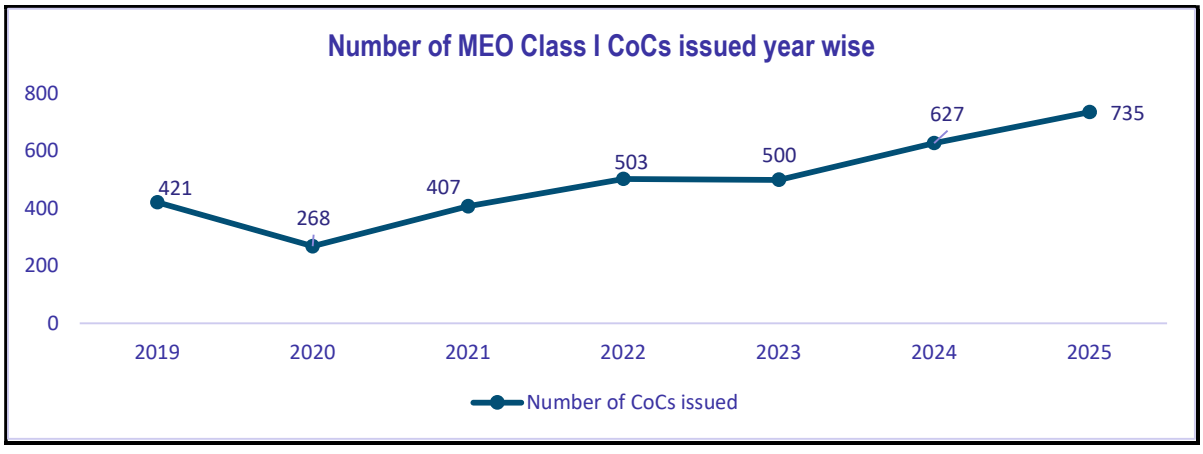


Fig.2: Number of MEO Class I CoCs issued in the last seven years

1.2 MEO Class II Examination

The Marine Engineer Officer (MEO) Class II examinations are held every month except for the month of May each year. The same was followed in the year 2025 at the examination centres located in Chennai, Kochi, Kolkata, Mumbai and Noida. The STCW Code's section A-III/2 outlines the minimum standard of competence for certification of Second Engineer Officer on ships powered by main propulsion machinery of 3000 KW or more.

The MEO Class II examination has two components, Part 'A' and Part 'B'. The distribution of the subjects under each part, which are further grouped as 'functions' can be seen at the Table 1.

Table 1: MEO Class II Examination and its different components

MEO CLASS II PART 'A'						
Function	Marine Engineering at Management Level (F-4A)					
Written Subjects	Mechanics and Hydromechanics (F-4A-V)		Thermodynamics and Heat transmission (F-4A-VI)			
Oral exa	No oral function		No oral function			
MEO CLASS II PART 'B'						
Function	Controlling the operation of the ship and care for persons onboard at management level (F-3)		Marine Engineering at Management Level (F-4B)		Electrical, Electronics & Control Engineering at Management level (F-5)	Maintenance and repair at Management level (F-6)
Written subjects	Naval Architecture	Ship Safety and Environmental Protection	Marine Engineering Knowledge (General)	Marine Engineering Knowledge (Motor/Steam)	Marine Electro Technology	Marine Engineering Practice
Oral exam	Function :3		Function:4B		Funciton:5	Function:6

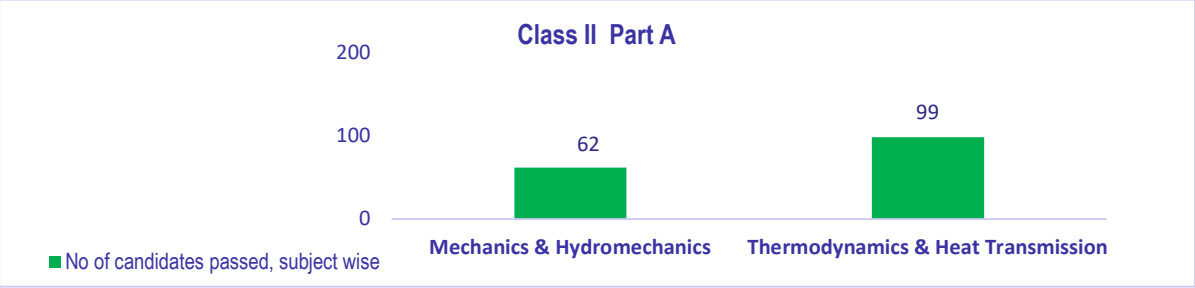


Fig.3:No. of candidates passed in MEO Class II Part A exam in 2025

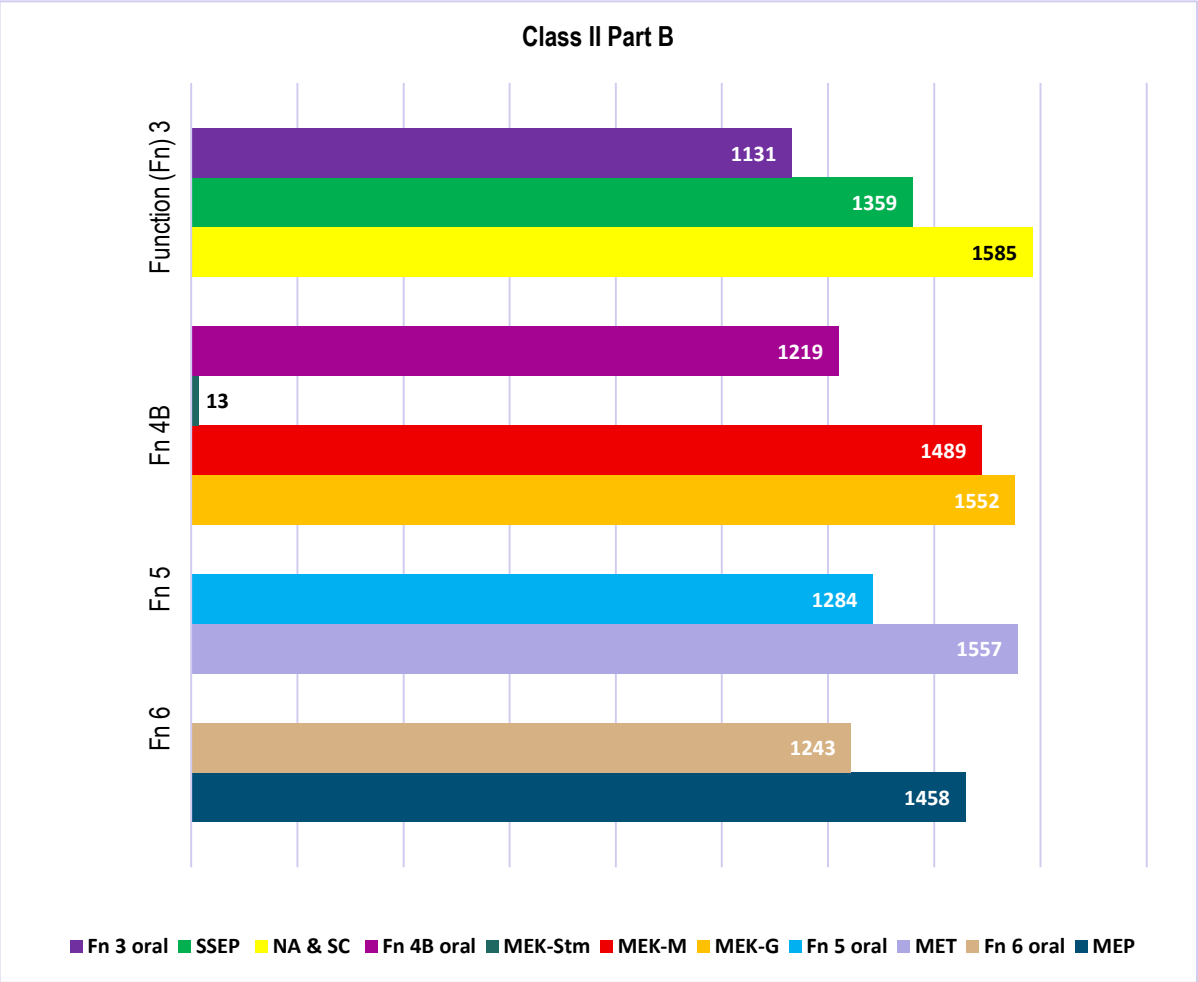
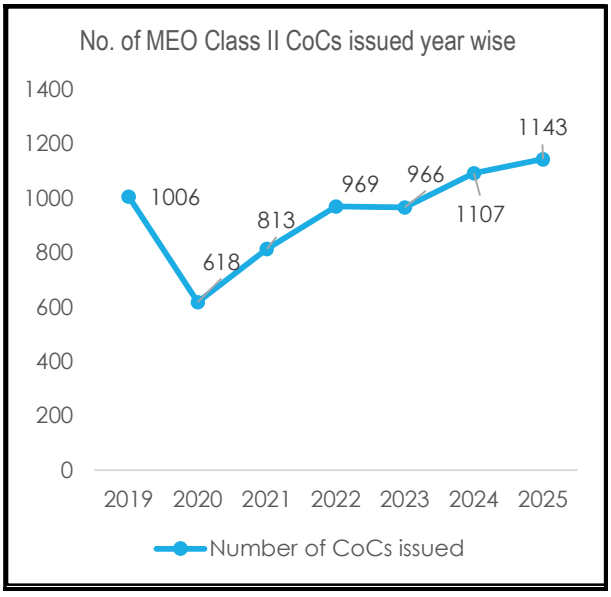


Fig.4:No. of candidates passed in MEO Class II Part B exam in 2025, subject wise



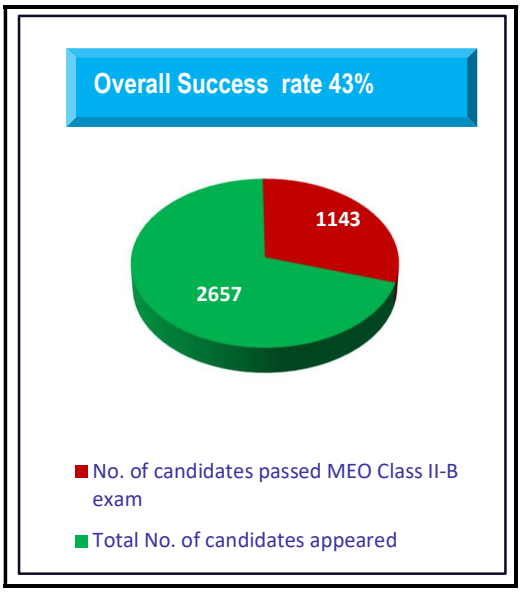


Fig.5: Number of Class II CoCs issued over 7-year period and success rate in the year 2025

1.3 MEO Class IV Examination

The Marine Engineer Officer (MEO) Class IV examinations are held every month except for the month of May each year. The examination was conducted at centres located in Chennai, Kochi, Kolkata, Mumbai and Noida. The examination at Visakhapatnam centre which was discontinued due to the ongoing construction of the new office building was resumed from March 2025 onwards. The STCW Code's section A-III/1 outlines the minimum standard of competence for certification of Officer in Charge of an Engineering watch on ships powered by main propulsion machinery of 750 KW or more.

The MEO Class IV examination has two components, Part 'A' and Part 'B'. The distribution of the subjects under each part, which are further grouped as 'functions' can be seen at the Table 2.

