

Programme Project Report (PPR)

MBA - Shipping and Logistics Management

CONTENTS

- 1. About AMET Deemed to be University
- 2. Preamble
- 3. Contents of Programme Project Report (PPR)
 - I. Programme's mission and objectives
 - II. Relevance of the program with HEI's Mission and Goals
 - III. Nature of prospective target group of learners
 - IV. Appropriateness of programme to be conducted in Online mode to acquire specific skills and competence
 - V. Instructional Design
 - VI. Procedure for admissions, curriculum transaction and evaluation
 - VII. Requirement of the laboratory support and Library Resources
 - VIII. Cost estimate of the programme and the provisions
 - IX. Quality assurance mechanism and expected programme outcomes
- 4. Annexure Detailed Syllabi

ABOUT AMET DEEMED TO BE UNIVERSITY

The Academy of Maritime Education and Training (AMET) was established in the year 1993 at Chennai and elevated as a Deemed to be University during 2007.

AMET is the India's first Maritime Deemed to be University for maritime related education, training and research. During these three decades of journey, AMET has become as a "Global Maritime Knowledge Hub" which is suitably recognized by both National and International Authorities.

- AMET is ranked as one among the TOP 3 Maritime Universities of the World in the PIMET ranking by the International Association of Maritime Universities (IAMU).
- The Directorate General of Shipping (DGS), Ministry of Shipping, Government of India has accredited AMET with Grade A1 (Outstanding) for the past five consecutive terms through its Comprehensive Inspection Programme.
- In addition, the National Assessment and Accreditation Council (NAAC) of India have accredited AMET with A Grade and National Board of Accreditation has accredited selected Engineering and Management Programmes.
- AMET is also ranked high both in ARIIA and NIRF Ranking by the Government of India.
- The University is recognized as a Scientific and Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR) Government of India.
- The University is offering joint degrees with world renowned Universities such as James Cook University, Australia, Edge Hill University, United Kingdom etc.
- Through specific MoUs with major shipping companies like AP Moller Maersk and V-Ships, AMET is providing appointment orders along with admission to meritorious students.
- Around 20,000 of our passed out graduates occupy exalted positions in Shipping Companies, globally and proudly sail all over the world spreading the message of the quality education imparted at AMET which made them to occupy such coveted ranks in Shipping Companies in India and abroad.
- AMET secured its compliance certificate for ISO 9001:2015 QMS standards from the prestigious and globally renowned DET NORSKE VERITAS, Norway.

- AMET serves as an ocean of knowledge for over 3500 students pursuing Programmes ranging from Diploma to Doctoral programs through Faculty of Maritime Studies, Faculty of Engineering and Technology, Faculty of Advanced Computing Science, Faculty of Management Studies, Faculty of Commerce, Faculty of Life Sciences, Faculty of Liberal Arts, Faculty of Science and Humanities, related to marine and general sector programmes.
- For over two decades AMET is remaining as the favorite destination for campus interviews by many shipping giants such as AP MOLLER MAERSK, GOODWOOD, NYK, SONANGOL, VSHIPS, WALLEMS, SHELL, CHEVRON, STENA and so goes a list of over 100 companies.
- AMET has been recognized as a premier institution for marine and marine related jobs and has earned a position as a trustworthy consultants for research and development projects wherein the investment are worth to the tune of several crores of rupees.
- 21st August 2023 marks a another mile stone in the history AMET as the first batch of 80 cadets for BSc Nautical Science and BE Marine Engineering walked into the sprawling Maersk center of excellence established by AMET
- The Mearsk centre of excellence has been established exclusively to train the cadets selected for A.P.Moller Maersk. The cadets will be trained under the nautical and engineering streams and will be awarded degree in B.Sc Nautical Science and BE Marine Engineering. The exclusive campus hosts a plethora of electrical and electronic laboratories, workshops, communication labs, safety lab, seamanship lab, simulators, facility to scale up to adopt augmented and virtual reality and a canal to practice boat rowing and operation of life boats.

AMET has a very ambitious vision 2025 plan wherein it aims to be a one stop solution for all marine related activities happening around the world and has clearly charted out an action plan to gauge its growth towards its 2025 milestone. The dogged perseverance of AMET's unmatched faculty gears up the student to meet the challenges of their life and career with tenacity of mind, endeavor to face them and emerge victorious. With a synergistic attitude prevailing among management, staff and student, AMET is all set to achieve and sustain a status par excellence.

PREAMBLE

PRELIMINARY DEFINITIONS AND NOMENCLATURE

In these Regulations, unless the context otherwise requires

- i. "**Programme**" means Post-graduate Degree Programme offered under Online Learning (OL).
- ii. "**Course**" means a Theory/Project work and any other subject that is normally studied in a semester.
- iii. "Institution" means Academy of Maritime Education and Training (AMET)Deemed to be University
- iv. "Academic Council" means the Academic Council, which is the apex body on all academic matters of Academy of Maritime Education and Training (AMET) Deemed to be University
- v. "Controller of Examinations" means the Controller of Examinations of Academy of Maritime Education and Training (AMET) Deemed to be University, who is responsible for the conduct of examinations and declaration of results.
- "Director" means the Director of the Centre for Distance and Online Education (CDOE), CDOE is a part of AMET. AMET credentials – 30 years in existence.
- ii. "Online Learning" means a mode of providing flexible learning opportunities by overcoming the separation of teacher and learner using the internet, elearning materials and full-fledged programme delivery through the internet using technology-assisted mechanism and resources.
- iii. "Self-Learning e-Module (SLM) for Online mode" means a modular unit of course material in e-learning form which is inter alia of course material in elearning form which is inter alia self-explanatory, self-contained, self-directed at the learner, and amenable to self-evaluation, and enables the learner to acquire

the prescribed level of learning in a course of study and includes contents in the form of a combination of the following e-Learning content, namely

- e-Text Materials
- Audio Podcasts
- Video Lectures
- Audio-Visual interactive material
- Virtual Classroom Zoom/Team/WebEx/Google Class Room sessions
- Virtual Simulation labs and
- Self-Assessment Quizzes or Tests

CONTENTS OF PROGRAMME PROJECT REPORT (PPR)

I. Programme's Mission and Objectives:

The MBA in Shipping and Logistics Management program at AMET Deemed to be University likely aims to prepare students for leadership roles within the maritime industry, offering a blend of business administration with a specific focus on shipping and logistics. The mission and objectives are as follows

Industry-Relevant Education: Provide students with a comprehensive understanding of the shipping and logistics industry, its dynamics, challenges, and opportunities.

Business Acumen: Develop managerial and leadership skills tailored to the shipping and logistics sector, including strategic thinking, decision-making, and financial management.

Global Perspective: Equip students with a global outlook on shipping and logistics operations, considering international trade, regulations, and diverse cultural contexts.

Specialized Knowledge: Offer specialized knowledge in areas such as maritime law, supply chain management, port operations, freight management, and risk assessment.

Practical Exposure: Provide opportunities for hands-on learning, internships, or industry projects to bridge the gap between theory and practical application.

Networking and Industry Connections: Facilitate networking opportunities with industry professionals, guest lectures, and workshops to enhance career prospects and industry connections.

Ethical and Sustainable Practices: Emphasize the importance of ethical business practices and sustainable strategies within the maritime and logistics sectors.

II. Relevance of the program with HEI's mission and goals:

The relevance of an MBA program in Shipping and Logistics Management to a Higher Education Institution's (HEI) mission and goals can be multifaceted, aligning with several key aspects:

Specialization in a Niche Field: If the HEI focuses on providing specialized education in specific industries or fields, offering an MBA in Shipping and Logistics Management complements this focus. It demonstrates the institution's commitment to catering to industry-specific demands and producing skilled professionals in a niche sector.

Industry Collaboration and Partnerships: The program's alignment with the institution's mission might involve fostering collaborations with shipping companies, logistics firms, ports, or relevant industry bodies. Such partnerships enhance practical learning, research opportunities, internships, and potential employment prospects for students.

Career-Oriented Education: Many HEIs prioritize preparing students for their future careers. The MBA in Shipping and Logistics Management directly addresses this by equipping students with industry-relevant skills and knowledge, enhancing their employability upon graduation.

Global Perspective and Internationalization: Given the international nature of shipping and logistics, the program's focus on global trade, supply chain management, and international regulations aligns with HEIs aiming to provide students with a global outlook and international exposure.

Contribution to Economic Development: The shipping and logistics industry significantly contributes to a country's economic growth. An institution offering an MBA in this field may align its mission with contributing to the economic development of the region or country by producing skilled professionals who can drive growth in these sectors.

Sustainability and Ethical Practices: If the HEI emphasizes sustainability and ethical practices, the program might integrate teachings on sustainable shipping practices, environmental regulations, and ethical considerations within the logistics and maritime sectors.

VISION:

To continuously upgrade the quality of our curriculum and pedagogy in order to achieve the status of one of the top-ranking institutions in the Online Education in the world.

MISSION:

- To be a source of effective value based managerial talent for the sustained development of Business Management, Logistics, and Shipping, not only in India but across the Globe.
- To emerge as a Centre of Excellence in technical, managerial and leadership in business based industrial needs.
- To disseminate world-class, cutting edge education and training that shapes the way organizations operate and businesses are led and managed.
- To produce world-class, socially responsible, creative leaders and entrepreneurs who think on a global scale.
- To endow students with the educational opportunity belonging to different socioeconomic backgrounds.
- To engage meaningfully with business trade and commerce to create a better society.

III. Nature of prospective target group of learners:

The prospective target group for an MBA in Shipping and Logistics Management through Online mode typically includes Individuals already employed in the maritime, shipping, or logistics sectors seeking career advancement without interrupting their jobs. Online mode allows them to balance work commitments with studies. Recent graduates with a background or interest in logistics, supply chain management, business, or related fields aiming to specialize in shipping and logistics while gaining practical experience.

Those from diverse geographical locations interested in pursuing a specialized MBA program in shipping and logistics from a reputable institution without relocating, offering flexibility in learning.

Professionals from other industries aspiring to transition into the shipping and logistics sector, leveraging an MBA program to gain industry-specific knowledge and skills.

Individuals managing or planning to start their logistics-related businesses who seek a comprehensive understanding of the industry's nuances and managerial strategies.

The Online mode appeals to diverse learners due to its flexibility, allowing students to study at their own pace and convenience. It accommodates various learner profiles, providing access to quality education regardless of geographical constraints or work commitments.

IV. Appropriateness of programme to be conducted in Online mode to acquire specific skills and competence:

An MBA in Shipping and Logistics Management conducted through Online mode can be highly appropriate for acquiring specific skills and competence due to several reasons:

Flexibility and Accessibility: Online modes offer flexibility in learning, allowing students to access course materials, lectures, and resources at their convenience. This accommodates working professionals, international students, or individuals with other commitments, enabling them to acquire skills without disrupting their schedules.

Industry-Relevant Curriculum: These programs can offer up-to-date and industry-aligned content, including case studies, simulations, and real-world scenarios, providing students with practical knowledge and skills required in the shipping and logistics sectors.

Global Reach and Diversity: Online platforms enable participation from a diverse range of students worldwide, fostering a rich learning environment where individuals from different backgrounds and geographical locations can share insights and experiences, enhancing the overall learning experience.

Technology Integration: Utilization of technology in online learning can simulate real-world logistics scenarios, use interactive tools for understanding supply chain operations, and offer practical experiences through virtual simulations or software applications used in the industry.

Networking Opportunities: Virtual discussions, forums, and collaborative projects facilitate networking among students, alumni, and industry professionals, creating opportunities for knowledge exchange, mentorship, and career growth.

