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<th>Manpower development of maritime professionals in Singapore</th>
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**Manpower Development of Maritime Professionals in Singapore**

**Introduction**
With Singapore heavily investing itself to be a premier *International Maritime Centre*, maritime professionals for shore-based maritime careers in Singapore are demanded urgently. *BSc (Maritime Studies) degree programme* in NTU, being the first local Maritime degree programme, plays a crucial role in training manpower for the maritime industry.

**Objectives:**
Collect and analyse data from BSc(MS) students/graduates on following aspects: reasons for choosing BSc(MS) degree programme, experiences/expectations on industrial immersion and academic exchange to BI (Norway), and employment prospects.

**Methodology:**
- Literature reviews
- Surveys

**Research subjects:**
- 1. A-level (Science stream)
- 2. A-level (Non Science stream)
- 3. Polytechnic Diploma
- 4. Others (SPTM, UEC, SM2, SM3, etc)

**Experiences/expectations about Industrial Immersion**
- **Benefits:**
  - Learn in a more mature maritime education system
  - Gain experience in a more developed maritime nation
  - Gain an international and intercultural exposure
  - Experience an independent life
- **Disbenefits:**
  - Very costly
  - Too far away from home for 5 months
  - Isolation from local (Singapore) life
  - Cold weather in winter

**Salary expectation upon graduation**

- **Current salary of Graduates respondents**
  - 4000-4500: 2
  - 3500-4000: 4
  - 3000-3500: 1
  - 2500-3000: 1
  - 2000-2500: 1
  - 1500-2000: 1

**Job prospects**
1. Shipping operation
2. Shipping management
3. Ship brokerage
4. Ship chartering
5. Ship finance
6. Freight forwarding
7. Marine insurance
8. Marine legal services
9. Marine surveying
10. Logistics services
11. Port/terminal operation
12. Government/Regulatory authorities
13. Others

**Conclusions:**
- Great passions and high expectations for maritime industry as more and more fresh talents are being trained for the huge maritime industry.
- Education efforts for maritime industry in Singapore are under rapid and comprehensive development, with the BSc(MS) degree offered by NTU being a premier programme for shore-based maritime professionals.
- Job prospects for shipping industry in Singapore are rather broad with strong demand for shore-based maritime professionals.

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**Project Title:** Manpower Development of Maritime Professionals in Singapore  
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**www.ntu.edu.sg**