Table 2: MEO Class IV Examination and its different components

MEO CLASS IV PART 'A'				
Function	Marine Engineering at Operational Level (F-4A)			
Written Subjects	Heat Engines (F-4A-I)	Applied Mechanics (F-4A-II)	Mathematics (F-4A-III)	Engineering Drawing (F-4A-IV)
Oral exam	No oral function		No oral function	

MEO CLASS IV PART 'B'						
Function	Controlling the operation of the ship and care for persons onboard at Operational level (F-3)		Marine Engineering at Operational Level (F-4B)		Electrical, Electronics & Control Engineering at Operational level (F-5)	Maintenance and repair at Operational level (F-6)
Written subjects	Naval Architecture	Ship Safety and Environmental Protection	Marine Engineering Knowledge (General)	Marine Engineering Knowledge (Motor/Steam)	Marine Electro Technology	Marine Engineering Practice
Oral exam	Function :3		Function:4B		Funciton:5	Function:6

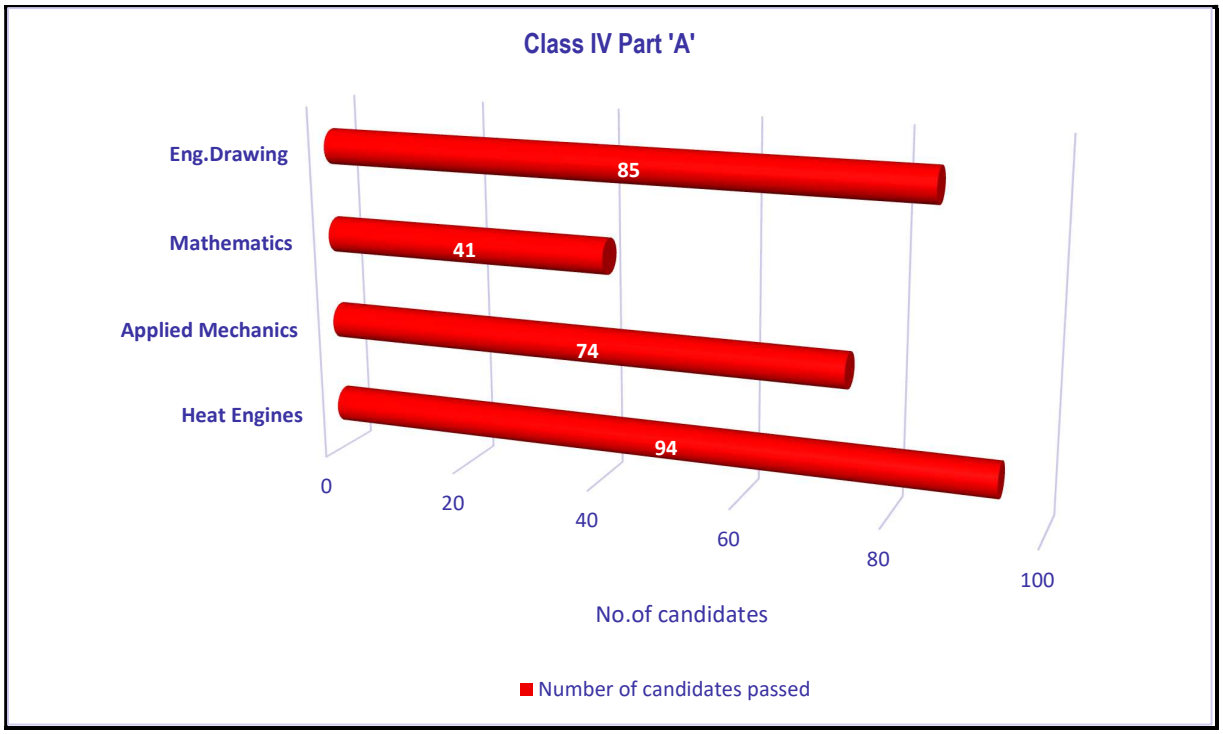


Fig.6:: No.of candidates passed in MEO Class IV Part A exam in 2025, subject wise

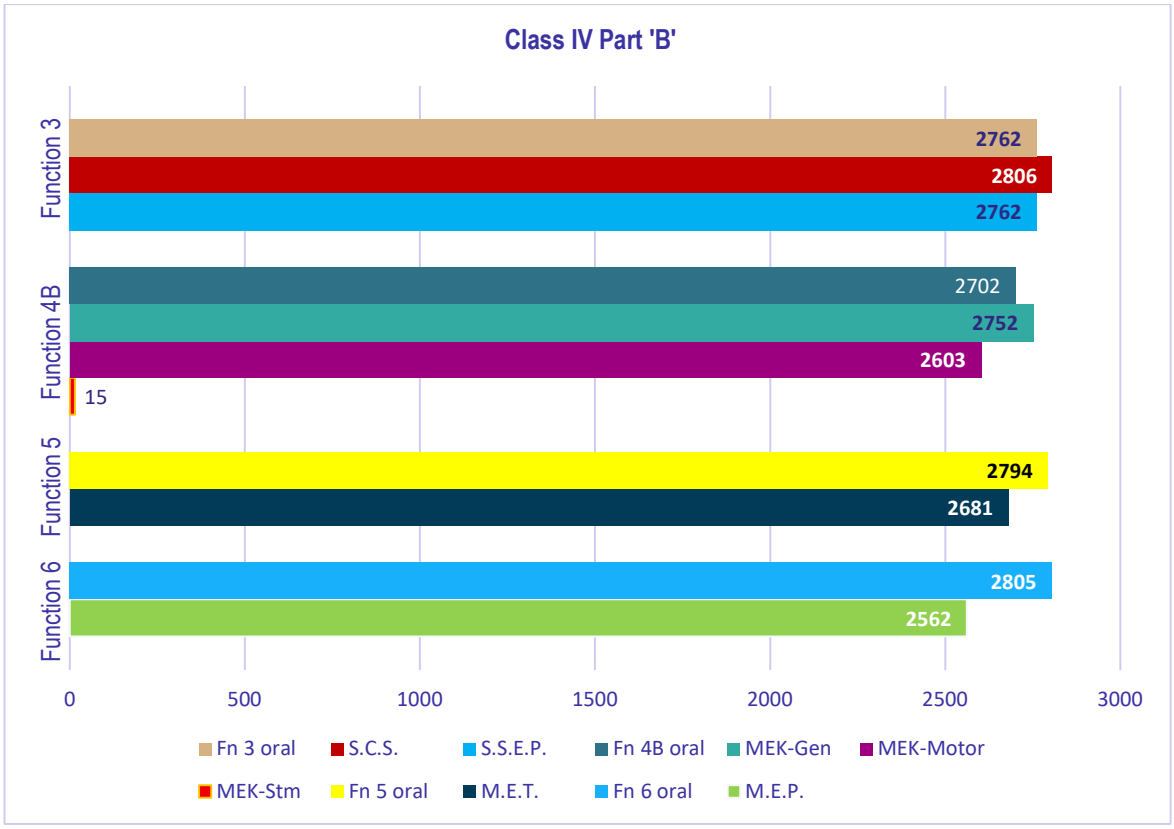
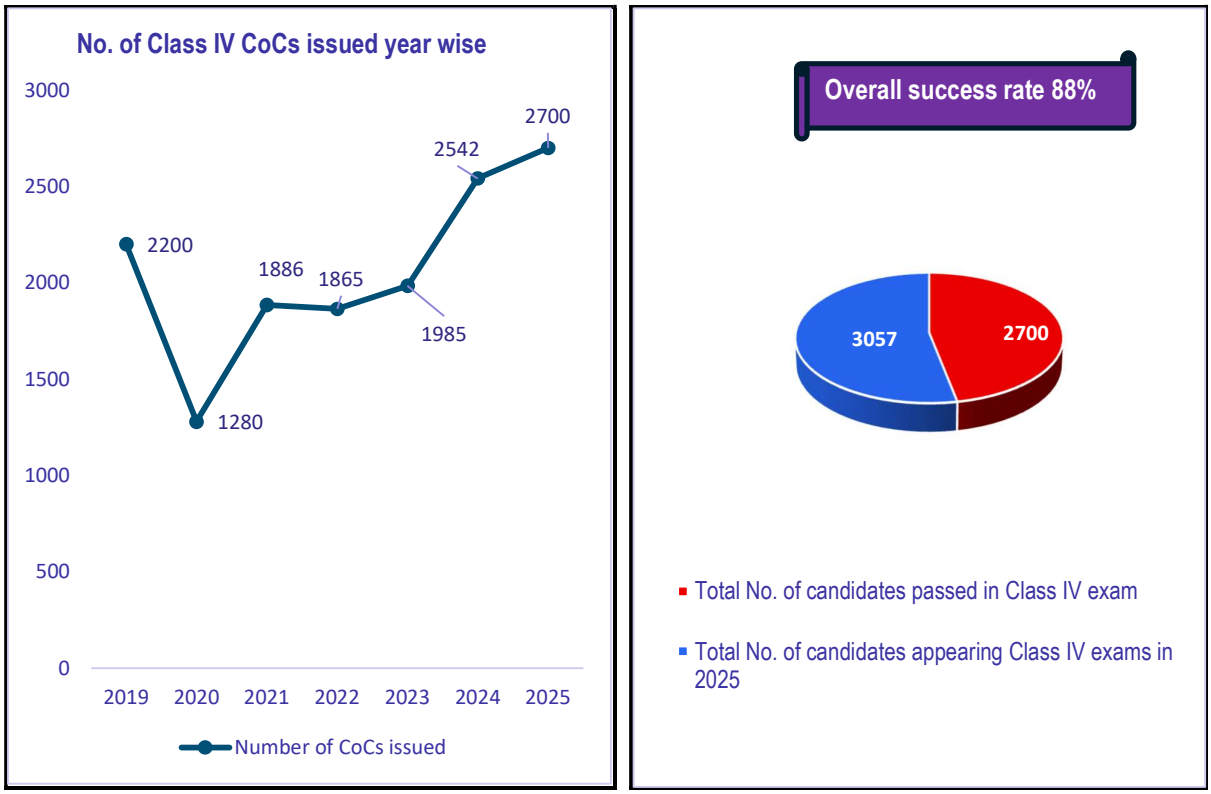


Fig.7: No.of candidates passed in MEO Class IV Par B exam in 2025, subject wise within four functions



(a) *(b)*

Fig.8:Number of MEO Class IV CoCs issued in the last seven years and overall success rate

1.4 Electro-Technical Officer (E.T.O.) Examination

The ETO Certificate of Competency examinations are held every month except for the month of May each year. In the year 2025, the examination were conducted as per the annual schedule, at centres located in Chennai, Kochi, Kolkata and Mumbai. The STCW Code's section A-III/6 outlines the minimum standard of competence for certification of Electro Technical Officer.

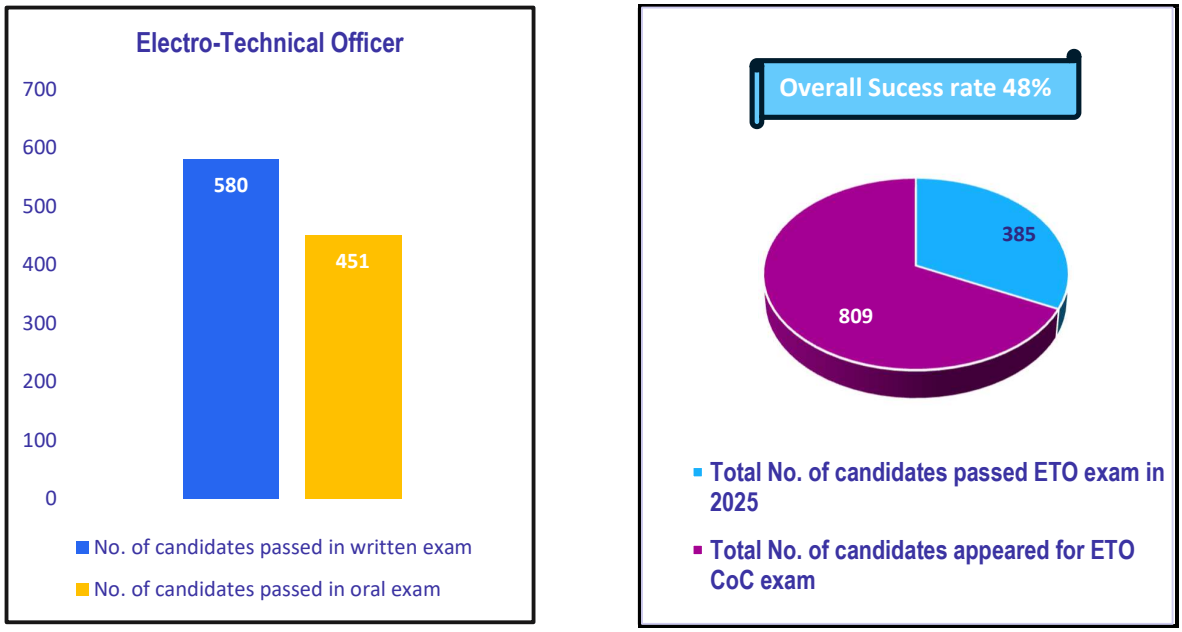


Fig.9: Number of candidates passed in the ETO exam in 2025 and overall success rate