Cost-effectiveness: Online programs often have lower tuition fees and eliminate expenses related to commuting or relocation, making quality education more accessible to a broader spectrum of learners.

Adaptability to Industry Changes: The shipping and logistics industry evolves rapidly. Online programs can be more agile in updating their curriculum to match industry trends and innovations, ensuring students are equipped with the most relevant skills and knowledge.

V. Instructional Design:

Instructional design is the practice of designing, creating and delivering learning materials and programs. It can be applied to both physical and virtual education, including online courses.

The 5 steps of ADDIE instructional model is used with the steps such as

- Analyze
- Design
- Develop
- Implement
- Evaluate

a. Curriculum Design & Credit Structure

List of Courses for the Program

(Semester wise)

Semester-I

Sr. No	Course Code	Course Title	L	Т	Р	С		
	Programme Core							
1	CDOEMB101D	People Management and Organisational Behaviour	3	0	0	3		
2	CDOEMB102D	Global Shipping Business	3	1	0	4		
3	CDOEMB103D	Maritime Economics	3	0	0	3		
4	CDOEMB104D	Marketing Management	3	0	0	3		
5	CDOEMB105D	Accounting and Financial Management	2	2	0	4		
6	CDOEMB106D	Data Analysis	2	2	0	4		
7	CDOEMB107D	Communication for Managers	3	0	0	3		
		Programme Elective						
8		Elective-1	3	0	0	3		
		TOTAL	22	5	0	27		
	Note: L- Lectur	e T- Tutorial P – Practical	C- Cr	redit	•			

<u>MBA – Semester-II</u>

S. No	Course Code	Course Title	L	Т	Р	С	
		Programme Core					
1	CDOEMB201D	Chartering and Commercial Geography	3	1	0	4	
2	CDOEMB202D	3	1	0	4		
3	CDOEMB203D	Liner Shipping Business	3	1	0	4	
4	CDOEMB204D	Port Operations and Pricing	3	1	0	4	
5	CDOEMB205D	Research Methodology	3	1	0	4	
6	CDOEMB206D	International Business	3	1	0	4	
		Programme Elective					
7		Elective-2	3	0	0	3	
	TOTAL 21 6 0						
	Note: L- Lectur	e T-Tutorial P – Practical	C	C- Credit			

<u>MBA – Semester-III</u>

S. No	Course Code	Course Title	L	Т	Р	C
1	CDOEMB301D	Maritime Law and Customs Procedures	3	0	0	3
2	CDOEMB302D	Export and Import Management	3	0	0	3
3	CDOEMB303D	3303D Port Agency Operations		0	0	3
4	CDOEMB304D	Supply Chain and Materials Management		0	0	3
5	CDOEMB305D	E-Commerce	3	0	0	3
6	CDOEMB306D	Shipping Finance and Marine Insurance	3	0	0	3
7	CDOEMB307D	International Marketing	3	0	0	3
8	CDOEMB308D	Customer Relationship Management	3	0	0	3
		Programme Elective				
9		Elective-3	3	0	0	3
		TOTAL	27	0	0	27

<u>MBA – Semester-IV</u>

S. No	Course Code	Course Title	L	Т	Р	C		
		Programme Core						
1	CDOEMB401D	Entrepreneurship Development	3	1	0	4		
2	CDOEMB402D	3	0	0	3			
	Programme Elective							
3		Elective-4	3	0	0	3		
	Project							
4	CDOEMB403D	Shipping and Logistics Project	0	0	10	5		
	TOTAL				10	15		
	Note: L- Lectu	re T- Tutorial P – Practical	(C- Credit				

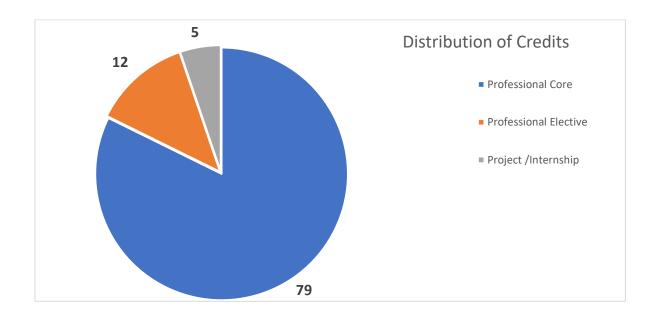
S. No	Course Code	Course Title		L	Т	Р	С		
	Programme Electives								
1	CDOEMBE01D	Computer Applications for Business		3	0	0	3		
2	CDOEMBE02D	Cross Cultural Management		3	0	0	3		
3	CDOEMBE03D	International HRM		3	0	0	3		
4	CDOEMBE04D	Air Cargo Management		3	0	0	3		
5	CDOEMBE05D	Merchant Banking and Financial Services		3	0	0	3		
6	CDOEMBE06D	Cruise Management		3	0	0	3		
7	CDOEMBE07D	ales and Retail Management		3	0	0	3		
8	CDOEMBE08D	Strategic Management		3	0	0	3		

MBA CURRICULUM – CREDIT SHARE

Semester	Lecture	Tutorial	Practical	Credits
Semester 1	22	5	0	27
Semester 2	21	6	0	27
Semester 3	27	8	0	27
Semester 4	9	1	10	15
Total	93	19	12	96

Distribution of Credits

Programme Core	Programme Elective	Project	Total
79	12	5	96



b. Detailed Syllabi

Detailed Syllabus for the Programme / Courses is attached in Annexure

c. Duration of the Program

The Programme can be completed in a minimum of 2 years, and a maximum of 'n+2' years, as per UGC Regulations.

d. Faculty & Support Staff Requirements

Faculty shall be allocated as per the requirements stipulated in the UGC Regulations & Guidelines for ODL, as the following

Associate Professor / Assistant Professor : 2 nos.

Support Staff also shall be allocated, as per the guidelines, for the first 5000 students shall be ensured at all times.

e. Instruction Delivery Mechanisms

Courses are delivered in a 'self-study' mode with learning material in the form of SLM's, (print form / eBook Form) and Self Assessments being available to the students. Additionally ,Personal Contact Programs (PCP's) in classroom lecture mode at campus and online via recorded lecture / virtual classroom sessions to be provided as per a fixed schedule towards the end of each term.

f. Instruction Media

Program Instruction shall be delivered using Print SLM, eBook/eSLM, as well as a Personal Contact Program that shall be conducted in classroom mode, as well as broadcast using the internet using virtual classroom platform for students unable to attend physically.

g. Student Support Service Systems

Learner Support Service via Web, Chat, Call Support. Access to counsellors at Department on University campus. Access to Library resources at the University / Department.

VI. Procedure for admissions, curriculum transaction and evaluation:

A. ELIGIBILITY FOR ADMISSION

Eligibility for Admission into Online Programmes (MBA – Shipping and Logistics Management) are as follows:

S.No.	Programme	Admission Requirements					
		Students with any Under Graduate Degree					
	MBA – Shipping	from UGC recognised institutions with					
1	and Logistics	10+2+3 (or) 10+2+4 years of study and those					
1	Management	appearing for their final examination (subject					
	(OL)	to passing) in the prescribed pattern are					
		eligible to apply for MBA programme					

- For admission into OL programme other than Indian students stated above, foreign students are also eligible to enrol this programme.
- Admission Eligibility requirements for OL programmes (MBA Shipping and Logistics Management) are same as programme (MBA – Shipping and Logistics Management) offered in full time regular (conventional) mode under respective Regulations.
- Eligibility conditions for admission such as class obtained, number of attempts in the qualifying examination and physical fitness will be as prescribed by this Institution from time to time.

B. PROGRAM DELIVERY – METHOD & TOOLS

Study material, in the form of e-books, shall be provided to each student at the beginning of the year.

A Web based Portal which shall allow the student access to the following

- Admission & Enrolment Details
- Fee Details and Online Fee Payment Gateway
- Prospectus, Regulations & Syllabus

- Notifications (Admissions, fees, examinations etc)
- Course List, with completion status and scores /results
- eBook's / ePrint of SLM's.
- Self-Assessment/Practice Tests (unscored)
- Continuous Assessments /Assignments
- Online Classroom Lectures (Recorded or via Virtual Classroom session) as conducted each semester.
- Online Learners forum, for student to student interaction.
- Online Copy of the Grade sheet.

C. DURATION AND STRUCTURE OF PROGRAMME

The minimum and the maximum period for completion of programme will be as follows:

Programme (OL)	Min. No. of Semesters	Max. No. of Semesters
MBA – Shipping and Logistics Management	4	8

- This programme is designed to include the following components as prescribed in the respective curriculum:
 - a. Core courses
 - b. Elective courses
 - c. Assignments
 - d. Project work
- The medium of instruction and examination in the above components are only in English.
- The curriculum and syllabi of the MBA Shipping and Logistics Management Online programme shall be as per the guidelines of the UGC / AICTE and approved by the Academic Council of this Institution.

- Each academic year shall normally be for one year which is divided into two semesters. The continuous internal assessments and semester-end examinations shall follow the Academic Calendar and Examination Schedule.
- The curriculum and syllabi of Online programmes (MBA Shipping and Logistics Management are same as curriculum and syllabi of programmes (MBA – Shipping and Logistics Management) offered in full time regular (conventional) mode under respective regulations.
- The structure for framing assessment patterns and monitoring the teaching learning process of Online programmes (MBA Shipping and Logistics Management) are the same as for programmes (MBA Shipping and Logistics Management) offered in full time regular (conventional) mode under respective regulations.
- The curriculum of MBA Shipping and Logistics Management Online programmes shall follow the minimum prescribed credits required for the award of the degree as specified in the AICTE guidelines for this programme as given below:

Programmes	Minimum Prescribed Credits
MBA – Shipping and Logistics Management	96

The norms for delivery of courses offered through ODL mode are as follows:

S.No.	Credit Value of the Course	Size of SMLs Range (in terms of units)	No. of Assignments	No. of Counseling Sessions Theory (10 percent of Total Study Hours) (hrs.)	Study Hours of Learner (hrs.)
1	2	6-10	1	6	60
2	4	14-20	2	12	120
3	6	20-28	3	18	180
4	8	30-34	4	24	240

D. DELIVERY OF ONLINE MATERIALS

As per UGC guidelines, Learning Materials are delivered through LMS (Learning Management System) platform with 4 Quadrant approach. Unit wise CIA (Continuous internal Assessment) is designed as per Blooms Taxonomy assessment recommendations and conducted online using LMS Platform as per the semester requirement of the course.

Quadrant I: e-Tutorial with audio, animation, simulation and video materials

- **Quadrant II:** Lecture notes in the PDF, video demonstrations, interactive chats, web links, open-source simulators, case studies and role-plays will be provided as per the course needs.
- **Quadrant III:** Discussion Forums, Feedback Forums, Helpdesk for Doubts clearing Sessions for every course unit will be coordinated by the coordinator and conducted by the respective faculties.
- **Quadrant IV:** Self-Assessment like MCQ, Quizzes, Assignments, FAQ on course units, Clarification post assessment discussion forums.

