

 NATIONAL TECHNOLOGY CENTRE FOR PORTS WATERWAYS AND COASTS	Training Centre - Quality Management System	Ref. No	CD/PTP/02	 
		Rev. No	01	
	Course Descriptor	Date	21/03/2023	
		Page	1 of 2	

PILOTS TRAINING PROGRAMME (PTP 3 days)



Pilots Training Programme

PURPOSE:

This course is exclusively designed by our experienced master mariners for pilots to gain familiarization and experiment various manoeuvres within the approaches of the port limits and channels. Entry level pilots can be trained in the full mission bridge simulator prior being appointed as trainee pilots.

COURSE CONTENT:

This three days training programme will involve customized requirements specific to a particular port and simulator based exercises shall be designed accordingly viz.

- ❖ Berthing and unberthing
- ❖ Using the tugs
- ❖ Anchoring
- ❖ River pilotage
- ❖ Using all electronic navigational equipments.
- ❖ Emergency manoeuvres
- ❖ Effects of ship handling in narrow channel, passing proximely to other vessels, shallow water effect, vessel interactions, overtaking scenarios , effect of shallow water in increasing the radius of the turning circle, bow cushion effect.
- ❖ Navigation under restricted visibility

COURSE OBJECTIVES:

At the completion of this simulator based training the pilots will be:

- ❖ Able to manoeuvre different types of vessels arriving and departing the port from various berths.
- ❖ Familiar with optimum usage of tugs.
- ❖ Able to execute turning circles within the basins giving suitable allowances for currents, wind and tidal variations.
- ❖ Try out handling large vessels arriving at the newly constructed berth in any Indian port.
- ❖ Able to experiment variety of manoeuvres both at day and night scenarios using fixed navigational aids.
- ❖ Experienced to use anchors in case of emergencies and berth the vessels safely.
- ❖ Respond to critical situations by artificially inducing failures of navigation equipment and machinery.

ELIGIBILITY:

Entry level pilots, trainee pilots, river pilots, harbour pilots, tug operators and refresher for experienced pilots, dock masters & harbour masters.

DURATION:

3 DAYS (9 am - 5 pm)

PARTICIPANTS:

Maximum participants – 3/Batch

COURSE DELIVERY:

Dedicated Master Mariner(s) with Relevant field experience, delivers the Training programme

AID & INFRASTRUCTURE:

Full Mission Bridge Simulator at NTPCWC, IIT MADRAS




LANGUAGE:

This training programme will be conducted in English.

CONTACT:

training@ntcpwc.iitm.ac.in

Bringing cutting edge technology to the ports and maritime sector

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	Page 2 of 2	



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