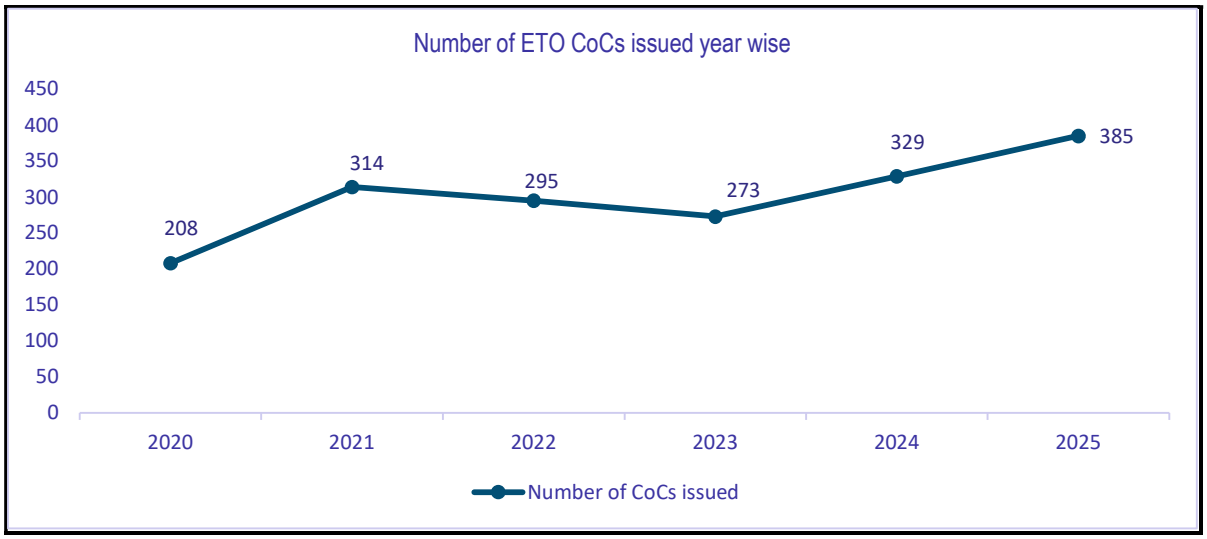


Fig.10: Number of ETO CoCs issued in the last six years

1.5 Extra First-Class Examination

The Extra First-Class certification is the highest grade of competency certification, intended to assess a marine engineer's ability to manage and oversee complex engineering operations on board ships, ensuring compliance with safety and regulatory standards. The written examination comprises of twelve subjects divided into two groups. The examination is conducted twice every year and the summary of the results of the examination conducted in the year 2025 are as under:

Table 3: Summary of Extra First-Class Examination results for the year 2025

PART	Subject	Sub. Code	March 2025			September 2025		
			No. appeared	No. passed	% pass	No. appeared	No. passed	% pass
A	Law of the Sea & Maritime Law	A-1	4	0	0	6	2	33.3
	Risk Assessment & Marine Insurance	A-2	6	1	16.7	5	4	80
	Shipping, Economics Finance	A-3	4	2	50	5	1	20
	Marine materials & Corrosion of Marine Structures	A-4	5	2	40	7	1	14.2
	Advanced Electrical, Electronic and Control Engineering Knowledge	A-5	3	1	33.3	4	1	25
	Environment Protection & Energy Management in the Maritime Industry	A-6	7	2	28.6	8	5	62.5
B	Maritime Regulations	B-1	5	2	40	4	1	25
	Management Techniques & Applications	B-2	6	3	50	2	1	50
	Naval Architecture	B-3	3	2	66.7	2	0	0
	Vibration Engineering	B-4	0	0	0	1	0	0
	Advance Marine Engineering Knowledge	B-5	6	4	66.7	3	2	66.7
	Human Element	B-6	6	2	50	3	1	33.3

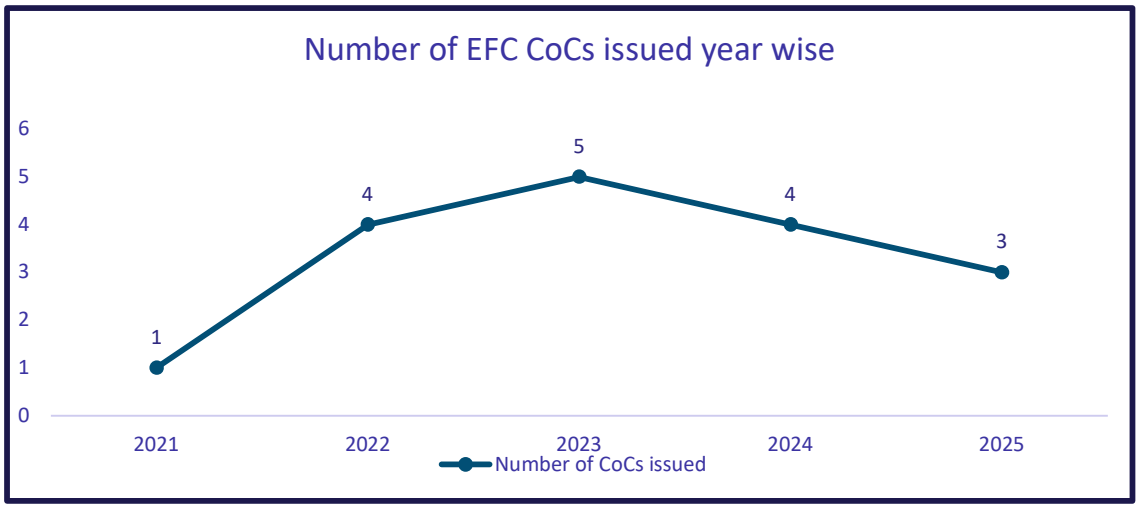


Fig. 11: Number of Extra-First Class CoCs issued in the last five years

1.6 Near Coastal Voyages (NCV) Grade CoC Examination

1.6.1 NCV CLASS III-Chief Engineer Officer

The MEO Class III CEO-NCV examinations are held on a quarterly basis each year. The same was followed in the year 2025 at the examination centres located in Chennai, Kochi, Kolkata and Mumbai. The examination comprises of one written examination, viz. Engineering management and one oral function. The STCW Code's section A-III/3 outlines the minimum standard of competence for chief engineers on ships with main propulsion machinery of 3,000 KW or less.

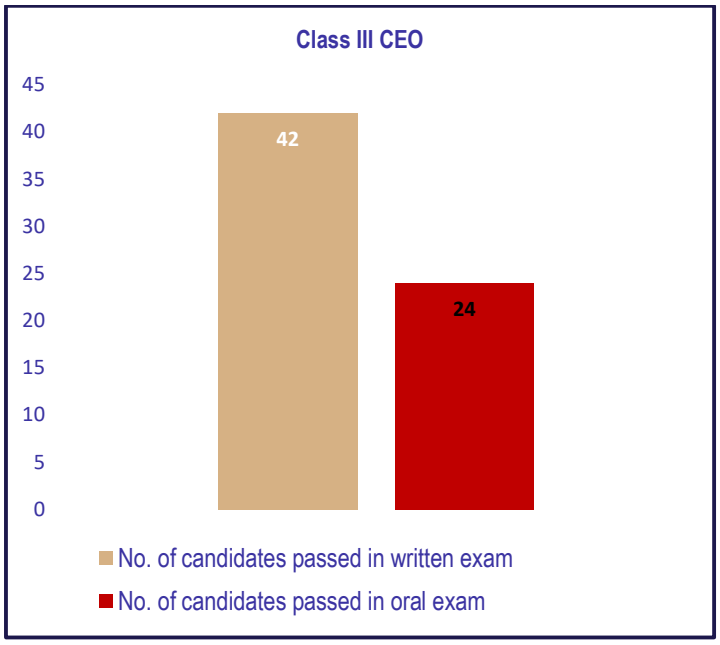
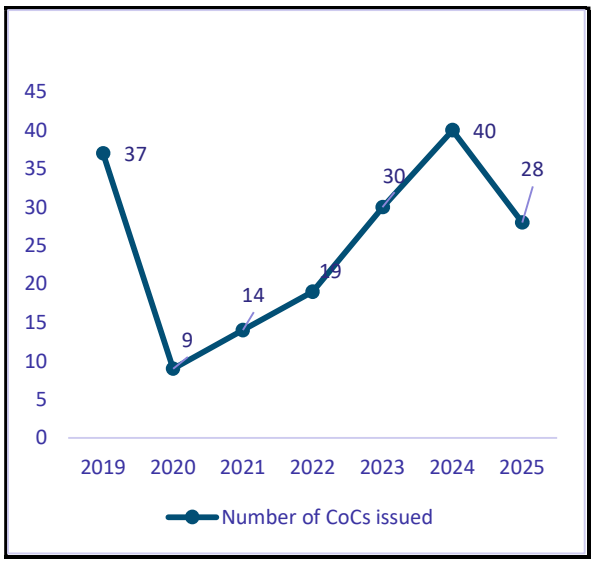


Fig.12: No. of candidates passed NCV Class III CEO exam in 2025



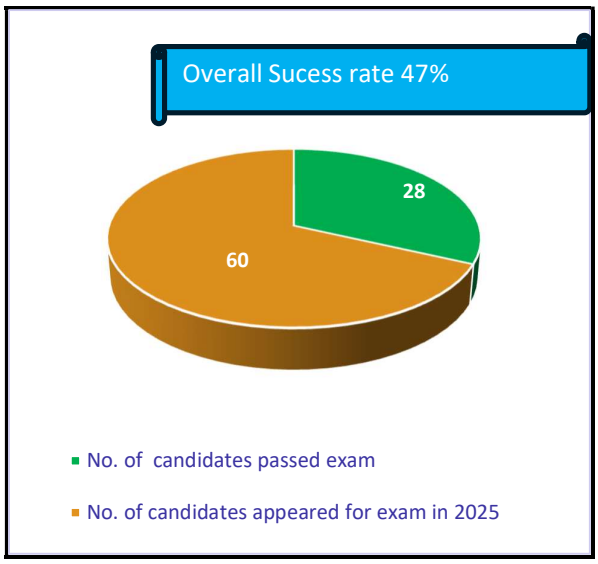


Fig.13:Number of NCV Class III CEO CoCs issued in the last seven years & the overall success rate in the year 2025

1.6.2 NCV CLASS III-Second Engineer Officer

The MEO Class III SEO-NCV examinations are held on a quarterly basis each year. The same was followed in the year 2025 at the examination centres located in Chennai, Kochi, Kolkata and Mumbai. The examination comprises of one written examination, viz. Engineering management and one oral function. The STCW Code's section A-III/3 outlines the minimum standard of competence for chief engineers on ships with main propulsion machinery of 3,000 KW or less.

The NCV Class III SEO grade of CoC examination has two components, Part 'A' and Part 'B'. The distribution of the subjects under each part, which are further grouped as 'functions' can be seen at the Table 3.