			No. of Intera	ctive Sessions	Hours of Stu	ıdy Material		
S.No.	Credit value of the course	No. of Weeks	Synchronous Online Counselling/ No. of D No. of Webinars/ 255		e-Tutorial in hours	e-Content hours	Self-Study hours including Assessme nt etc.	Total Hours of Study (based on 30 hours per credit)
1	2 credits	6 weeks	6 hours	12 hours	10	10	22	60
2	4 credits	12 weeks	12 hours	24 hours	20	20	44	120
3	6 credits	14 weeks	14 hours	28 hours	30	30	66	180
4	8 credits	16 weeks	16 hours	32 hours	40	40	88	240

Norms for Delivery of Courses in Online Mode

E. ASSESSMENTS AND EXAMINATIONS

- The weightage for different components of assessments for programmes offered through Online mode shall be as under:
 - a) Formative Assessment (Continuous Internal Assessment) : 30 %.
 - b) Summative assessment (End Semester Examination) : 70 %

For project work the assessment pattern is as follows:

Review of Project W	ork	Dissertation & Viva-Voce	
Component	Marks	Component	Marks
First Review	5	Presentation	15
Second Review	10	Content Originality	15
Third Review	15	Study/Model and Analysis Validity	15
		Findings & Conclusion	15
		Future Scope	10
Total	30		70

- End Semester Assessment Pattern for Online Learning Mode: The Examinations for online learning mode shall be conducted using the technology-enabled to conduct an online test with all the security arrangements ensuring transparency and credibility of the examinations, or through the Proctored Examination and in conformity with any other norms for such examination as may be laid down by the Commission.
- Appearing for semester-end theory examination for each course is mandatory and a student should secure a minimum of 50% marks for MBA programme and 40% marks for BBA and B.Com programmes, in each course in semester-end examination for the successful completion of the course.
- The components of continuous assessment for theory and practical courses shall be finalized in the first-class committee meeting.
- For the first attempt of the arrear theory examination, the internal assessment marks scored for a course during the first appearance shall be considered for grading along with the marks scored in the semester-end arrear examination. From the subsequent appearance onwards, full weightage shall be assigned to the marks scored in the

semester-end examination to award grades and the internal assessment marks secured during the course of study shall not be considered.

The procedures followed for awarding marks and fixing grades for Online programmes such as MBA, BBA & B.Com are the same as for programmes offered in the regular (conventional) mode.

F. PASSING, DECLARATION OF RESULTS AND GRADE SHEET

• All assessments for a course shall be made on absolute marks basis. However, the Class Monitoring Committee without the student members shall meet within 5 days after the End Semester Examination and analyse the performance of students in all assessments of a course and award letter grades. The letter grades and the corresponding grade points for MBA are as follows:

Letter Grades	Grade Points	Percentage of Marks
O (Outstanding)	10	100
A+ (Excellent)	9.0 - 9.9	Marks \geq 90 and Marks \leq 99
A (Very Good)	8.0 - 8.9	Marks ≥ 80 and Marks ≤ 89
B + (Good)	7.0 - 7.9	Marks \geq 70 and Marks \leq 79
B (Above Average)	6.0 - 6.9	Marks ≥ 60 and Marks ≤ 69
C (Average)	5.0 - 5.9	Marks ≥ 50 and Marks ≤ 59
RA (Re-Appear)	0.0-4.9	Marks < 50
AB (Absent)	0	Absent

Grade Point Average (G.P.A.)

Sum of multiplication of grade points and the credits of the courses (Total Credit Points)

Sum of the credits of the courses (passed) in a semester (No. of Credits)

* G.P.A. and No. of Credits will not be displayed for Students who have not cleared all the courses.

<u>Marks</u>

Maximum CIA (Continuous Internal Assessment)	30
Maximum ESE (End Semester Examinations)	70

- A student who earns a minimum of five grade points, declared to have successfully completed the course. Such a course cannot be repeated by the student for improvement of grade.
- The results, after awarding of grades, shall be signed by the Chairman of the Class Committee and declared by the Controller of Examinations.
- Within one week from the date of declaration of result, a student can apply for revaluation of his / her semester end theory examination answer script more courses, on payment of prescribed fee to the Controller of Examinations.
- After results are declared, grade report shall be issued to each student, which contains the following details:
 - a. List of courses along with course code enrolled during the semester / arrear courses, if any;
 - b. Marks secured (CIA, ESE & Total);
 - c. Passing Minimum;
 - d. Grade Point Semester Wise Grade Point Average (GPA) of all courses enrolled from first semester onwards, if completed for the semester
 - e. Result
- GPA is the ratio of the sum of the products of the number of credits of courses registered and the grade points courses, taken for all the courses, to the sum of the number of credits of all the courses in the semester.

Grade Point Average (G.P.A.) Sum of multiplication of grade points and the credits of the courses (Total Credit Points) Sum of the credits of the courses (passed) in a semester (No. of Credits)

* G.P.A. and No. of Credits will not be displayed for Students who have not cleared all the courses.

• The formula for the conversion of CGPA to the equivalent percentage of marks is as follows:

Percentage Equivalent of Marks = CGPA X 10

• After successful completion of the programme, the Degree shall be awarded upon fulfilment of curriculum requirements and classification based on CGPA as follows:

Classification	CGPA
First Class with Exemplary	9.0 CGPA and Above (First Attempt within stipulated Time and no break of study)
First Class with Distinction	7.5 CGPA and Above (First Attempt within stipulated Time and no break of study)
First Class	6 CGPA and Below 7.5 CGPA
Second Class	5.0 and Below 6 CGPA

• For the purpose of classification, the CGPA shall be rounded to two decimal places. For the purpose of comparison of the performance of students and ranking, CGPA will be considered up to three decimal places.

G. POWER TO MODIFY THE REGULATION

Academy of Maritime Education and Training (AMET) Deemed to be University's Academic Council has the RIGHT and POWER TO MODIFY any of the above regulations from time to time as per the guidelines.

VII. Requirement of the laboratory support and Library resources:

Students registered in the Online programme and who desire to avail themselves of library facilities will be permitted to make use of the Exclusive Library earmarked for ODL programmes in the University and also they will be permitted to use the main University Library. Additional online resources are also provided via the Learning Management System, with access to eLibrary.

Courses that require Laboratory support shall be provided with online virtual lab and lab simulation tools and software, to allow students to practice accordingly.

VIII. Cost estimate of the programme and the provisions:

The Finance Committee will set aside budgetary provisions towards Programme Development, Programme Delivery, and Programme Maintenance. Once the programmes are operational, fee receipts from the program may be used to cover the same, as per the guidance of the Executive Council. The cost estimate is given in Indian Rupees (INR) for launching three online programmes such as MBA, BBA, and B.Com:

1.	Technology Infrastructure:	1
	Website Development:	17,55,000
	Learning Management System (LMS):	70,20,000
	Video Conferencing Tools:	3,51,000
2.	Content Creation:	
	Curriculum Development:	17,55,000
	Multimedia Production:	1,75,50,000
	Copyrights and Licensing:	3,51,000
3.	Faculty and Staff:	
	Instructional Designers:	5,00,000
	Subject Matter Experts:	5,00,000
	Technical Support:	1,00,000
4.	Marketing and Promotion:	
	Digital Marketing:	25,00,000
	Branding and Design:	25,00,000
5.	Administration and Operations:	
	Administrative Staff:	12,00,000
	Legal and Regulatory Compliance:	1,00,000
6.	Infrastructure and Equipment:	
	Servers and Hosting:	24,57,000
	Computers and Devices:	24,57,000
7.	Miscellaneous Expenses:	
	Training and Development:	5,00,000
	Contingency Fund:	10,00,000
		4,25,96,000

IX. Quality assurance mechanism and expected program outcomes

- a. Review Mechanism for Programme
- b. Course Benchmarking
- c. Mechanism for Monitoring Effectiveness.

The CIQA is striving to bring newer initiatives pertaining to research, campus development, ICT adoption in teaching, providing better focus for the research scholars through workshops, coordinating Academic and Administrative Audit of the University, etc. At the end of every academic year, the University conducts assessment of the curriculum / course/ academic programme by students. The assessment focuses on broad areas like 1) reasons for selecting courses, 2) facilities available in the Departments, 3) quality of the syllabus, 4) internal assessment evaluation, 5) quality of the teacher in terms of regularity to classes, command over language, encouragement of students in the classes, completion of syllabus and 5) rating of the programme and the Department. This feedback contributes to the academic radar prepared by the CIQA.

Towards the Quality Assurance Mechanism for ODL Programs, the University shall establish a Centre for Internal Quality Assurance exclusively for programmes in the Online mode and follow the Quality Assurance Guidelines on learning materials in multiple media, human resources, curriculum and pedagogy, as specified in the UGC ODL Regulations.

The CIQA will be required to conduct training and capacity building of teaching and administrative staff and counselors at regular intervals.

The University IQAC's cell shall work closely with the CIQA to develop Feedback mechanisms, to allow for Program and Process Review on a regular basis. 360 Degree feedback, from Students, Faculty, Counsellors and Admin Staff shall be processed, and suggestions and improvements incorporated accordingly.

The Course shall be benchmarked with the Courses conducted in campus, for full time students, in order to ascertain the quality. Students Learning outcomes as measured in the exam's and test shall be compared on a regular basis.

Post completion of a Degree Program, students will be regularly polled / interviewed using email feedback surveys, to measure impact of the program on their professional and academic lives. These indicators shall be used to constantly improve upon the programs, and make them at par industry standards and expectations.

ANNEXURE - DETAILED SYLLABI



PROGRA	M	MF	3A-Shippi	ing and Lo	ogistics ma	nagemen	t					
Course C	Code :	MBA-Shipping and Logistics management Course Name :					L	Т	Р	С		
CDOEM	B101D	PE	OPLE M	ANAGE	MENT AN	ND						
		OF	ORGANISATIONAL BEHAVIOUR 3 0 0									
Year and		I (I	SEMEST	TER)								
Semester												
Course ca		Core										
Course Ob	jective	1.										
			2. To learn about organisational behaviour									
			3. To study about organisational behavioural challenges.									
			 To learn the role of organisational culture and organisational development To understand the importance of maritime human resource practices. 									
		5.								5.		
Course Out	come	On		il complet	tion of the				ble to			
			CO	F 1 ·	.1		ourse Outo	come			BTL	
COI					the process			1			K2 K4	
CO2 CO3					e the concept of the				n		K4 K4	
					Examine the challenges of behaviour in organizationIdentify the need for organisational culture and organisational							
	CO4				development						K3	
			CO5	Identify	the importa	ance of ma	ritime huma	an resource	e practices.		K3	
			CO6	Apply n	nanagement	t and huma	n resource	practices			K3	
						1						
	POs		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8		
	COs	5								100		
	CO1	l	2	-	-	-	-	-	-	2		
	CO2	2	2	-	2	2	2	2	3	3		
	CO3	3		-	3	2	3	2	3	3		
	CO4	1	3	-	3	2	2	2	2	2		
	COS	5	2	-	2	3	2	2	2	3		
	COe	5 3		-	3	3	2	2	3	3		
	Avera	ge	2.5	-	2.6	2.4	2.2	2.0	2.6	2.7		
	Correl	atio	n Levels	1. Slig	ht (Low)		oderate lium)	3.Su	bstantial (High)		



UNIT-1: HISTORY AND PROCESS OF MANAGEMENT

Evolution of Management, Scientific Management, Taylorism, Hawthorne studies, School of thoughts, Fayol's principles. Management Process - Planning, Organizing, Staffing, Directing and Controlling. Challenges of managing 21st century corporations/organization. Motivational theories.

UNIT-2: ORGANISATIONAL BEHAVIOUR

Organisational behaviour - Concept and significance; Contributing disciplines, challenges and opportunities. Personality, Perception, Attitudes, Values, Learning – Work teams and Group behavior - Nature of Groups, Various types of groups, stages of Group development, group properties - types of teams, team roles, group decision making. Interpersonal Communication, Interpersonal Relationships. Leadership - concepts and styles.

UNIT-3: BEHAVIOUR CHALLENGES IN ORGANISATION

Conflict – Nature and Causes of Conflict, Classification of Conflict, Individual and Group conflict, the Conflict Process, Conflict management - Negotiation - The Negotiation Process, Issues, Third-Party Negotiation. Power and Politics - Definition and meaning of power, Bases of Power, Organizational Culture, Characteristics, Functions of culture. Organizational Change - Forces of Change, managing planned change, the change process, Resistance to change, Overcoming resistance to change, Meaning of OD, the OD Process, Types of OD Interventions.

UNIT-4: ORGANISATIONAL CHANGE & OD IN ORGANISATION

Organizational Culture - Characteristics, Functions of culture. Organizational Change - Forces of Change, managing planned change, the change process, Resistance to change, Overcoming resistance to change - Meaning of OD, the OD Process, Types of OD Interventions.

UNIT-5: MARITIME HUMAN RESOURCE PRACTICES

Selection and placement of ship's and shore-based personnel, Performance evaluation-onboard and ashore, Compensation and rewards in the shipping industry, Outsourcing of maritime human resource practices.

TEXT BOOKS :

- 1. C.B. Gupta, Management Theory & Practice, Publisher: Sultan Chand & Co, 2018
- 2. P.N.Tripathi, Principles of Management, Publisher: Tata Mcgraw Hill, 2019
- 3. Stephen.Robins, Organisational Behaviour, Publisher: Pearson Education, 2013
- 4. Robbins, S.P. and Decenzo, D.A., Fundamentals of Management, Pearson Education Asia, New Delhi.2017

REFERENCE :

- 5. F Luthans, Organizational behaviour, Publisher: Tata McGraw Hill, 2017
- 6. Koontz and Odonell, Essentials of Management, Publisher: Tata McGraw Hill, 2019
- 7. V.S.P Rao, Human Resource Management, Text & Cases, Excel Books, 2013



PROGRAM	[MBA-S	MBA-Shipping and Logistics Management										
Course C	ode :	Course	ourse Name :LTPLOBAL SHIPPING BUSINESS310										
CDOEME	B102D	GLOB	AL	SHIPPIN	G BUSIN	NESS	3	1		0	4		
Year and Ser	nester	I (I Ser	neste	er)				•	•				
Course cate	egory	Core											
Course Obje	ective	1. To	gain	the basic	knowledg	ge on ship	ping busir	ness					
-		2. To understand types of ships and classification of cargoes											
					tions of st								
							e of shippi						
							l terms an						
Course Outco	ome		cessi	ful comple	etion of th		the studer		able to				
		CO	T.1.		•••••••••••••••••••••••••••••••••••••••		rse Outco				BTL		
		CO1 CO2					oing busine				K3 K4		
		CO2		amine the different types of ships and cargoes plain the functions of stowage of cargo							K4 K2		
			-	<u> </u>									
		CO4 CO5		ntify the role of shipping organisations							K3 K4		
		C05		umine the international commercial terms and documentation by the knowledge of shipping business in the transportation of cargoes						K4 K3			
		[COO [Appry the knowledge of simpping business in the transportation of cargoes							KJ				
	POs/ COs	PC	01	PO2	PO3	PO4	PO5	PO6	PO7	PO8			
	CO1	2		-	-	-	-	-	2	3			
	CO2	2		-	-	-	-	-	3	3			
	CO3	2		-	2	-	2	3	2	3			
	CO4	2		-	-	-	-	-	2	3			
	CO5	2		2	3	-	2	2	3	3			
	CO6	3		3	2	-	2	3	3	3			
	Averag	e 2.	2	2.5	2.3	-	2.0	2.7	2.5	3			
		relation evels		1. Sligh	nt (Low)		derate lium)	3.Sut	ostantial ((High)			



UNIT-1: SHIPPING BUSINESS

Function of shipping, Challenges facing the shipping industry, Basic specifications of the ship, Methods of tonnage measurement, Load Lines, Ship Registration and Classification, Maritime Canals. Maritime India Vision 2030.

UNIT-2: SHIPS AND CARGOES

Types of Ships such as Container ships, Dry bulk cargo ships, Tankers, RoRo vessels and Project cargo vessels, Classification of cargoes such as Bulk cargoes, Liner cargoes, ODC & Project cargoes,

UNIT-3: STOWAGE OF CARGO

Stowage of cargo-Principles of Stowage, Cargo and container handling equipment, Types of packing, Dangerous cargo and IMDG code.

UNIT-4: SHIPPING ORGANISATIONS

Liner organization, Tramp organization, Ownership of vessels. Ship Financiers, Ship Chandlers, Ship Brokers, Ship Charterers, Freight Forwarders, Non-Vessel Operating Common Carriers, Ship Agent, Maritime Administrators.

UNIT-5: INCOTERMS AND SHIPPING DOCUMENTATION

Trading Process, INCOTERMS-2020, Salient points of a Bill of Lading, Types and functions of bills of Lading, Sea waybill, Letter of Credit, Major shipping documents required for exports and imports.

TEXT BOOKS :

- 1. Alan Branch, Elements of shipping, Publisher: Sterling/ Routledge, 2014, 9th Edition
- 2. Peter Brodie, Commercial Shipping Handbook, Publisher: Lloyd's of London Press, 2015, 3rd Edition

REFERENCE

- 3. Jamshed Irani, Basics Of Chartering, Publisher: One Point Six Technologies Pvt Ltd, 2022, 1st Edition
- 4. D. J, Bowersox & D.J. Gloss, Logistical Management The integrated supply chain process, Publisher: McGraw-Hill, 2017, 4th Edition



PROGRAM	М	MBA-Sł	nipping an	d Logistic	cs manage	ement				
Cours	e Code :	Course N	Name :			L	Т		P	С
CDOE	MB103D	MARIT	RITIME ECONOMICS 3 0 0							3
Year and	Semester	I (I Seme	ester)					•		
Course c	ategory	Core								
	Course Objective1. To impart concepts & functions related to Business Economics2. To understand the Business decision making, cost aspects3. To gain knowledge about role of Economics in shipping industry4. To understand and apply demand & supply patterns and the impact on GloTrade5. To interpret the economic forces in Maritime Industry								t on Globa	Maritime
Course Ou	utcome	On succe	essful com	pletion of t	he course,	the studen	ts will be a	ble to		
		CO			rse Outcor				BTL	
		CO1		ne basic con					K2	
		CO2		s the differe					K2	
		CO3 CO4		y the econor					K3	
		C04 C05		he demand a in the conce					K4 K2	
		CO6		e economic					K2 K3	
							j		-	
	POs/ COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	
	C01	2	-	-	-	-	2	2	2	
	CO2	2	-	-	-	-	2	2	2	
	CO3	2	-	-	-	2	2	-	2	
	CO4	2	2	-	-	2	2	2	2	
	CO5	2	-	-	-	2	2	-	2	
	CO6	3	2	-	3	2	2	2	2	
	Average	2.2	2.0	-	3.0	2.0	2.0	2.0	2.0	
	Correlatio	n Levels	Lovola Night (Low)			derate lium)	3.Sut	3.Substantial (High)		



UNIT-1: BASIC CONCEPTS OF ECONOMICS

Managerial Economics and business decision making, Role of Managerial Economics, Fundamental concepts of Managerial Economics; Demand Analysis: Meaning, determinants and types of demand, Elasticity of demand; Supply Analysis- Demand and supply for sea transport, the world merchant fleet, the four shipping markets: freight market, sale & purchase market, new building market, demolition market. Case Study Discussion.

UNIT-2: EQUILIBRIUM IN INTERNATIONAL TRADE

Balance of Trade and Balance of Payments, Disequilibrium in BOP, Adjustments for equilibrium in BOP, Exchange Rate Theories, Determinants of Exchange Rate, Fixed Rate Vs Floating Rate systems, Trade Barriers and Trade Blocks.

UNIT-3: DEMAND & SUPPLY FOR SHIPPING

Derived demand, Demand measurement, Effect of Substitution, Freight Rate mechanisms, Productivity and supply trends, surplus tonnage, active fleet, short run supply. Measuring elasticity of demand & supply, Determination of equilibrium pricing in various segments.

UNIT-4: MARKET STRUCTURE

Market Characteristics, Pricing and output decisions, methods of pricing, differential pricing, Government intervention and pricing. Cost concepts, Cost functions, Cost-Output relationship, Economies and diseconomies of scale. Case Study Discussion.

UNIT-5: SHIPPING ECONOMICS

Global pattern of maritime trade, Economics of bulk shipping, Economics of liner shipping, Economics of ships and ship designs, Economics of shipbuilding and scrapping. Impact of Shipping Industry in the GDP of India.

TEXT BOOKS :

- 1. Varshney. R.L. and Maheshwari. K.L., Managerial Economics, Publisher: Prentice Hall of India, 2017
- 2. Martin Stopford, Maritime Economics, Publisher: Routledge, 2019
- 3. Joel Dean, Managerial Economics, Publisher: Prentice Hall of India, 2020

REFERENCE BOOK:

4. Review of Maritime Transport, United Nations Conference on Trade and Development, 2023



PROGRAM			Shipping an									
Course Coc		Course	e Name: MA	RKETING	MANAGEM	IENT	L	Т	Р	C		
CDOEMB1	04D											
							3	0	0	3		
Year and Sem	ester	I (I Se	mester)									
Course cate	gory	Core	Core									
Course Object	tive	1.	To underst	tand the cond	cepts of marke	eting						
		2.			rketing plann							
		3.			l managemen			unication				
		4.			tions of cons							
		5.			n of virtual re							
Course Outco	ne		ccessful com	pletion of th	e course, the)		1		
		CO	T1	1 10		se Outcom	e			BTI		
		CO1 CO2		he need for m		n lonning o	nd man durat m	anagamant		K3 K4		
		CO2 CO3			e of marketing					К4 К2		
		CO4			onsumer behav			lumeation		K2 K3		
		CO5			developments					K3		
		CO6			d strategies of 1					K3		
POs/												
COs		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO	8		
		_										
CO1		2	3	-	-	-	-	3	2			
CO2		2	3	-	-	-	-	3	3			
001		-										
CO3		-	2	3	-	-	-	3	3			
CO3		-	2	3	-	-	-	3	3			
		-			-	-	-					
CO3 CO4		-	2	3	-	-	-	3 2	3			
CO4		-	2	3	-	-	-	2	3			
		- 2			- 2	-	2					
CO4		- 2	2	3	- - 2	-	- 2	2	3			
CO4 CO5			2 3	3	- - 2	-		2	3			
CO4		- - 2 3	2	3		-	- - 2 3	2	3			
CO4 CO5			2 3	3				2	3			

2. Moderate (Medium)

3.Substantial (High)

1. Slight (Low)

Correlation

Levels



UNIT-1: INTRODUCTION TO MARKETING MANAGEMENT

Marketing philosophies – Importance of marketing, Functions and Scope of marketing management - Evolution of marketing ideas - Core concept of marketing management – Marketing Mix - Delivering Customer value and satisfaction.

UNIT-2: MARKETING PLANNING AND PRODUCT MANAGEMENT

Strategic planning and process – Marketing Information System and Marketing Research- Marketing Environment. Product management: Product mix and product line decisions - Product Life Cycle - New product planning and process. Price Setting: Objectives, factors, and methods, Price adapting policies, Initiating and responding to price changes.

UNIT-3: CHANNEL MANAGEMENT AND MARKETING COMMUNICATION

Marketing channel system- Functions and flows, Channel design, Channel management, Selection, Training, Motivation and Evaluation of channel members. Channel dynamics- VMS, HMS, MMS- Market logistic decisions. **Marketing Communication:** Integrated marketing communication process and mix- Advertising – Sales Promotion and Public relation. Direct marketing – Growth, Benefits, and Channels; Telemarketing, Digital and Social Media Marketing.

UNIT-4: CONSUMER BEHAVIOUR

Opinion Leadership – Dynamics of opinion Leadership Process – The Motivation behind Opinion Leadership – The Diffusion Process – the Adoption Process – Levels of consumer decision making – Models of Consumer Decision Making.