Table 4: NCV Class III SEO Examination and its different components

NCV CLASS III SEO PART 'A'				
Function	Marine Engineering at Management Level (F-4A)			
Written Subjects	Applied Mathematics	Mechanics & Hydromechanics	Thermodynamics & Heat Transmission	Marine Engineering Drawing
Oral exam	No oral function		No oral function	

NCV CLASS III SEO PART 'B'						
Function	Controlling the operation of the ship and care for persons onboard at Management level (F-3)		Marine Engineering at Management Level (F-4B)		Electrical, Electronics & Control Engineering at Management level (F-5)	Maintenance and repair at Management level (F-6)
Written subjects	Ship Construction & Naval Architecture	Ship Safety and Environmental Protection	Marine Engineering Knowledge (General)	Marine Engineering Knowledge (Motor)	Marine Electro Technology	Marine Engineering Practice
Oral exam	Function :3		Function:4B		Funciton:5	Function:6

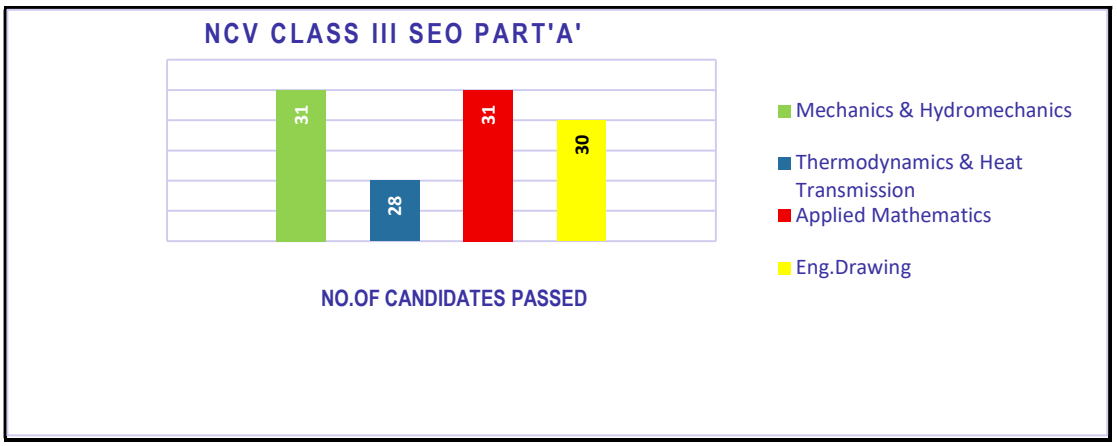


Fig.14: Distribution of No. of students appeared & passed NCV Class III SEO Part A exam

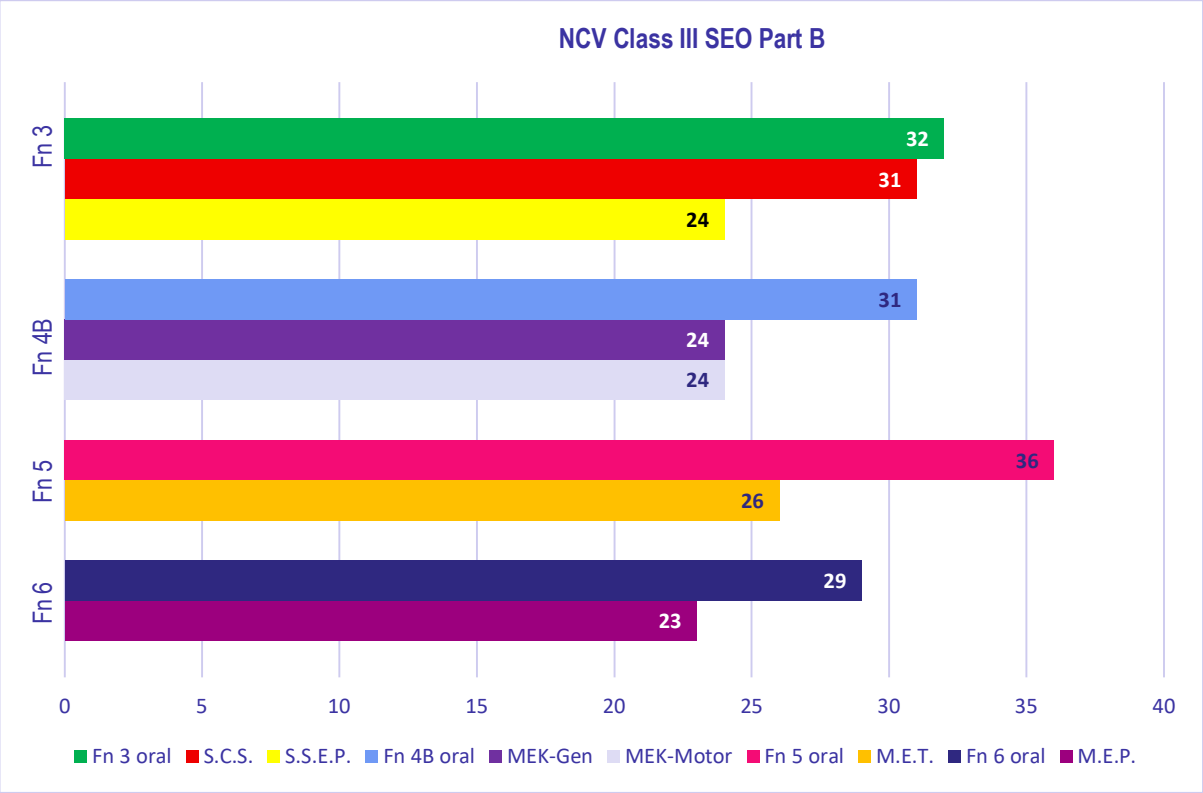


Fig.15: No. of candidates passed Class III SEO Part B exam in 2025

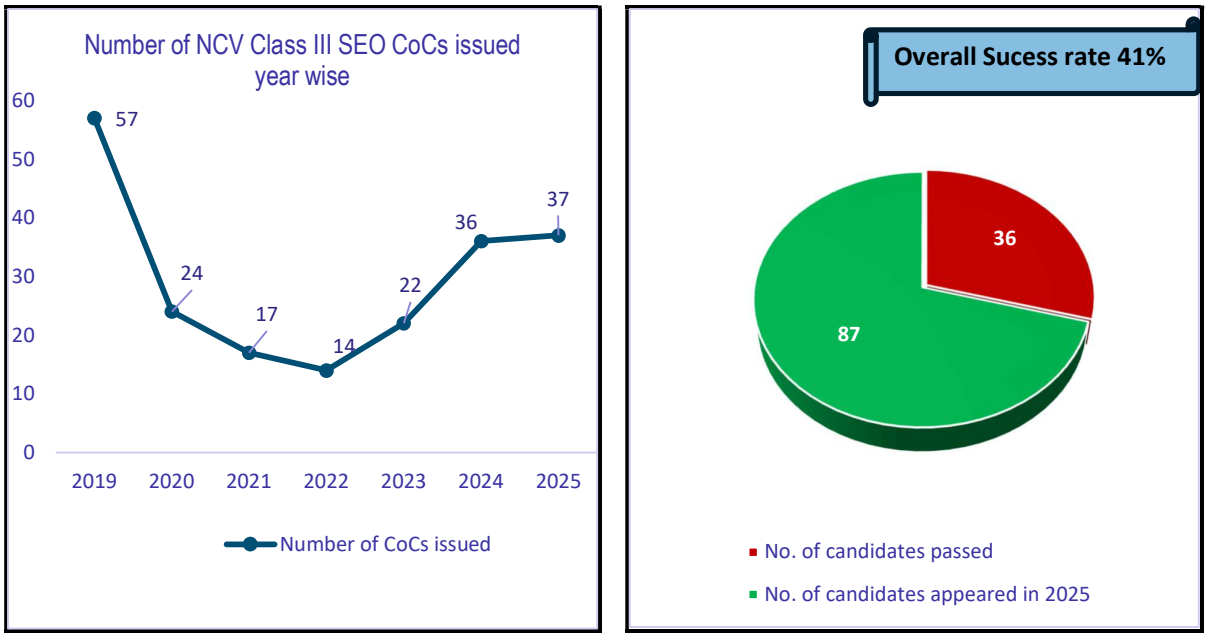


Fig.16:Number of NCV Class III SEO CoCs issued in the last seven years & overall success rate in 2025

1.6.3 NCV CLASS IV-Officer in Charge of Engineering watch

The NCV Class IV examinations are held on a quarterly basis each year. The same was followed in the year 2025 at the examination centres located in Chennai, Kochi, Kolkata and Mumbai.

The NCV Class IV examination has two components, Part 'A' and Part 'B'. The distribution of the subjects under Part A and Part B which are further grouped as 'functions' can be seen at the Table 5.

Table 5: NCV Class IV Examination and its different components

NCV CLASS IV PART A					
Function	Controlling the operation of the ship and care for persons onboard at Operational level (F-3)	Marine Engineering at Operational Level (F-4B)		Electrical, Electronics & Control Engineering at Operational level (F-5)	Maintenance and repair at Operational level (F-6)
Written subjects	Ship Construction & Stability, Ship's Safety and Environmental Protection	Marine Engineering Knowledge (General)	Marine Engineering Knowledge (Motor)	Marine Electro Technology	Marine Engineering Practice
NCV CLASS IV PART B					
Oral exam	Function :3	Function:4B		Funciton:5	Function:6

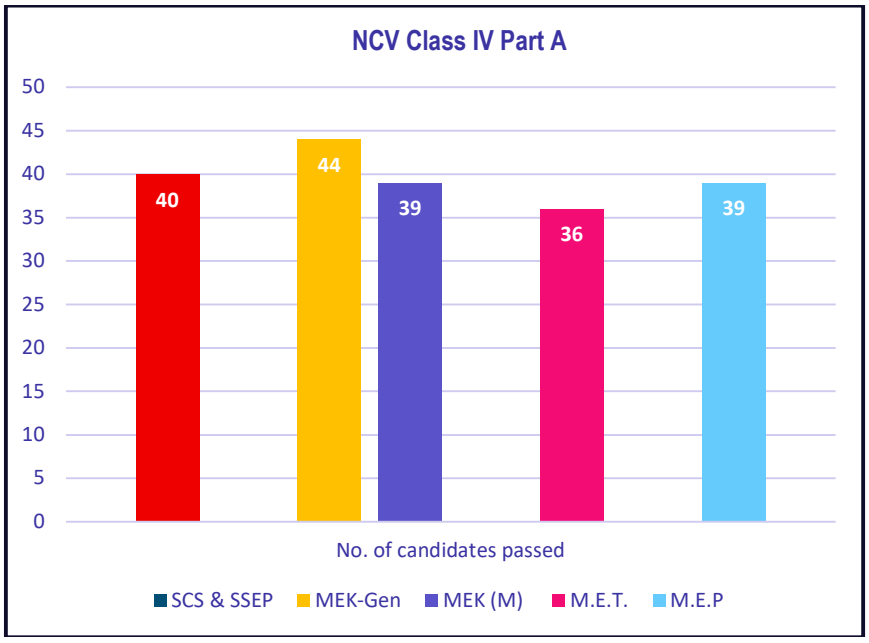


Fig.17:No. of candidates passed NCV Class IV Part A exams in 2025

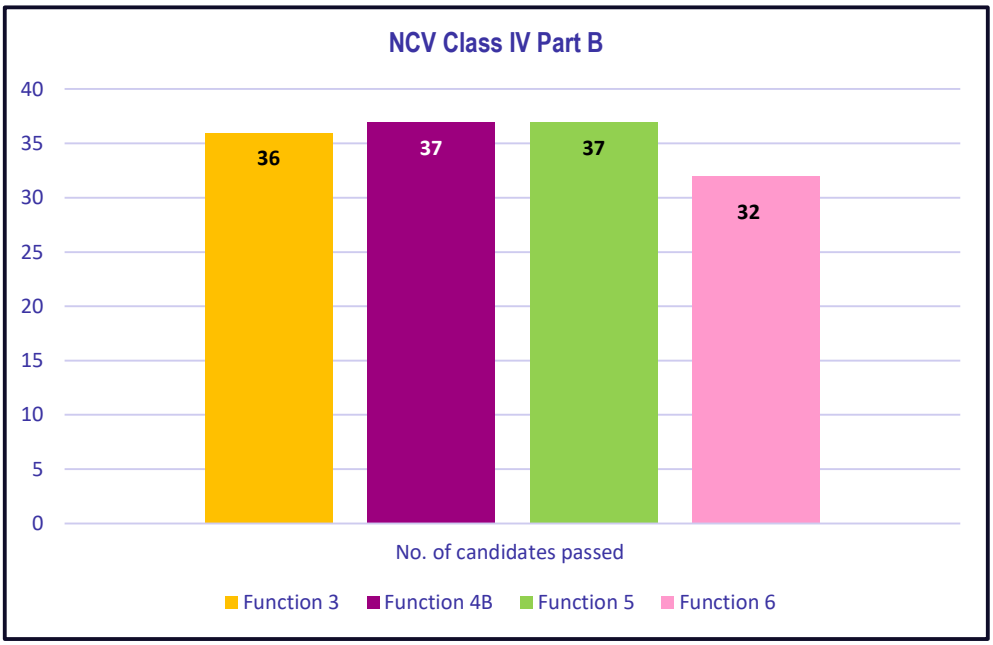
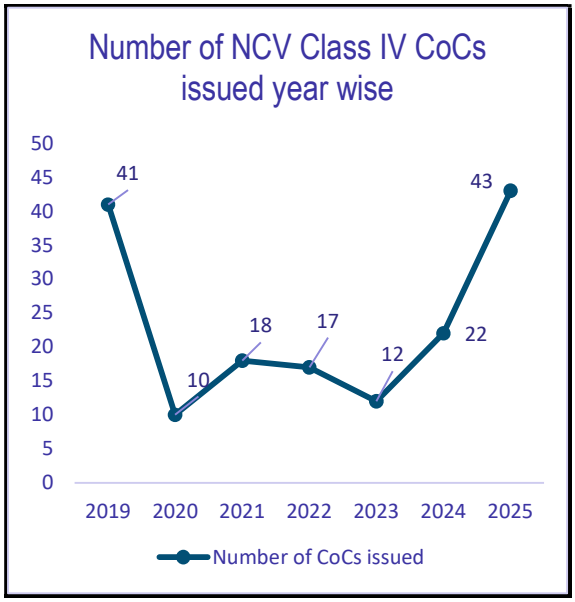