UNIT-5: ISSUES AND DEVELOPMENTS IN MARKETING

Social, ethical and legal aspects of marketing; Marketing of services; International marketing; Green marketing; Cyber marketing; Relationship marketing and other developments of marketing.

TEXT BOOKS :

- 1. Philip Kotler, Kevin lane Keller, Alexander Chernev, Jagdish N. Sheth, G.Shainesh, Marketing Management, 16th edition, Pearson, 2022
- 2. R S N Pillai, Marketing Management, S Chand, 2010
- 3. Porter M.E., Competitive Advantage: Creating, Sustaining Superior Performance, Publisher: Free Press, 2012

REFERENCE

1. Rajan Saxena, Marketing Management, Publisher: Tata McGraw Hill, 2013



PROGRAM		hipping and Logistics manag	ement		_							
Course Code :	Course	Name :	L	Т	P	С						
CDOEMB105D	ACCOUNTING AND											
	FINAN	FINANCIAL MANAGEMENT220										
Year and Semester	I (I Sem	I (I Semester)										
Course category	Core	lore										
Course Objective	 To kr To p capital To le 	 To gain the basic concepts of financial accounting To know the process of cost analysis To provide in-depth knowledge about financing and investment decisions and cost capital To learn the importance of working capital management To learn the recent trends in accounting and financial management. 										
Course Outcome	On successful completion of the course, the students will be able to											
	СО	· · · · · · · · · · · · · · · · · · ·										
	CO1	Identify the appropriate Fin situation	nancial accou	nting concept	for the busines	⁸ K3						
	CO2	Identify and examine the cost	accounting co	ncepts		K3						
	CO3	Explain the importance of finance and capital budgeting and cost of capital										
	CO4 Examine the requirements of working capital management											
	CO5	Explain the recent trends in ad	counting and	financial manag	gement	K2						
	CO6 Apply the ways and means of managing the financial resource for an K3											

POs/ COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	-	-	-	-	-	2
CO2	2	-	-	-	-	-	-	2
CO3	2	2	-	-	-	-	-	2
CO4	2	2	-	-	-	-	-	2
CO5	2	2	-	-	-	-	2	2
CO6	3	2	-	-	-	-	2	3
Average	2.3	2.0	-	-	-	-	2.0	2.2
Correlation Levels		1. Slight	(Low)	2. Moder (Medium)		3.Substantial (High)		



UNIT 1: FINANCIAL ACCOUNTING

Introduction to financial accounting – Objectives- Functions – Golden rules of Accounting, Generally accepted accounting principles and Conventions – Accounting process – journal, ledger, trial balance and Final accounts of sole proprietorships firms – Users of accounting information.

UNIT 2: COST ACCOUNTING AND MANAGEMENT

Cost sheets, classification of costs, types of costing methods, differences between cost accounting and management accounting – Ratio analysis - Marginal costing including decision making- Budgetary Control and Standard costing system.

UNIT 3: CAPITAL STRUCTURE AND COST OF CAPITAL

Meaning and Importance of Capital Structure, Patterns of capital structure, Factors determining capital structure. Meaning, Definition- Importance of Cost of Capital, Components of Cost of Capital, Factors determining Cost of Capital-Computation of cost of capital- Determination of Weighted average cost of capital

UNIT-4: INVESTMENT DECISIONS

Concept of Time Value of Money – Importance of Capital budgeting – Features of Capital budgeting - Techniques - Non DCF methods -Payback Period, ARR Methods. DCF-NPV, IRR, PI and discounted payback period, Conflict of ranking as given by DCF Methods.

UNIT-5: WORKING CAPITAL MANAGEMENT

Definition - Management of Working Capital, Concepts, Types, Determinants and need of Working Capital. Computation of Working Capital for a Company. Sources of working capital, Estimating working capital requirements

TEXTBOOK

- 1. S.N.Maheswari, "Financial and Management Accounting", Sultan Chand & Sons, 2003.
- 2. P. Jain & Narang, Financial Accounting, Kalyani Publishers, New Delhi, 2016, 25th Edition.
- 3. MY Khan and Jain and PK Jain, Financial Management, McGraw Hill, 2014, 7th Edition

REFERENCES

- 1. S.P. Iyengar, Cost and Management Accounting, Sultan Chand & Co,
- 2. I.M.Pandey, Financial Management, Vikas Publishing House, 2021, 12th Edition.
- 3. Prasanna Chandra, Financial Management : Theory and Practice. Mc Graw Hill, 2022, 11th Edition.`



PROGRAM	MBA-S	hipping and Logistics managemen	nt			
Course Code :	Course	Name :	L	Т	Р	С
CDOEMB106D	DATA	ANALYSIS	2	2	0	4
Year and Semester	I (I Sem	lester)				
Course category	Core					
Course Objective	2. To u 3. To u 4. To l	earn the concept of probability inderstand the methods of average inderstand the concepts of correla know the need and importance of c inderstand the methods of time set	tion and regreated to a second seco			
Course Outcome		essful completion of the course, the		ll be able to	Γ	
	CO		Outcome		BTI	_
	CO1	Identify the concept of probability			K3	
	CO2	Examine the methods of averages	and dispersions		K4	
	CO3	Explain the concepts of correlation	and regression	ı analysis	K2	
	CO4	Explain the concepts of data analy	sis		K2	
	CO5	Explain the components of time se	ries analysis		K2	
	CO6	Apply the methods of data analysi	S		К3	

POs/ COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
C01	3	2	-	-	-	-	-	2
CO2	2	-	-	-	-	-	-	2
CO3	2	2	-	-	-	-	-	2
CO4	2	2	-	-	-	-	-	2
C05	2	2	-	-	-	-	2	2
CO6	3	2	-	-	-	-	2	3
Average	2.3	2.0	-	-	-	-	2.0	2.2
Correlation Levels		1. Slight	(Low)	2. Moder (Medium)		3.Substantial (High)		



UNIT-1: PROBABILITY

Random experiment, outcome, trial and event, Exhaustive events, favourable events, Independent events, sample space, definition of probability, addition theorem of probability, conditional probability, independent events, Mutually and pair wise independent events, multiplication theorem of probability for independent events, Baye's theorem.

UNIT-2: MEASURES OF AVERAGES AND DISPERSIONS

Types of Data, Diagrammatic representation of data, Measures of central tendency and dispersion such as Mean, Median, Mode, Range, Interquartile range (IQR), Standard deviation, Mean Deviation, Coefficient of variation. Use of Statistical Packages such as SPSS.

UNIT-3: CORRELATION AND REGRESSION ANALYSIS

Karl Pearson's coefficient of correlation, Rank correlation, Repeated ranks, Spears man's rank correlation, Regression analysis, Regression coefficient, Regression equations Y on X and X on Y

UNIT-4: DATA ANALYTICS

Preliminary Steps - Building a Predictive Model - Data Exploration - Data Visualization - Dimension Reduction - - Converting a Categorical Variable to a Numerical Variable, Predictive Analytics, Types of data mining problems. The process of data mining. Statistical evaluation of big data, Data reduction, Neural networks.

UNIT-5: TIME SERIES ANALYSIS

Objectives of Time series analysis; Components of Time Series analysis; Trend analysis by using Semi averages method, Moving averages method and Straight line method, Autoregressive-moving average models (ARMA).

TEXT BOOKS :

- 1. Richard Levin, David Rubin, Statistics for Management, Publisher: Pearson, 2018
- 2. Peter Bruce, Andrew Bruce, Peter Gedeck, Practical Statistics for Data Scientists, Publisher: Oreilley Media, 2017
- 3. Maheshwari, Data Analytics, Publisher: McGraw Hill, 2019

REFERENCE

4. Foster Provost, Tom Fawcett, Data Science for Business, Publisher, 2013



MBA SYLLABUS – 2023-24

MBA – Shipping and Logistics Management

PROGRAM	MBA-S	shipping and	d Logistics 1	Management	-					
Course Code :		Name :				L	Т	Р	С	
CDOEMB107	D COMN	IUNICATI	ION FOR M	ANAGER	S	3	0	0	3	
Year and Semester	I (I Sen	nester)								
Course catego	ry Core									
Course Objectiv	2. 3. 4. 5.	 To know the different types of communications To understand the importance of non-verbal communication To learn the importance of presentation skills 								
	CO CO1 CO2 CO3 CO4 CO5	CO Course Outcome CO1 Identify the importance of managerial communication CO2 Explain the types of communication CO3 Examine the role of non-verbal communication CO4 Examine the importance of presentation skills								
POs/	CO6			es of commur				K3		
COs	PO1	PO2	PO3	PO4	PO5	PO6	P07	PC		
CO1	2	-	2	2	2	3	-	3	3	
CO2	3	-	3	2	2	2	-	2	2	
CO3	2	-	2	3	3	3	-	3	3	
CO4	3	-	3	2	2	2	-	2	2	
CO5	2	-	2	3	2	3	-		3	
CO6	3	- 3 2 3 2 -							2	
Average	2.5	- 2.5 2.3 2.3 2.5 -						2	.5	
Correlation L	Levels	1. Sligh	nt (Low)		derate dium)	3.Subs	stantial (H	High)		



UNIT-1: INTRODUCTION TO MANAGERIAL COMMUNICATION

Basic principles of effective communication – Role of communication - Process of communication - Importance of Corporate & Business communication, Cross Cultural Dimensions of Business Communication.

UNIT-2: TYPES OF COMMUNICATION

Listening: Importance of listening, - Verbal Communication: Types of Verbal Communication. Downward upward and lateral - formal and informal communication - cross communication & grapevine. Speaking: Art of Public Speaking. Written Communication: Principles of Effective Written Communication - types of report writing - contents of business letters - Email etiquette.

UNIT-3: NON VERBAL COMMUNICATION AND MEETINGS

Mastering team & interpersonal communication, Recognizing differences between groups and teams, Social networking technologies in business communication, business etiquette & nonverbal communication. Organizing and preparing for meetings, agenda, resolutions & minutes - Career management.

UNIT-4: PRESENTATION SKILLS

Presentation Skills: Presentation definition, Elements of presentation, Designing a presentation, Advanced visual support for business presentation, Types of visual aids, Appearance & Posture, Practicing delivery of presentation. Introduction to Group Discussion— Participating in group discussions – brainstorming the topic – questioning and clarifying – GD strategies- activities to improve GD skills

UNIT-5: EMPLOYMENT SKILLS

Employment Messages - Writing Cover letter and resume, Applying for job - Role Play, Exemplify employeremployee/interviewer. Conflict settlement, Culturally sensitive issues. Interview etiquette – dress code – body language – attending job interviews– telephone/skype interview -one to one interview &panel interview.