Fig.18:No. of candidates passed in NCV Class IV Part B exams in 2025



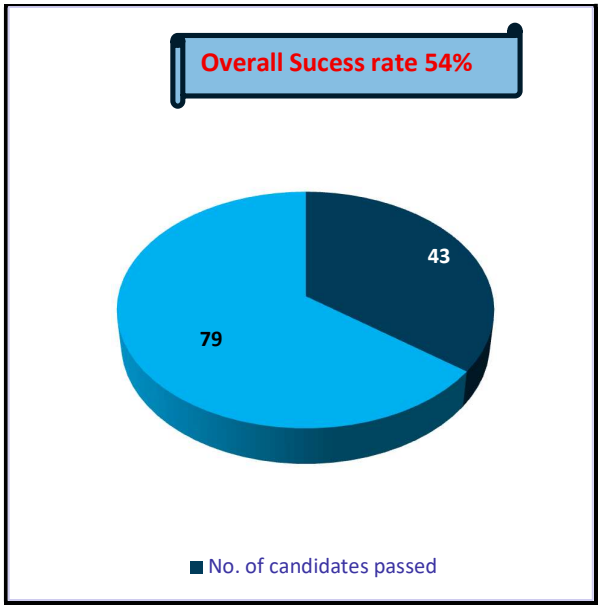


Fig.19:Number of NCV Class IV CoCs issued in the last seven years & overall success rate in 2025

1.7 Issuance of Basic and Advanced training Certificate of Proficiency

Basic Certificate of Proficiency for Liquefied Gas, Oil and Chemical Tanker cargo operations and for the ships subject to the IGF Code are initially issued by the DG Shipping and the MMDs are issuing the CoPs after revalidation following the expiry of the certificates.

1.7.1 CoP in Basic Training for Liquified Gas, Oil and Chemical Tanker Cargo Operations

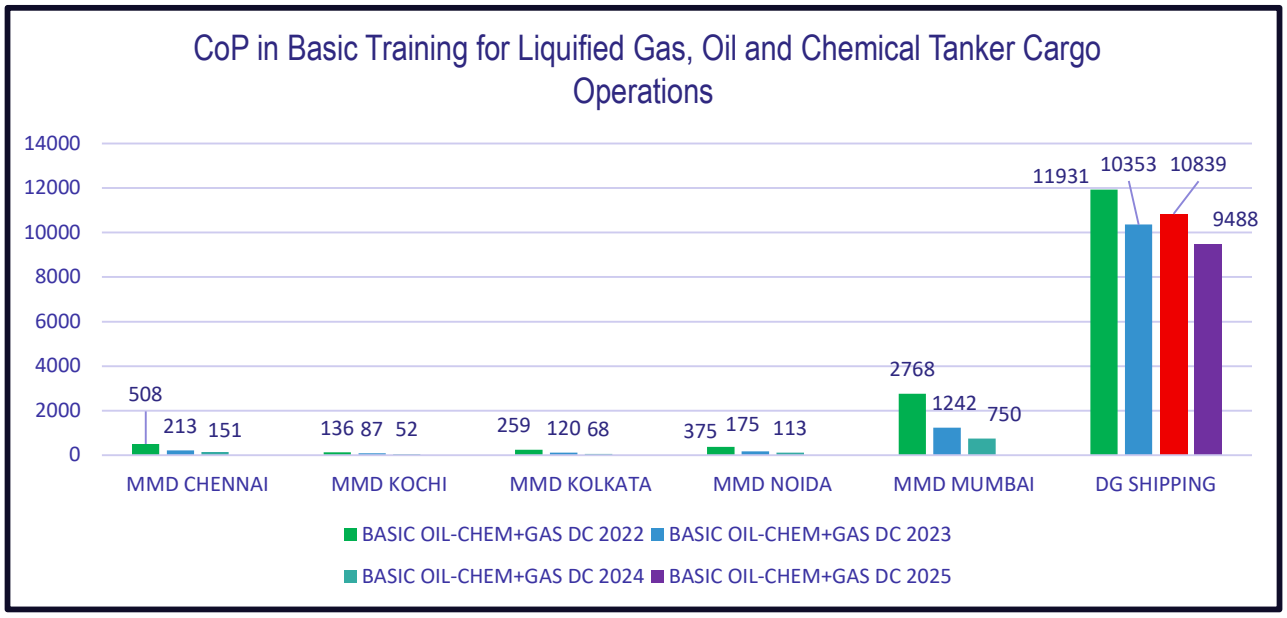


Fig.20: Distribution showing Basic CoP for oil/chemical/gas tanker issued by MMDs & the DGMA in the last 4 years

1.7.2 CoP in Basic Training for ships subject to IGF Code

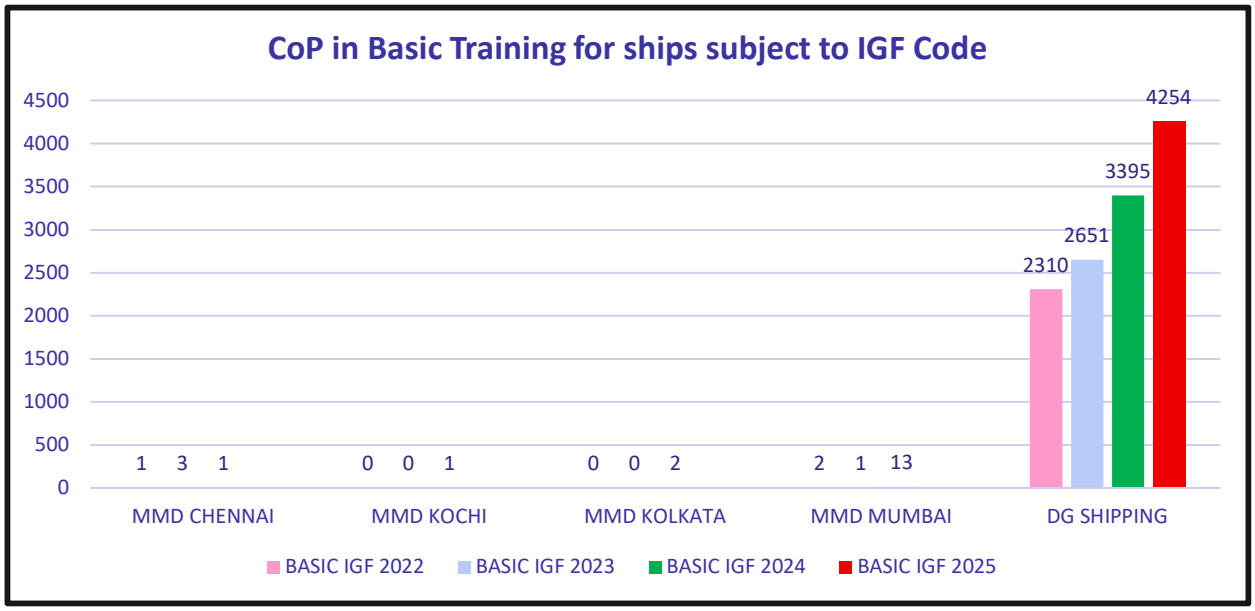


Fig.21: Distribution showing the Basic IGF CoP issued by the MMDs & the DGMA in the last 4 years

1.7.3 CoP in Advanced Training for Liquified Gas, Oil and Chemical Tanker Cargo Operations

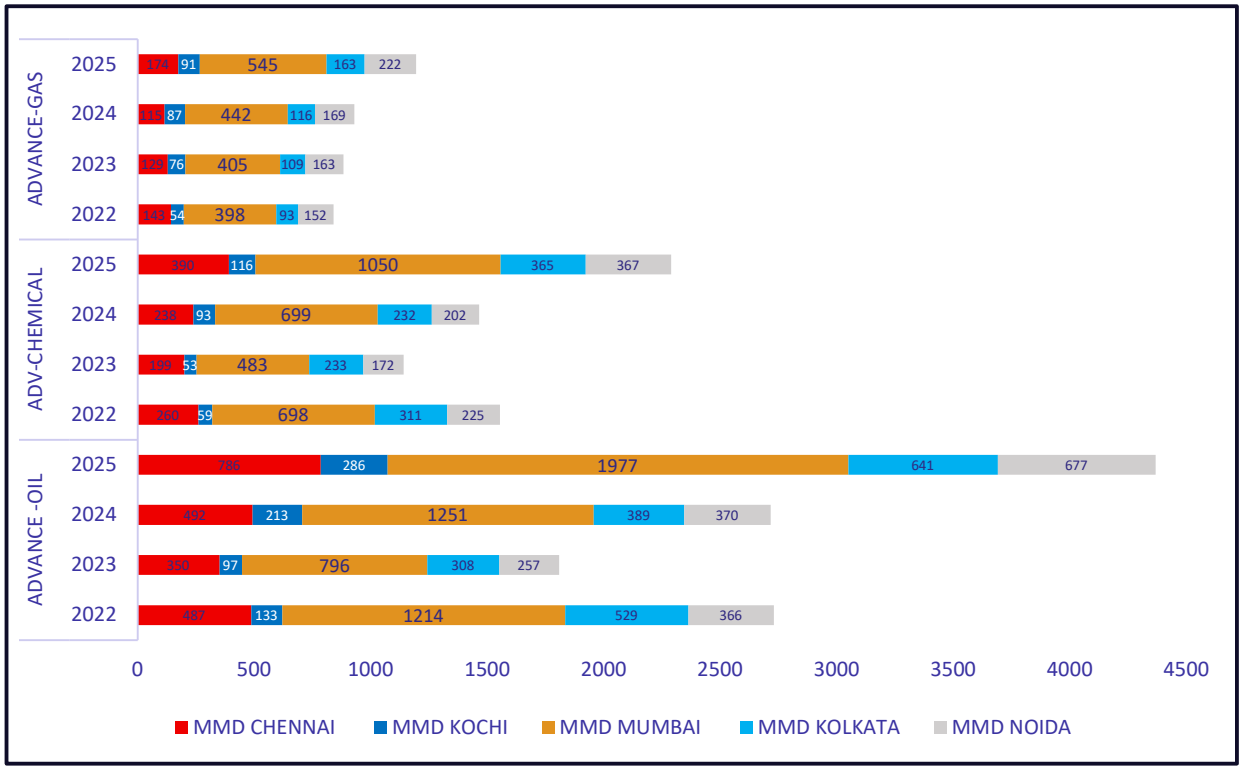


Fig.22: Distribution showing the Advanced CoPs issued by the MMDs in the last four years

1.7.4 CoP in Advanced Training for ships subject to IGF Code

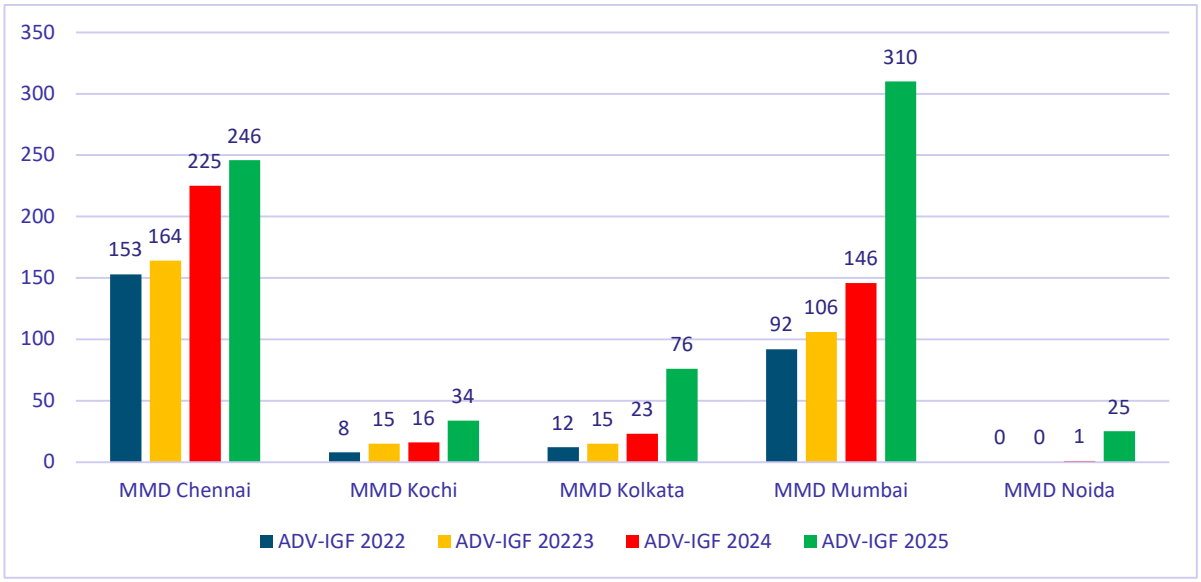


Fig.23: CoP in Advanced Training for ships subject to IGF Code issued by the MMDs in the last four years

1.8 Certificate of Proficiency for Engine room ratings

The Certificate of Proficiency (CoP) as Able Seafarer Engine (STCW Reg.III/5), Engine room watch-keeping rating (STCW Reg.III/4) are issued by the DGMA and the Certificate of Proficiency as Electro-Technical Ratings (ETR) (STCW Reg.III/6) is issued by the MMDs.