TEXT BOOKS :

- 1. R.K Madhukar, Business Communication, Publisher: Vikas Publishing House, 2021
- 2. M.K.Sehal., VandanaSkehtarpal, Business Communication, Publisher: Excel Books, 2020
- 3. Courtland L. Bovee's, Business Communication: Today, tenth edition, 2010

REFERENCE:

4. Business Communication, Raymond V. Lesikar, Publisher: Mcgraw Hill, 2013



PROGRAM	MBA-Sh	ipping a	and Logistics manage	ement						
Course Code :	Course N	lame :			L	Т	Р	С		
CDOEMBE01D	COMPU		APPLICATIONS	FOR	_					
	BUSINE				3	0	0	3		
Year and	I (I Seme	ester)								
Semester										
Course category	Elective									
Course Objective	1. Tou	ındersta	and the need for infor	mation sys	tems					
-	2. To l									
	3. To k	know the	e fundamentals of big	g data analy	ytics					
	4. To u	ındersta	and the importance of	ecommerc	erce to business					
			Vord document & wo				ns.			
Course Outcome	On succe	essful co	ompletion of the cour	se, the stud	dents will	be able to				
	CO			Course Out	come			BTL		
	CO1	Identif	fy the basic concepts of	information	n systems			K3		
	CO2	Exami	ine the tools of database	e used in de	cision-mak	ing		K4		
	CO3	Explai	in the concept of big da	ta analytics				K2		
	CO4	Identif	fy the applications of e-	commerce i	in business			K3		
	CO5		in the use of spreadshee					K2		
	CO6	Apply	various computer appl	ications for	business d	ecisions		K3		

POs/ COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	-	-	-	-	3	2
CO2	3	2	-	-	2	-	3	2
CO3	3	2	-	-	2	-	3	3
CO4	3	3	-	-	3	3	3	3
CO5	3	3	-	-	2	-	3	3
CO6	3	3	-	-	3	3	3	3
Average	3.0	2.5	-	-	2.4	3.0	3.0	2.7
Correlation	Levels	1. Sligh	t (Low)		oderate lium)	3.Substantial (High)		



UNIT-1: INTRODUCTION TO INFORMATION SYSTEM

MIS - System Approach - system view of Business, MIS organization within the Company. Data, information -types of information–Categories of Information System- Designing of MIS– Decision Support System (DSS) –DSS Characteristics – DSS VS MIS - Components of Expert System - DSS Vs Expert System

UNIT-2: DATA PROCESSING AND DATABASE SYSTEM

Data processing, Data processing Cycle, Data Hierarchy- Data processing Application in Business - Methods of data processing : Batch processing- online processing – Real-time processing – Distributed processing –File processing VS Database processing, Objectives of DBMS, Database Technical Overview, Purpose of DBMS – Types of Users

UNIT-3: CONCEPTS OF BIG DATA ANALYTICS

Introduction to Big Data: Types of Digital Data, Introduction to Big Data, Characteristics of Big Data-Big Data Analytics, Advantages of Bigdata- DBMS, Relational Databases & SQL, Data Cleansing and Preparation and Applications of Bigdata

UNIT-4: IMPACT OF INFORMATION TECHNOLOGY IN SHIPPING AND LOGISTICS

Introduction – Big Data and its concepts - Bar Coding and Scanner -SKU DIM –RFID-Case ID Capture- Route Optimization-GPS Tracking (Track & Trace)- Last mail Delivery Tracking on Mobility- Customer Relationship Management-Warehouse Management System- Enterprise Resource Planning-Transportation Management Systems

UNIT-5: MS-WORD & SPREADSHEET APPLICATION

Using Smart art, mail merge, track changes, review comments, insertion of drawing tools, shapes and mathematical symbols.

Spreadsheet concepts; Creating a work book, saving a work book, editing a work book, inserting, deleting work sheets, entering data in a cell, formula Copying, Moving data from selected cells, Handling operators in formulae: Inserting Charts- LINE, PIE, BAR, Mathematical Functions-ROUND ALL, SUM, SUMIF, COUNT, COUNTIF ; Statistical – AVERAGE, MAX, MIN, STDEV, FREQUENCY, INTERCEPT, SLOPE.; Logical - IF, AND, OR- Practical Applications

TEXTBOOK:

- 1. FaitheWempen "Computing Fundamentals: Introduction to Computers", Wiley Publications, 2010
- 2. Dr. R. Parameshwaran"Computer Application for Business", S Chand Publications. 2013

REFERENCE BOOK:

3. Robert G. Murdick, Joel E. Ross and James R. Claggett, "Information System for Modern Management", Third Edition, by, PHI.2013



PROGRAM	MBA-SI	hipping and Logistics management				
Course Code :	Course l	Name :	L	Т	Р	C
CDOEMBE02D	CROSS	-CULTRUAL MANAGEMENT	3	0	0	3
Year and Semester	I (I Sem	ester)				
Course category	Elective					
Course Objective	2. 3. 4.	To prepare learners to learn the Orgar To know the concepts of Culture and To understand the importance of Cross To learn the concepts of Global Huma To identify the various Corporate Cul	Global Mana ss Cultural M an Resource	agement Ianagemer		
Course Outcome	On succ	essful completion of the course, the st	udents will b	be able to		
	CO	Course Outco	ome		B	ГL
	CO1	Identify the importance of Organisation	al Culture		k	3
	CO2	Explain the concepts of Culture and Glo	bal Managen	nent	ŀ	K2
	CO3	Examine the role of Cross Cultural Mar	agement		ŀ	K 4
	CO4	Examine the importance of Global Hum	han Resource	Manageme	nt k	32
	CO5	Determine the skills required to learn th	e Corporate C	Culture	k	32
	CO6	Apply the different concepts of Cross-C	Cultural Mana	gement	k	3

POs/ COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	-	2	2	2	3	-	3
CO2	3	-	3	2	2	2	-	2
CO3	2	-	2	3	3	3	-	3
CO4	3	-	3	2	2	2	-	2
CO5	2	-	2	3	2	3	-	3
CO6	3	-	3	2	3	2	-	2
Average	2.5	-	2.5	2.3	2.3	2.5	-	2.5
Correlation	Levels	1. Slig	ht (Low)		derate lium)	3.Substantial (High)		gh)



UNIT-1: INTRODUCTION TO ORGANISATIONAL CULTURE

Introduction – Concept of Culture for a Business Context; Brief wrap up of organizational culture & its dimensions; Cultural Background of business stakeholders [managers, employees, shareholders, suppliers, customers, and others] – An Analytical framework

UNIT-2: CULTURE AND GLOBAL MANAGEMENT

Global Business Scenario and Role of CultureA Framework for Analysis; Elements & Processes of Communication across Cultures; Communication Strategy for/ of an Indian MNC and Foreign MNC & High-Performance Winning Teams and Cultures; Culture Implications for Team Building

UNIT-3: CROSS CULTURAL MANAGEMENT

Cros Culture – Negotiation & Decision Making – Process of Negotiation and Needed Skills & Knowledge Base – Overview with two illustrations from multicultural contexts [India – Europe/ India – US settings, for instance]; International and Global Business Operations- Strategy Formulation & Implementation; Aligning Strategy, Structure & Culture in an organizational Context.

UNIT-4: GLOBAL HRM

Global Human Resources Management – Staffing and Training for Global Operations – Expatriate – Developing a Global Management Cadre. Motivating and Leading; Developing the values and behaviors necessary to build high-performance organization personnel [individuals and teams included] – Retention strategies.

UNIT-5: CORPORATE CULTURE

Corporate Culture – The Nature of Organizational Cultures Diagnosing the As-Is Condition; Designing the Strategy for a Culture Change Building; Successful Implementation of Culture Change Phase; Measurement of ongoing Improvement.

TEXT BOOKS:

- 1. Marie-Joelle Browaeys and Roger Price: Understanding Cross-Cultural Management, Pearson, 2015.
- 2. David C.Thomas: Cross Cultural Management, 2/e, Sage Publications, 2014.
- 3. Nigel Holdon, Cross Cultural Management: Knowledge Management Perspective, Pentice Hall, 2012.

REFERENCE BOOKS:

- 4. Parissa Haghirian: Multinational and Cross-Cultural Management, Routledge, 2012.
- 5. Richard Mead: International Management-Cross cultural Dimension, 3/e, Blackwell, 2015.



MBA - Semester: 2



PROGRA	Μ	MBA-Sh	ipping and	Logistics	manageme	ent						
Course (Code :	Course N	<u> </u>	0	Ĭ	L	Т	Р		С		
CDOEM	B201D	CHART	ERING A	ND								
		COMM	ERCIAL									
		GEOGR	APHY			3	1	0		4		
Year and S	Semester	I (II Sem	ester)									
Course ca	ategory	Core										
Course Ob	ojective	1. To st	udy the bas	sics of char	rtering prin	nciples						
			blearn about freight market in chartering									
			learn the different types of charter party clauses understand the concepts of commercial geography									
			know the role and functions of commercial ports									
Course Out	tcome		successful completion of the course, the students will be able to									
			CO Course Outcome									
		CO1										
		CO2		hartering ma						K2 K3		
		CO3										
		CO4										
			CO5 Determine the role of commercial ports									
		CO6	Apply the	principles of	of charterin	g in shippi	ng			K3		
		1	1	1	1	1		1	1	-		
	POs/	DO1	DOA	DOA	DOA		DOC		DOG			
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8			
	CO1	_	_	2	2	2	2	-	3			
				_	_		-		-	-		
	CO2	2	-	1	2	1	3	-	3			
	CO3	2	-	-	3	-	1	-	2			
	CO4	3	-	3	2	3	3	3	3			
	CO5	-	-	-	3	-	2	-	2			
	CO6	2	-	2	3	2	3	-	3			
A	verage	2.3	-	2.0	2.5	2.0	2.3	3.0	2.7			
С	orrelatio	n Levels	1. Sligh	nt (Low)		derate lium)	3.Sul	ostantial (J	High)			



UNIT-1 : INTRODUCTION TO CHARTERING

Overview of Chartering and Ship Broking, Types of Chartering, Charterparties, Voyage chartering, Time chartering, Bareboat cum Demise chartering, Interpretation of fixtures, Various forms of charter parties, Worldscale, Voyage estimation, Steps in Voyage Estimation, Voyage Estimation Calculation (Numerical Exercises)

UNIT-2 : VOYAGE CHARTER PARTY

Contract of Affreightment, Vessel, Voyage, Cargo and freight, Loading and discharging, Lay time, Cesar and lien, Laytime Calculation (Numerical Exercises)

UNIT-3 : TIME CHARTER PARTY

Clauses of Time Charter, Delivery and redelivery, Hire and Off-hire. Bills of lading issued under charterparties.

UNIT-4 : COMMODITIES AND GEOGRAPHICAL

Minerals, Raw materials, Agricultural Commodities (Global and India), Sources and destinations of such commodities and their movements, Climate, winds-tides, currents and seasons of bad weather and their influence on shipping.

UNIT-5: COMMERCIAL

Major ocean routes - features and patterns of trade. World Maritime Atlas, Trade Lane Analysis, Port Infrastructure, Port Connectivity, Port Cluster, Mega Ports in East and West Coast of India.

TEXT BOOKS :

- 1. Lars Gorton, Ship Broking and Chartering Practice, Routledge Publisher 8thedition (2019),.
- 2. John F Wilson, Carriage of Goods by Sea, Pearson Publishers 4th edition (2020).

REFERENCE :

3. Professional Ship Management: Marketing and Strategy, Dr. Photis M. Panayides, Ashgate Publishing (2001).



PROGRAM	MBA-Sl	hipping and Logistics managemer	it						
Course Code :	Course l	Name :	L	Т	Р	С			
CDOEMB202D	LOGIS	FICS MANAGEMENT	3 1 0 4						
Year and Semester	I (II Sen	nester)		·					
Course category	Core								
Course Objective	To unde To unde To know To unde	the concept of probability rstand the methods of averages ar rstand the concept of data analytic v the need and importance of data rstand the methods of time series	cs mining analysis and in						
Course Outcome		On successful completion of the course, the students will be able to CO Course Outcomes							
	C01	Explain the concepts and fundamer	tals of logistics			BTL K2			
	CO2	Examine the process of logistics ma	anagement			K4			
	CO3	Analyse the different types of logis	tics strategy			K4			
	CO4	Identify the role and functions of lo	gistics service	providers		K3			
	CO5	Identify the recent trends in logistic	es management.			K3			
	CO6	Apply the concepts of logistics man	nagement in ma	naging compan	ies	K3			

Correlation Levels		1. Slight	(Low)	2. Moder (Medium)		3.Substantial (High)		
Average	2.3	2.0	-	-	-	-	2.0	2.2
CO6	3	2	-	-	-	-	2	3
CO5	2	2	-	-	-	-	2	2
CO4	2	2	-	-	-	-	-	2
CO3	2	2	-	-	-	-	-	2
CO2	2	-	-	-	-	-	-	2
CO1	3	2	-	-	-	-	-	2
POs/ Cos	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8



UNIT 1: OVERVIEW OF LOGISTICS

Concpet of Logistics – Definition, Types of Principles, Role and functions of Logistics in a firm, Activities of Logistics, Logistics Forms

UNIT 2: LOGISTICS MANAGEMENT

Definition, Conceputal Framework, Specific concepts, Scope and importance of Logistics Management, Strategic role of Logistics, Types of strategies.