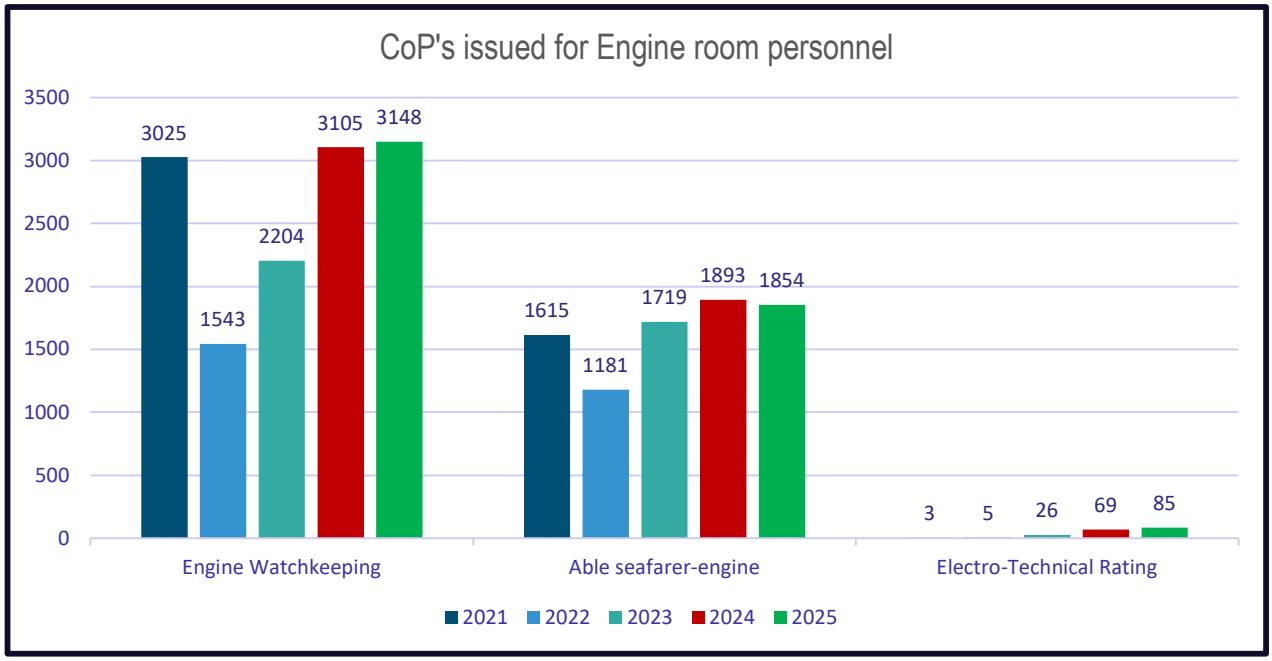


Fig.24: CoPs issued for Engine ratings and Electro Technical ratings in the last five years

1.9 Recognition of certification under STCW Reg.1/10

Regulation I/10 of STCW requires that for a country to recognise another member States seafarer qualification, there must be a written agreement in place between those two States. The Certificate of Endorsement for recognition of CoC issued by another State, in the last five years are as under:

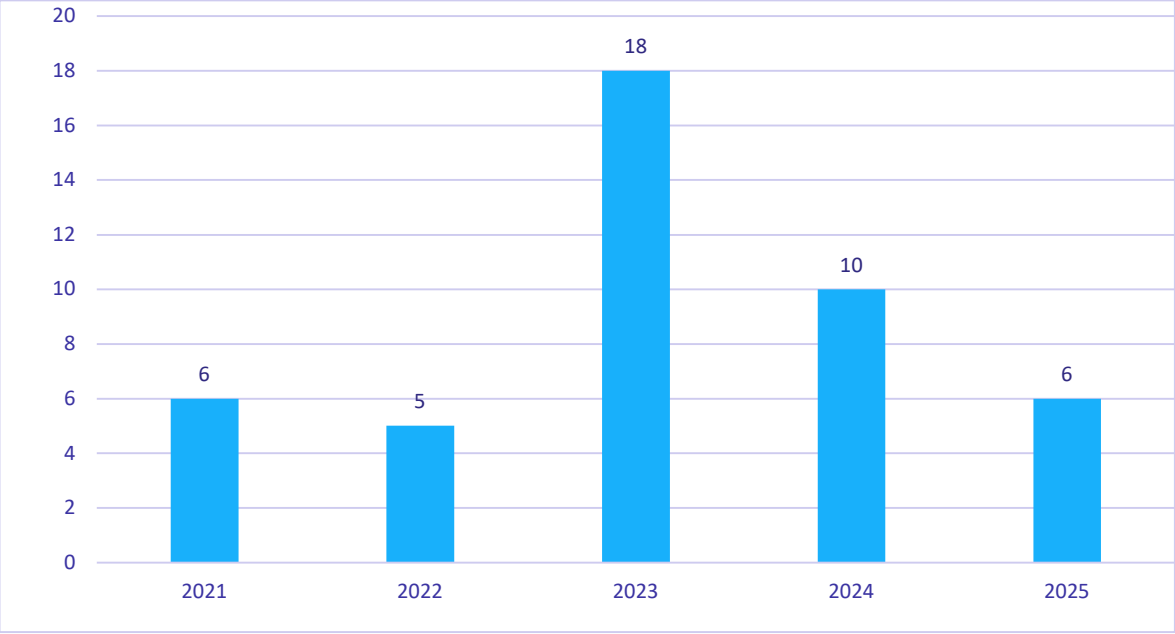


Fig.25: Number of Certificates issued under STCW I/10 in recognition of the CoC issued by other States

2. PERFORMANCE OF MARITIME TRAINING INSTITUTES

2.1 MEO Class I Examination:

The two months preparatory course is mandatory for the MEO Class I examination and the performance of the students from different MTIs across India is analysed as below:

Table 6: Performance of MEO Class I exam candidates vis-à-vis the MTI that conducted the preparatory course

MEO CLASS I EXAMINATION
Subject: Engineering Management

Sr.No.	Name of the Training Institute	Total Appeared	Pass	Pass %
1	AMET City College, Chennai	5	4	80
2	Centre For Maritime Training, Noida	80	48	60
3	Centre for Maritime Education and Training, Lucknow	39	21	53.85
4	Fosma Maritime Institute & Research Organisation, Kolkata	98	48	48.98
5	HIMT Tidal Park, Chennai	94	40	42.55
6	Hindustan Institute of Maritime Training, Chennai	40	14	35
7	Hoon Maritime Institute, Kolkata	104	43	41.35
8	IMU, Kolkata Campus, Kolkata	262	116	44.27
9	Indian Maritime University, Chennai (NIPM /NMA)	62	19	30.65
10	Indian Maritime University- Mumbai Port Campus (LBS CAMSAR & MERI), Mumbai	43	13	30.23
11	Institute of Marine Education and Research, Patna	1	0	0
12	Institute of Marine Engineers (India), Kochi	187	78	41.71
13	International Maritime Institute, Greater Noida	204	99	48.53
14	Marine Educational Charitable Trust, Kolkata	70	26	37.14
15	Massa Maritime Academy, Chennai	244	102	41.8
16	OERC Academy, Navi Mumbai	212	88	41.51
17	SEI Educational Trust, Kolkata	52	19	36.54
18	The Institute of Marine Engineers (India), Navi Mumbai	223	94	42.15
19	Zasha Institute of Maritime Studies, Dehradun	12	4	33.33
	Total →	2032	876	43.11

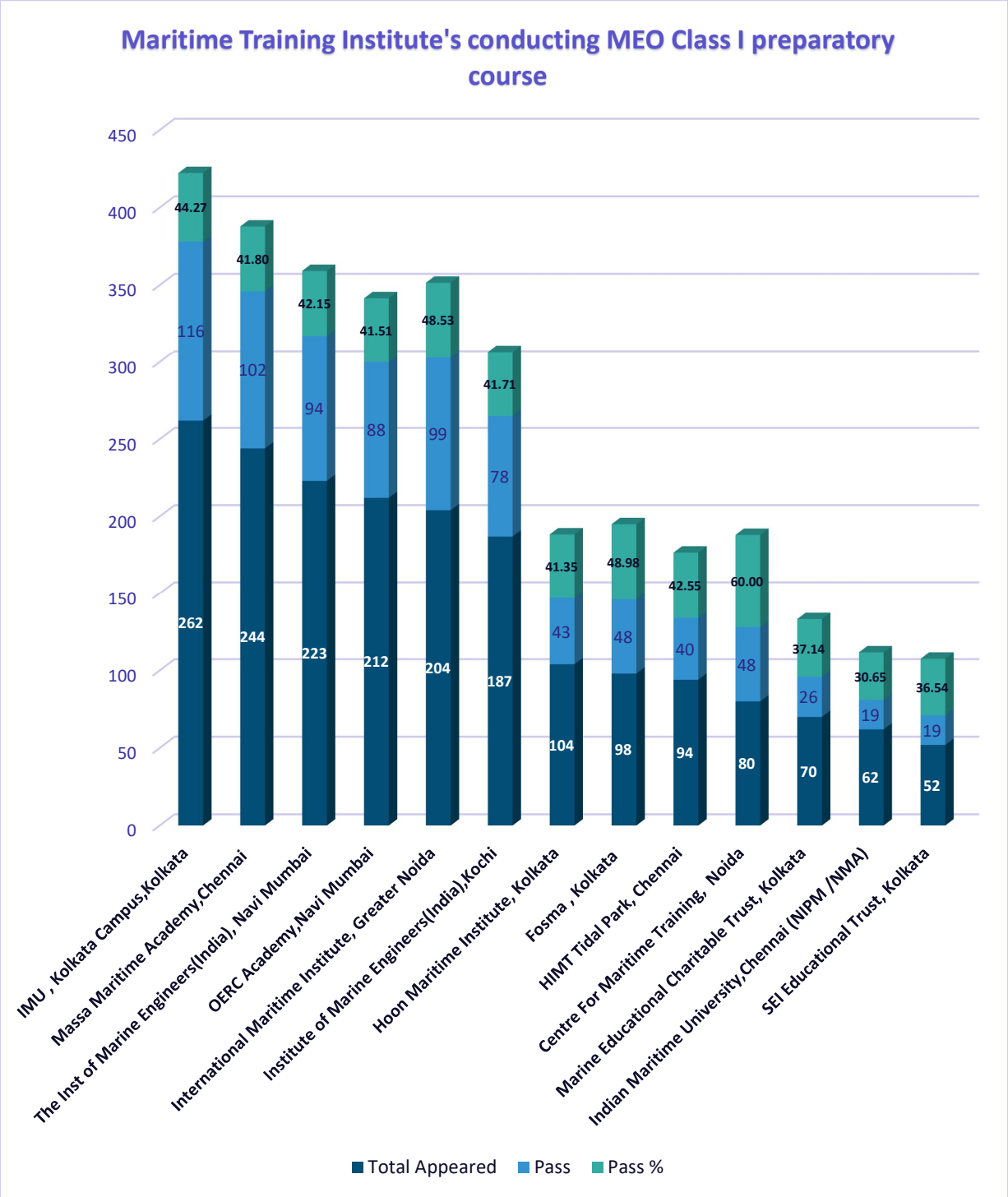


Fig.26:Performance of MTIs with minimum 50 students in the MEO Class I examination conducted in 2025

2.2 MEO Class II Examination:

The four months preparatory course is mandatory for the MEO Class II examination. It comprises of seven subjects which are grouped into four functions as per the STCW Code. The performance of the students from different MTIs across India is analysed as below:

Table 7: Performance of MEO Class II exam candidates vis-à-vis the MTI where preparatory course done (function wise)

Function 3: Controlling operation of ship and care for persons on board at Management Level

Sr.No.	Name of the MTI	N.A.			SSEP		
		Total Appeared	Pass	Pass %	Total Appeared	Pass	Pass %
1	AMET City College, Chennai	6	2	33.33	5	3	60.00
2	Applied Research International - School of Higher Academic & Professional Education – I, New Delhi	140	86	61.43	152	89	58.55
3	BIMT, Visakhapatnam	12	4	33.33	9	8	88.89
4	CMC Maritime Academy, Chennai	103	48	46.60	105	39	37.14
5	Centre For Maritime Training, Noida	109	60	55.05	99	69	69.70
6	Centre for Maritime Education and Training, Lucknow	78	42	53.85	75	45	60.00
7	Euro Tech Maritime Academy, Kochi	168	90	53.57	163	85	52.15
8	Fosma Maritime Institute & Research Organisation, Kolkata	221	107	48.42	187	86	45.99
9	HIMT Tidal Park, Chennai	192	95	49.48	173	72	41.62
10	HSNA Maritime Education and Research, Lucknow	30	21	70.00	40	26	65.00
11	Hindustan Institute of Maritime Training, Chennai	65	27	41.54	65	24	36.92
12	Hoon Maritime Institute, Kolkata	130	71	54.62	107	60	56.07
13	Indian Maritime University- Mumbai Port Campus (LBS CAMSAR & MERI), Mumbai	35	11	31.43	23	7	30.43
14	Institute of Marine Education and Research, Patn	78	35	44.87	88	44	50.00
15	Institute of Marine Engineers (India), Kochi	149	76	51.01	146	66	45.21
16	International Maritime Institute, Greater Noida	74	44	59.46	64	34	53.13
17	Mercantile Marine Academy, Kolkata	65	30	46.15	70	43	61.43
18	Marine Educational Charitable Trust, Kolkata	126	55	43.65	109	49	44.95
19	Massa Maritime Academy, Chennai	197	99	50.25	174	82	47.13
20	OERC Academy, Navi Mumbai	119	64	53.78	112	57	50.89
21	Pondicherry Maritime Academy, Puducherry	54	27	50.00	55	19	34.55
22	SEI Educational Trust, Faridabad	143	82	57.34	117	68	58.12
23	SEI Educational Trust, Kolkata	189	104	55.03	164	105	64.02

24	Sakshi Institute of Maritime Foundation, Mumbai	87	39	44.83	77	47	61.04
25	Seaskills Maritime Academy, Coimbatore	146	65	44.52	115	51	44.35
26	The Institute of Marine Engineers (India), Navi Mumbai	382	213	55.76	326	192	58.90
27	HIMT, Visakhapatnam	58	25	43.10	54	25	46.30
28	Zasha Institute of Maritime Studies, Dehradun	25	8	32.00	22	11	50.00
Total →		3181	1630	51.24	2896	1506	52.00

Function 4B: Marine Engineering at Management Level

		M.E.K. (G)			M.E.K (Motor)			M.E.K. (SM)		
Sr. No.	Name of Training Institute	Total Appea-red	Pass	Pass %	Total Appea re-d	Pass	Pass %	Total Appea red	Pass	Pass %
1	AMET City College, Chennai	4	2	50.00	3	2	66.67	0	0	0
2	Applied Research International - School of Higher Academic & Professional Education – I, New Delhi	166	94	56.63	161	82	50.93	1	0	0
3	BIMT, Visakhapatnam	20	7	35.00	21	7	33.33	0	0	0
4	CMC Maritime Academy, Chennai	110	53	48.18	114	56	49.12	0	0	0
5	Centre For Maritime Training, Noida	125	66	52.80	119	66	55.46	1	1	100
6	Centre for Maritime Education and Training, Lucknow	82	49	59.76	82	43	52.44	2	2	100
7	Euro Tech Maritime Academy, Kochi	190	88	46.32	178	101	56.74	1	1	100
8	Fosma Maritime Institute & Research Organisation, Kolkata	222	91	40.99	213	104	48.83	0	0	0
9	HIMT Tidal Park, Chennai	159	80	50.31	150	86	57.33	0	0	0
10	HSNA Maritime Education and Research, Lucknow	45	27	60.00	39	23	58.97	0	0	0
11	Hindustan Institute of Maritime Training, Chennai	52	17	32.69	60	27	45.00	0	0	0
12	Hoon Maritime Institute, Kolkata	131	58	44.27	137	62	45.26	0	0	0
13	Indian Maritime University-Mumbai Port Campus (LBS CAMSAR & MERI), Mumbai	23	12	52.17	27	7	25.93	0	0	0
14	Institute of Marine Education and Research, Patn	108	43	39.81	109	40	36.70	0	0	0
15	Institute of Marine Engineers (India), Kochi	150	67	44.67	151	65	43.05	3	3	100
16	International Maritime Institute, Greater Noida	72	42	58.33	68	42	61.76	0	0	0
17	Mercantile Marine Academy, Kolkata	73	35	47.95	64	35	54.69	2	1	50
18	Marine Educational Charitable Trust, Kolkata	143	49	34.27	134	49	36.57	0	0	0
19	Massa Maritime Academy, Chennai	194	94	48.45	179	86	48.04	0	0	0
20	OERC Academy, Navi Mumbai	138	63	45.65	129	57	44.19	2	2	100
21	Pondicherry Maritime Academy, Puducherry	61	23	37.70	61	22	36.07	0	0	0
22	SEI Educational Trust, Faridabad	139	81	58.27	140	71	50.71	2	1	50

23	SEI Educational Trust, Kolkata	186	83	44.62	174	86	49.43	1	1	100
24	Sakshi Institute of Maritime Foundation, Mumbai	80	32	40.00	79	42	53.16	0	0	0
25	Seaskills Maritime Academy, Coimbatore	132	56	42.42	120	61	50.83	0	0	0
26	The Institute of Marine Engineers (India), Navi Mumbai	334	161	48.20	303	154	50.83	2	2	100
27	HIMT, Visakhapatnam	59	31	52.54	54	25	46.30	0	0	0
28	Zasha Institute of Maritime Studies, Dehradun	20	10	50.00	14	7	50.00	0	0	0
Total →		3218	1514	47.05	3083	1508	48.91	17	14	82.35

Function 5: Electrical, Electronic and Control

Subject: Marine Electro-Technology (M.E.T.)				
Sr.No	Name of Training Institute	Total Appeared	Pass	Pass %
1	AMET City College, Chennai	4	2	50.00
2	Applied Research International - School of Higher Academic & Professional Education – I, New Delhi	153	91	59.48
3	BIMT, Visakhapatnam	14	6	42.86
4	CMC Maritime Academy, Chennai	114	55	48.25
5	Centre For Maritime Training, Noida	104	59	56.73
6	Centre for Maritime Education and Training, Lucknow	78	46	58.97
7	Euro Tech Maritime Academy, Kochi	188	99	52.66
8	Fosma Maritime Institute & Research Organisation, Kolkata	222	100	45.05
9	HIMT Tidal Park, Chennai	166	82	49.40
10	HSNA Maritime Education and Research, Lucknow	41	24	58.54
11	Hindustan Institute of Maritime Training, Chennai	59	28	47.46
12	Hoon Maritime Institute, Kolkata	126	65	51.59
13	Indian Maritime University- Mumbai Port Campus (LBS CAMSAR & MERI), Mumbai	34	11	32.35
14	Institute of Marine Education and Research, Patn	81	43	53.09
15	Institute of Marine Engineers (India), Kochi	122	66	54.10
16	International Maritime Institute, Greater Noida	52	34	65.38
17	Mercantile Marine Academy, Kolkata	67	34	50.75
18	Marine Educational Charitable Trust, Kolkata	114	47	41.23
19	Massa Maritime Academy, Chennai	160	77	48.13
20	OERC Academy, Navi Mumbai	113	65	57.52
21	Pondicherry Maritime Academy, Puducherry	53	27	50.94
22	SEI Educational Trust, Faridabad	125	71	56.80
23	SEI Educational Trust, Kolkata	164	89	54.27
24	Sakshi Institute of Maritime Foundation, Mumbai	76	36	47.37
25	Seaskills Maritime Academy, Coimbatore	122	60	49.18
26	The Institute of Marine Engineers (India), Navi Mumbai	338	199	58.88
27	HIMT, Visakhapatnam	49	22	44.90
28	Zasha Institute of Maritime Studies, Dehradun	17	10	58.82
Total →		2956	1548	52.37

Function 6: Maintenance & Repair

Subject: Marine Engineering Practice (M.E.P.)				
Sr.No	Name of Training Institute	Total Appeared	Pass	Pass %
1	AMET City College, Chennai	4	2	50.00
2	Applied Research International - School of Higher Academic & Professional Education – I, New Delhi	16	8	50.00
3	BIMT, Visakhapatnam	106	39	36.79
4	CMC Maritime Academy, Chennai	101	62	61.39
5	Centre For Maritime Training, Noida	73	49	67.12
6	Centre for Maritime Education and Training, Lucknow	164	98	59.76
7	Euro Tech Maritime Academy, Kochi	227	101	44.49
8	Fosma Maritime Institute & Research Organisation, Kolkata	147	87	59.18
9	HIMT Tidal Park, Chennai	41	23	56.10
10	HSNA Maritime Education and Research, Lucknow	46	20	43.48
11	Hindustan Institute of Maritime Training, Chennai	121	69	57.02
12	Hoon Maritime Institute, Kolkata	15	6	40.00
13	Indian Maritime University- Mumbai Port Campus (LBS CAMSAR & MERI), Mumbai	99	39	39.39
14	Institute of Marine Education and Research, Patn	142	72	50.70
15	Institute of Marine Engineers (India), Kochi	69	43	62.32
16	International Maritime Institute, Greater Noida	65	33	50.77
17	Mercantile Marine Academy, Kolkata	131	42	32.06
18	Marine Educational Charitable Trust, Kolkata	136	63	46.32
19	Massa Maritime Academy, Chennai	115	53	46.09
20	OERC Academy, Navi Mumbai	45	18	40.00
21	Pondicherry Maritime Academy, Puducherry	123	69	56.10
22	SEI Educational Trust, Faridabad	168	87	51.79
23	SEI Educational Trust, Kolkata	67	34	50.75
24	Sakshi Institute of Maritime Foundation, Mumbai	104	58	55.77
25	Seaskills Maritime Academy, Coimbatore	306	148	48.37
26	The Institute of Marine Engineers (India), Navi Mumbai	52	24	46.15
27	HIMT, Visakhapatnam	18	9	50.00
28	Zasha Institute of Maritime Studies, Dehradun	4	2	50.00
Total →		2870	1444	50.31