UNIT 3: TRANSPORTATION AND WAREHOUSING

Eefficient transportation systems. Transportation- Meaning; Types of Transportations, a) Warehouse: Warehouse- Meaning, Types of Warehouses Benefits of Warehousing. Warehousing principles and equipment.

UNIT 4: OUTSOURCING LOGISTICS

Meaning, Reasons, Types of LSPs, Services rendered by Third party logistics provider (3PL), Fourth party, Logistics providers (4PL).

UNIT 5 : RECENT TRENDS IN LOGISTICS MANAGEMENT

Quality Customer Service and Integrated Logistics: Customer service, Emerging concept in logistics.

TEXT BOOKS :

- 1. D.K. Agrawal, Text book of Logistics and Supply Chain Management, Macmillan India Limited, 2009
- 2. Raghuram, G, Logistics and Supply Chain Management: Cases and Concepts, Macmillan Publisher, 2004

REFFERENCES :

- 1. Donald Bowersox, David Closs, M. Bixby Cooper, Supply Chain Logistics Management, Tata Mcgraw Hill Education, 2006.
- 2. Pierre David, Biztantra, International Logistics, 2003.



PROGRAM	MBA-S	hipping and	Logistics m	nanagemen	t			
Course Code :	Course l	Name :			L	Т	Р	С
CDOEMB203D	LINER	SHIPPING	BUSINES	S	3	1	0	4
Year and Semester	r I (II Sen	nester)				•	·	
Course category	Core							
Course Objective	1. To l e	earn princip	les of liner t	rade				
					g organizatio			
					ion and inte	rmodal tran	sport.	
		now the iss				<i>i</i> 1		
Course Outcome		inderstand the ssful comp	0					
Course Outcome	CO	essiui comp		Course Out				TL
	C01	Explain the	characteristi					K2
						sed liner shi		<u>K4</u>
	CO2 Assess the organisation structure of a containerised liner shipping company					PP8 -		
	CO3	Identify th	ne importan	ce of con	ntainerisation	and interr	nodal I	K3
		transport			h			<u>K4</u>
	CO4		e issues relat		hipping busin	ness		K4 K2
	CO5	-			related to line	ar trada		K2 K3
	CO6	Apply the t	concepts and	procedures			1	X 3
POs/								
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
	101	101	100	101	100	100	107	100
CO1	2						2	2
	2	-	-	-	-	-	2	2
CO2	2	-	3	3	3	3	3	3
CO3	3							2
	,		-	_		-	_	2
CO4	2	-	-	2	-	-	2	3
CO5	3	_					3	2
003		-	-	-	-	-	5	
CO6	3	-	3	3	2	2	2	3
Average	2.5	2.5 - 3.0 2.7		2.7	2.5	2.5	2.4	2.5
Correlati	on Levels	1. Slig	ht (Low)		oderate dium)	3.Su	bstantial (l	High)



UNIT-1: LINER TRADES PRINCIPLES

Characteristics of liner services, Types of Liner Services Liner trade routes in the world, Liner service options, RTW, pendulum, hub and spoke and end-to-end, Liner Alliances, feeders/coastal services, services for specific commodities, types of liner businesses.

UNIT-2: LINER SHIPPING ORGANIZATION

Management structure and functional activities of Liner Shipping Organisation (including technical, operations, sales/marketing and commercial functions), Forms of agreement used between liner operators and independent agencies, FONASBA Standard Liner and General Agency Agreement, Functions of Liner Agency, Organization structure of a Liner Agency.

UNIT-3: CONTAINERISATION AND INTERMODAL TRANSPORT

Concept of Containerisation, Characteristics, dimensions and purpose of different container types, Terminology of Containersation such as FCL, LCL, House to House, Port to Port. Principles of Container Management, Role of CFS, ICD, Role of Intermodal Transport, Feeder services, Inland haulage (road, rail and barge), carrier / merchant haulage. Container leasing – Types of Leasing, Costs of Leasing, Container imbalance analysis

UNIT-4: BUSINESS ISSUES IN THE LINER TRADES

Main operators in the liner trades and their ownership, Main drivers of demand in the liner trades, Global liner vessel fleet, Importance of the balance of supply and demand, Vessel fleet planning, Service Networks including owning/chartering, new building, Non-Operating Owners of Container ships, cascading effect. Costs involved in running a liner business, fixed and variable costs.

UNIT-5: DOCUMENTATION IN LINER TRADES

Bill of Lading, Functions of Liner Bill of Lading, Types of Bill of Lading, Electronic B/L, Seaway Bill, Export & Import General Manifest, Mate Receipt, Commercial Invoice, Consular Invoice, Dock receipt and Warehouse receipt, Letter of Credit / Sales contract.

TEXT BOOKS :

- 1. Marc Levinson, The Box, How the Shipping Container Made the World Smaller and the World Economy Bigger Princeton University Press, 2006.
- 2. Abrahamsson.B.J., International Ocean Shipping: Current concepts and Principles, Publisher: Westview Press, 2001
- 3. Gilman, S., The competitive dynamics of Container Shipping, Publisher: Gower Publishing CompanyWorld, 2000



PROGRAM	MBA-SI	hipping and L	ogistics man	agement							
Course Code :	Course l	Name :			L	Т	Р	C			
CDOEMB204D	PORT O	OPERATION	NS AND								
	PRICIN	١G			3 1 0						
Year and Semester	I (II Sen	mester)									
Course category	Core										
Course Objective	1.	To learn the importance of port structure									
-	2.	To understand the port performance indicators									
	3.	To understand the port pricing mechanism									
		5. To understand the port disbursement accounts									
Course Outcome	On succ	essful comple	tion of the c			be able to					
	CO			Course O				BTL			
	CO1	Explain por	t structure and	l their functio	ns.			K2			
	CO2		e performance		1			K4			
	CO3		different port					K3			
	CO4	Determine t	he cost and re	venue aspect	s of port ser	vices.		K4			
	CO5	Examine the	e port disburse	ement accoun	ts			K4			
	CO6	Apply strate	gies for port o	operations an	d pricing.			K3			
POs/	Det			DOA		DOG		Dee			
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8			

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	-	2	-	2	2	2	3
CO2	2	-	-	-	-	-	2	2
CO3	3	-	-	-	-	-	3	3
CO4	2	-	-	-	-	-	2	2
CO5	3	-	-	-	-	-	3	3
CO6	3	-	3	-	3	3	3	2
Average	2.5	-	2.5	-	2.5	2.5	2.5	2.5
Correlatio	n Levels	1. Sligh	nt (Low)		oderate lium)	3.Su	bstantial (I	High)



UNIT-1: PORTS STRUCTURE AND FUNCTIONS

Types and layout of the Ports – Locational characteristics - Economic impact of ports - Port ownership models – Landlord, service and tool ports. Port administration in India – major and non-major ports, Role of State Maritime Boards in India. Organizations concerning ports - Boards governing ports.

UNIT-2: PORT OPERATIONS AND PERFORMANCE INDICATORS

Organization Structure of Ports - Services rendered by ports -marine services-terminal services-repair services-estate management services-information management services-general logistics services-value added services-performance indicators, Components of Business plan of ports.

UNIT-3: PRICING SYSTEMS

Objectives of port pricing - Constraints in port pricing - Various pricing Systems applied in ports- Basis for assessing port charges - Port dues and Specific port tariffs- - establishing a port tariff structure. Guidelines for the application and presentation of new port charges. Requirement of a sound pricing structure from the users' point of view – case studies. Requirement of a good pricing system from the supplier's point of view. Volume discount Schemes.

UNIT-4: PORT COST AND MARKETING OF PORT SERVICES

Nature of the cost -The generation of costs at a port - Port charges on the cargo - Port charges on shiptransport costs and prices of products - The calculation and analysis of costs- The allocation of costs. The flow of port users' benefits -Secondary users' benefits- Cargo owners' benefit- The revenue flow – Concept of Total logistics cost. The demand for port services and facilities – marketing of port services-strategies – case studiesidentifying stakeholders – identifying customer needs-handling competition and adding value.

UNIT-5: PORT DISBURSEMENT

Disbursement Accounts, Proforma Disbursement Account (PDA), Final Disbursement Account (FDA), Proforma Marine Disbursement Calculation (Numerical Exercises)

TEXT BOOKS :

- 1. Hercules E. Haralambides, Port Management Edited by Published by PALGRAVE MACMILLAN, 2015
- 2. Patrick Alderton, Port Management and Operations, Publisher: Llyod's of London Press
- 3. Peter Brodie, Commercial Shipping Handbook, Publisher: Lloyd's of London Press

REFERENCE :

- 1. Dr. Z. Ozcayir, Port State control, Publisher: Informa Legal Publishing UK, 1999
- 2. Neresian.R Ships & Shipping : A comprehensive guide –(Pennwell Corp Feb 1981)
- 3. Alan Branch, Elements of shipping, Publisher: Sterling/ Routledge, 2009



PROGRAM	MBA-Sh	pping and l	Logistics ma	anagement								
Course Code :	Course N	lame :			L	Т	Р		С			
CDOEMB205D	RESEAR	СН МЕТНО	DOLOGY		3	1	0		4			
Year and Semester	I (II Sem	ester)										
Course category	Core											
Course Objective	1. To u	nderstand t	he concepts	s of Researd	ch							
-	2. To ki	know the need and role of research design										
	3. To le	b learn sampling techniques and measurement										
	4. To ki	'o know the data collection techniques and analysis tools										
	5. To le	arn about r	eport prepa	aration								
Course Outcome	On succe	essful comp	letion of the	e course, th	e students	will be able	e to					
	CO			Cou	rse Outcom	ie			BTL			
	C01		ie basic conc						K2			
	CO2		e the process		<u> </u>				K5			
	C03					ement techn			K4			
	C04	6			P P	sis technique			K3			
	C05					report prepa	ration		K2			
	C06	Apply the	concepts of	research and	i prepare tr	ie reports.			К3			
									_			
POs/ COs	P01	PO2	PO3	P04	PO5	P06	P07	P08				
LUS	PUI	PU2	P03	r04	P05	PUO	PU/	P08				

LUS	PUI	P02	P03	P04	P05	PUO	P07	PUO	
C01	-	3	-	-	-	2	2	3	
CO2	-	2	-	-	-	2	-	3	
CO3	2	2	-	-	-	2	2	3	
CO4	2	3	-	-	-	2	-	3	
CO5	2	3	-	3	-	3	2	3	
CO6	2	3	-	3	-	3	2	3	
Average	2.0	2.7	-	3.0	-	2.3	2.0	3.0	
Correlatio	Correlation Levels		1. Slight (Low)		2. Moderate (Medium)		3.Substantial (High)		



UNIT 1: INTRODUCTION TO RESEARCH

Meaning-Definition- Need- Importance- Objectives- Characteristics- Types of Research - Research Methods and Research Methodology- Ethics in Research- Research Process- Criteria of Good Research - Problems Encountered by Researchers in India

UNIT 2: RESEARCH PROBLEMS AND RESEARCH DESIGN

Research Problem - Technique Involved in Defining a Problem – Meaning of research design - Need – Features – Types - Important concepts relating to research design - Development of hypothesis

UNIT 3: SAMPLING AND MEASUREMENT

Random Sampling Methods and Non-Random Sampling Methods, Concept of measurement, Validity and Reliability, Levels of measurement - Nominal, Ordinal, Interval, Ratio. Attitude Scaling Techniques: Concept of Scale – Rating Scales viz. Likert Scales, Semantic Differential Scales, Constant Sum Scales, Graphic Rating Scales – Ranking Scales – Paired Comparison & Forced Ranking.