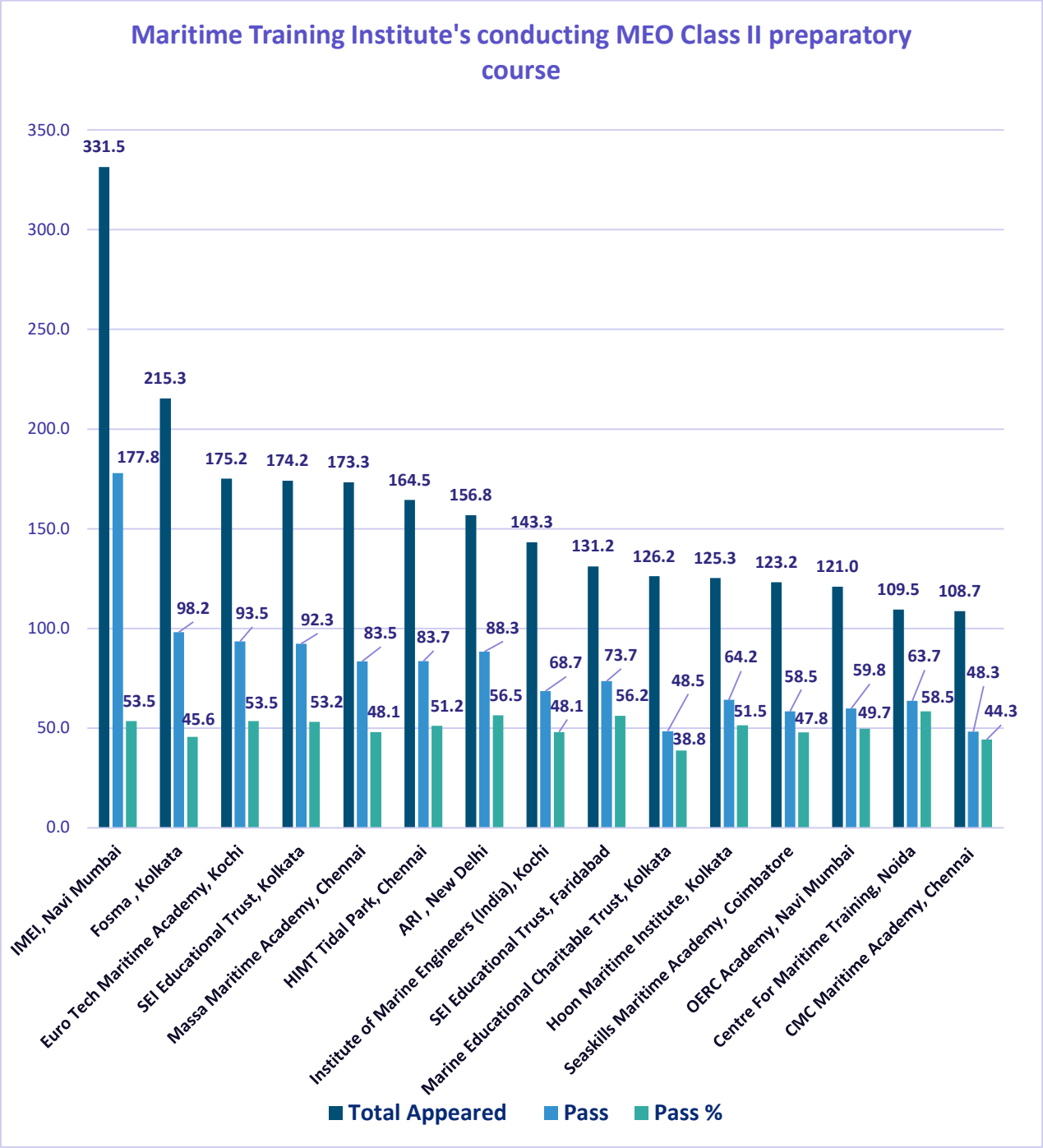


Fig.27: Performance of MTI (minimum 100 students) vis-à-vis MEO Class II examinations conducted in 2025

2.3 Electro Technical Officer (ETO) Examination:

The four months pre-sea course is a mandatory requirement prior attempting the ETO examination and the performance of the students from different MTIs across India is analysed as below:

Table 8: Performance of ETO exam candidates vis-à-vis the MTI that conducted the pre-sea course

Subject: Marine Electro-Technology & SSEP				
S.No.	**Name of Training Institute**	**Total Appeared**	**Pass**	**Pass %**
1	AMET University, Chennai	185	74	40.00
2	Anglo Eastern Maritime Academy, Karjat	65	52	80.00
3	BP Marine Academy, Navi Mumbai	169	75	44.38
4	Coimbatore Marine College, Coimbatore	110	48	43.64
5	Euro Tech Maritime Academy, Kochi	17	10	58.82
6	HIMT College, Kalpakkam	106	57	53.77
7	International Maritime Institute, Greater Noida	50	24	48.00
8	MTI, MUMBAI	32	11	34.38
9	R.L. Institute of Nautical Sciences, Madurai	20	11	55.00
10	Samundra Institute of Maritime Studies, Lonavala	24	18	75.00
11	Seacom Marine College, Howrah	7	1	14.29
12	Seven Islands Maritime Training Institute, Khopoli	4	3	75.00
13	The Great Eastern Institute of Maritime Studies, Lonavala	121	83	68.60
14	Tolani Maritime Institute, Pune	143	82	57.34
15	U.V. Patel College of Engineering, Mehsana	14	6	42.86
	TOTAL →	1067	555	52.01

Fig.28: Performance of MTI (minimum 25 students) vis-à-vis ETO examinations-2025

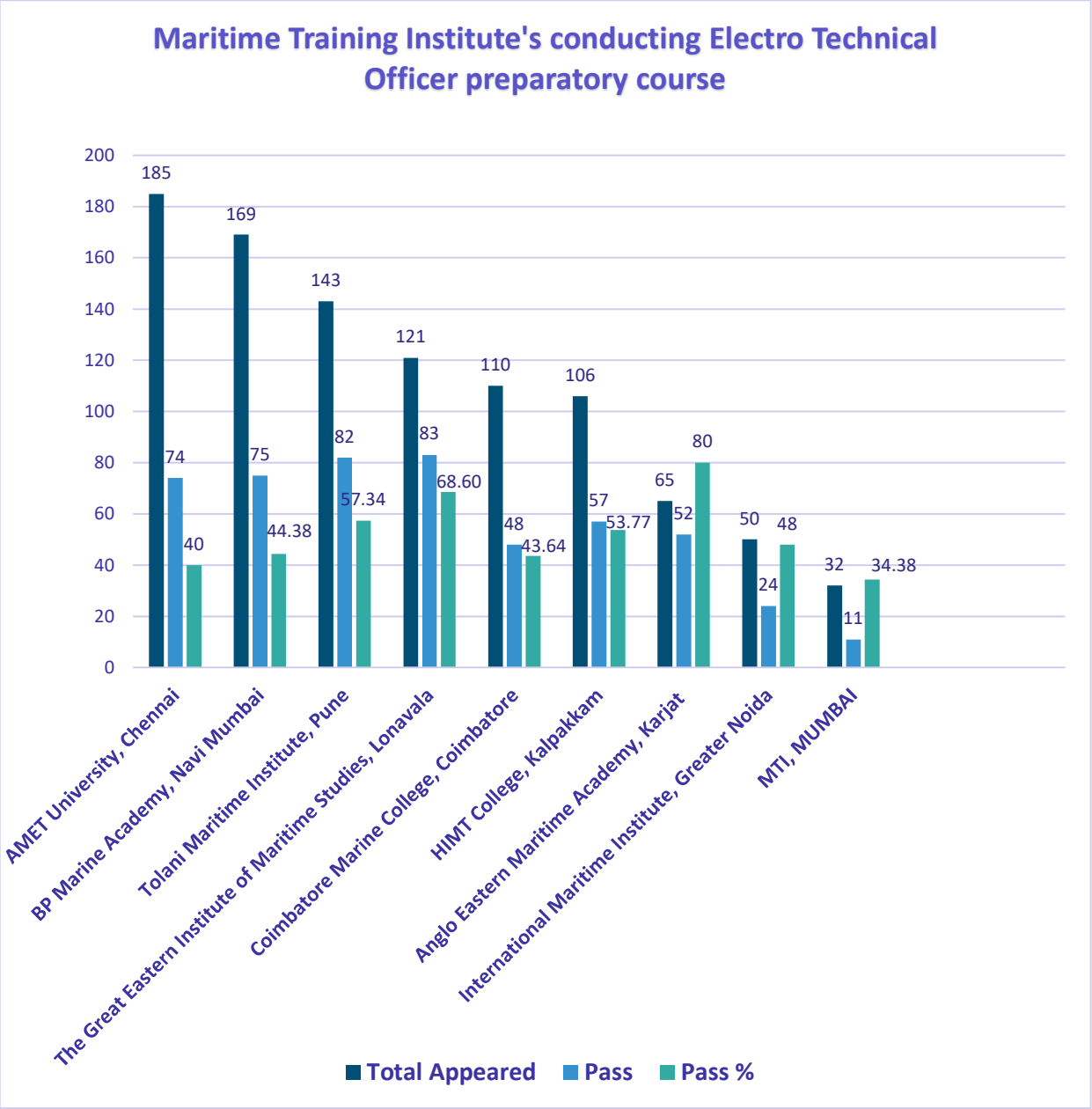


Fig.29: Performance of MTI (minimum 25 students) vis-à-vis ETO examinations-2025

3. SUMMARY

The Marine Engineer Officer (MEO) and the Electro-Technical Officer (ETO) grade of CoC examinations were conducted as per the annual schedule notified for the year 2025. In addition, to cater to the increasing demand from seafarers, additional batches were accommodated for the MEO Class IV Part 'B' grade of examinations. The gist of this report is summarized in the following paragraphs:

Achievements

A1. A record number of CoCs were issued in the year 2025, across all grades of the MEO examinations. 735 MEO Class I CoC's were issued in the year 2025 which was 17% higher than the preceding year. The year reported 1002 new applicants registering for the MEO Class I CoC examination and 735 exited the system after successfully passing the examination. Amongst the Maritime Training Institutes (MTI) conducting the two months preparatory course for the MEO Class I exam, 'Centre for Maritime Training, Noida' reported the highest passing percentage of 60%, whereas 'Indian Maritime University, Chennai (NIPM /NMA)' reported the lowest passing percentage of 30.65% in the year 2025. [Comparative data of MTIs with minimum 50 students].

A2. The number of MEO Class II CoCs issued in 2025 was 3% higher than the preceding year. The year 2025 had 2657 new applicants registering for the MEO Class II examinations and 1143 engineers exited the system after clearing the examinations. Amongst the Maritime Training Institutes (MTI) conducting the four months preparatory course for the MEO Class II exam, 'Centre for Maritime Training, Noida' reported the highest passing percentage of 58.5%, whereas 'Marine Educational Charitable Trust, Kolkata' reported the lowest passing percentage of 38.8% in the year 2025. [Comparative data of MTIs with minimum 100 students].

A3. A record number of 2700 MEO Class IV CoCs were issued in the year 2025 which is a rise of 6% over the previous year. The year was witness to 3057 students registering for the exams and 2700 students exist the system after issuance of the CoC on successful completion.

A4. The NCV grade of Engineering CoC exams also followed the trend of the Foreign going CoC examinations and the Class III SEO and the NCV Class IV exams showed an increment of 2.8% and 95.4% respectively, in the number of CoCs issued over the previous year.

A5. The Electro-Technical Officer (ETO) examinations resulted in the issuance of 385 CoCs in the year 2025 which was 17% above the number of CoC issued in the year 2024. Amongst the MTIs that conduct the four-month pre-sea course for the ETO aspirants, Anglo-Eastern Maritime Academy, Karjat had an enviable passing percentage of 80% whereas the Maritime Training Institute, Powai, Mumbai had the lowest passing percentage of 34.38%, when compared with MTIs that trained a minimum of 25 fresh ETO aspirants in the year 2025.

A6. 22283 Certificate of Proficiency (CoP) were issued in accordance with Chapter V of the STCW Code for service on oil/chemical/liquefied petroleum gas tankers as well for service on ships subject to the IGF Code. This is an increase of 6.6% over the previous year.

A7. The Certificate of Proficiency (CoP) for ratings forming part of an engine room watch (STCW III/4), Able-seafarer-Engine (STCW III/5) and Electro-Technical Rating (STCW III/7) showed an increase in trend (39%) over the previous year and an aggregate of 5087 CoPs were issued in this category.

Strategies

S1. The DGS issued the DGS Order No.9 of 2024 in May 2024 did provide career progression pathway to NCV grade CoC holders. The result of this was a dip in the number of candidates who appeared for the NCV Class III CEO grade examinations in the year 2025 as most of the eligible candidates chose to complete the sea time for the higher grade, i.e. Class II-NCV with limitation upto 8000 kW. There are candidates who have commenced this exam in the second half of 2025 and should be eligible for issuance of the newly introduced Class I-NCV & Class II-NCV CoCs, this year.

S2. The above strategy has indicated a positive change in the number of engineers taking up the NCV grade examinations in the year 2024 and should yield further dividends in the coming years. The number of NCV Class IV CoCs issued in 2025 almost doubled the number issued in 2024.

S3. The improved numbers across all CoC examinations are also the result of optimizing the exam centre's capacity utilization by providing additional batches, especially to the MEO Class IV applicants.

S4. The recently developed DGMA exam portal should enable candidates to book seat at other exam centre's where the seats are available for the written examination.

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