UNIT 4 : DATA COLLECTION AND ANALYSIS

Data: Types of Data- Data Collection tools and Techniques. Questionnaire: Questionnaire Construction - Personal Interviews, Telephonic survey Interviewing, Online questionnaire tools - Pre-Test, Data preparation, Parametric Testing - Z test - t-test; Chi square test - ANOVA - and Non-Parametric Tests - Mann Whitney U Test. Sign Test, Wilcoxon Signed-Rank Test. Kruskal Wallis Test - Procedure for testing hypothesis (Numerical Exercise).

UNIT 5: INTERPRETATION AND REPORT WRITING

Meaning of interpretation – Why Interpretation - technique of interpretation - significance of report writing- different steps in writing report - Layout of Research report - types of reports- mechanics of writing a research report - precautions for writing research reports. Plagiarism – Significance – Types – Simple Problem solving using SPSS.

NOTE: THE QUESTION PAPER SHALL COVER 70% THEORY AND 30% PROBLEMS

TEXT BOOKS :

- 1. C.R.Kothari, Research Methodology: Methods and Techniques, New Age International (P) Ltd, 2004, Second edition.
- 2. R.Paneerselvam ,Research Methodology, Publisher: Prentice Hall of India, 2014, Second edition,
- 3. Uma Sekaran & Roger Bougie, John Wiley & Sons, Research Methods For Business: A Skill Building Approach, Wiley, 2006, Seventh Edition.

REFERENCE :.

4. Emma Bell, Bill Harley, and Alan Bryman, Business Research Methods, , Oxford university press, Sixth Edition, 2022



PROGRAM	MBA-Sh	nipping an	d Logistics	s manage	ment						
Course Code :		Name :			L	Т	Р	С			
CDOEMB206D	INTER	NATIONA	AL BUSIN	IESS	3	1	0	4			
Year and Semester	I (II Ser	mester)									
Course category	Core										
Course Objective					0	e of internat	ional busi	iness			
		To underst									
		To study th									
		To underst			onal trade environment						
Course Outcome						students w	ill be abl	e to			
Course Outcome			Course Ou		iise, iiie	students w			BTL		
					on, grow	th & develor	oment of	International	K2		
	CO1	CO1 To know the History, evolution, growth & development of International Business.									
	CO2		the importa			-			K4		
	CO3										
	CO4										
	CO5	CO5 Examine the ethics involved in IB									
	CO6	CO6 Students will be able to have an awareness of the foundations of the trade, the opportunities and challenges from an Indian perspective									
POs/ COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8			
CO1	2	3	-	2	-	3	2	3			
CO2	2	3	-	3	-	3	2	3			
CO3	3	3	-	2	-	2	3	2			
CO4	3	3	3	3	-	3	2	3			
CO5	2	2	3	3	-	2	3	3			
CO6	3	3	2	3	-	2	3	3			
Average	2.5	2.8	2.7	2.7	-	2.5	2.5	2.8			
Correlati Levels	on	1. Sligh	nt (Low)	2. Mo (Media		3.Subs	stantial ((High)			



UNIT 1 - INTRODUCTION TO INTERNATIONAL BUSINESS

Concept of International Business, Difference between domestic and International Business, Nature and Importance of International business Introduction to International Business Environment. – Nature, Modes of entry in International Business, Theories of International Trade., Balance of Payments.

UNIT 2 - GLOBALIZATION PROCESS AND FORCES

Globalization: An Overview – Introduction to Global Marketing ,nature and importance Process of international marketing and transition from domestic to transnational marketing International Investment, Technology Transfer.

UNIT 3 - WORLD TRADING SYSTEM & INSTITUTIONS

World Trade Organization –Basic principles and frame work, IMF, World Bank , International Commodity Agreements Multilateral Financial institutions

UNIT 4 - LEGAL ENVIRONMENT

EXIM policy :Legal Framework, objective of EXIM FEMA –Origin and objective, framework of FEMA, Consumer Law , Settlement of International Trade Disputes.

UNIT 5 - CONTEMPORARY DEVELOPMENTS AND ISSUES

International Trade and Environment , International Business Ethics Electronic Commerce , Instruments of Trade Policy

TEXTBOOKS:

- 1. Sumati Varma. International Business (1st edi), Pearson. (2013).
- 2. Charles Hill. International Business: Text & Cases, Tata McGraw Hill, New Delhi. (2011).

REFERENCE:

1. Warren J. Keegan. Global Marketing Management (9th edi), Prentice Hall of India, New Delhi. (2010).



PROGRAM	MBA-S	shipping and	l Logistics m	anagement						
Course Code :	Course	Name :			L	Т	Р	C		
CDOEMBE03	D INTER	NATIONAL	HRM		3	0	0	3		
Year and Semest	er I (II Ser	mester)								
Course categor	y Elective	е								
Course Objective	2. 3. 4. 5.	To understat To study the To learn abo managemen To study the	but the human nd about the c challenges ir but the training t. different per letion of the c	hange manag n internationa g and develop formance app	gement l human resou pment procedu praisal techniq	urce managen ures of Interna uues in Interna	nent ational Huma			
	СО	_		Course	e Outcome			BTL		
		CO1 Identify the concepts and models of International HRM								
		CO2 Identify the relevance and importance of HRM in Internationalization of Firms.								
	CO3									
	CO4	Ĩ								
	CO5									
	CO6	Apply I HRM concepts in International Business decisions								
POs/ COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8		
CO1	2	-	-	-	-	-	-	2		
CO2	2	-	2	2	2	2	3	3		
CO3	3	-	3	2	3	2	3	3		
CO4	3	-	3	2	2	2	2	2		
CO5)5 2 - 2 3 2 2 2					3				
CO6	3	-	3	3	2	2 3 3				
Average	2.5	-	2.6	2.4	2.2	2.0	2.6	2.7		
Correlation	1 Slig	ht (Low)	2. Me	ligh)						



UNIT-1: INTRODUCTION TO IHRM

Definition, The drivers of internationalization of business. The different setting of International Human Resource Management. Development of IHRM. Difference between IHRM and Domestic HRM, Business strategies, IHRM Strategies, SIHRM. Barriers in effective global HRM. Socio-cultural context, Organizational dynamics and IHRM: Role of culture in International HRM, Country and Regional Cultures, Culture and employee management issues/ impact of Country culture on IHRM.

UNIT 2: STRATEGIES FOR INTERNATIONAL GROWTH

Exploiting global integration-The logic of global integration, differentiation, Mastering expatriation, beyond the traditional expatriate model, the limits of global integration. Becoming locally responsive: The roots of responsiveness, understanding diversity, responding to diversity, and the challenges of localization. Managing alliances and joint ventures - IHRM and International Alliances, IHRM and International Joint Ventures.

UNIT-3: INTERNATIONAL WORKFORCE PLANNING AND STAFFING

International labour market International Recruitment function; head-hunters, cross-national advertising, erecruitment; International staffing choice, different approaches to multinational staffing decisions, Types of international assignments, Selection criteria, and techniques, use of selection tests, interviews for international selection, international staffing issues, Successful expatriation, role of an expatriate, female expatriation, repatriation, re-entry and career issues.

UNIT-4: PERFORMANCE MANAGEMENT

Designing and Implementing Brand Strategies: Brand Architecture, Brand Stature/ Brand Strength, Managing Brand Portfolios, Brand Hierarchy Decisions; Brand Extensions; Managing Brands Over Time: Life Stages of a Brand, Brand Extensions, Brand Reinforcement Strategies; Managing Brands over Geography Global Branding, Global Brand Strategy.

UNIT-5: INTERNATIONAL COMPENSATION AND INTERNATIONAL EMPLOYMENT LAWS

International compensation and international assignees, Forms of compensation, key components of international compensation, Approaches to international compensation, compensation practices across the countries, emerging issues in compensation management. Establishment of labour standards by International Institutions, The global legal and regulatory context of MNE, The International framework of Ethics and Labour standards, Key issues in International Industrial Relations, Trade Unions and MNE's, Response of Trade Unions to MNE's, Non-Union worker representation.

TEXTBOOKS:

1. P. L. Rao, International Human Resource Management – Text and Cases Excel Books International Human Resource Management, Tony Edwards, Pearson Education, 2008

REFERENCE BOOKS:

- 2. Global Human Growth Model, M.N Rudrabasavaraj, Himalaya, 2007
- 3. International Human Resource Management, Monir Tayeb, Oxford, 2001



PROGRAM	MBA-Ship	ping and L	ogistics ma	nagement									
Course Code :	Course Na				L	Т		Р	С				
CDOEMBE04D	AIR CAR	GO MANA	GEMENT	[3	0		0	3				
Year and Semester	I (II Semes	ster)											
Course category	Elective												
Course Objective		gain the ba											
		how the w											
		\mathcal{O}											
Course Outrans		5. To learn the different air freight procedures followed in India											
Course Outcome		n successful completion of the course, the students will be able to											
	CO Course Outcome												
	CO1 Identify the basic concepts of air cargo management												
	CO2Examine the ways of handling cargoes in airportsCO3Explain the functions of airline marketing												
		dentify the r							K2 K3				
		CO5 Examine the different air freight procedures followed in India											
	CO6 Apply the knowledge of air cargo management												
POs/													
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8					
CO1	2	-	-	-	-	-	2	3					
CO2	2	-	-	-	-	-	3	3					
CO3	2	-	2	-	2	3	2	3					
CO4	2	-	-	-	-	-	2	3					
CO5	2	2	3	-	2	2	3	3					
CO6	3	3	2	-	2	3	3	3					
Average	2.2	2.5	2.3	-	2.0	2.7	2.5	3					
Correlatio	n Levels	1. Slight	(Low)	2. Moder (Medium		3.Substa	ntial (High	l)					



UNIT-1: INTRODUCTION TO AIR CARGO

Introduction to Air Cargo Aviation and airline terminology, IATA, Airlines, Aircraft lay out, Different types of aircraft, Aircraft manufacturers, ULD, International Air Routes, Airports, Consortium, Hub & Spoke, Process Flow.

UNIT-2: HANDLING CARGO IN AIRPORT

The cargo Handling organisations in Airports, Cargo Handling Procedures, Handling of Equipment at airport loading and unloading, Consolidation as a marketing Tool, Courier traffic (Domestic and International), Perishables, Dangerous Goods, Carriage of Live Animals, Valuable Cargo, Human Remains, Restricted articles on board

UNIT-3: AIRLINE MARKETING

Air freight Exports and Imports - Sales & Marketing , Environment, Marketing Research, Strategies and Planning, Audits, Segmentation, SWOT, Marketing Management Control, Consignee controlled cargo –Sales leads – Routing Instructions - Customer service, Future trends.

UNIT-4: AIR FREIGHT FORWARDING

Air freight Exports and Imports - Special Cargoes - Consolidation - Documentation - Air Way Bill (AWB) - Communication - Handling COD shipments - POD -Conditions of contract - Dangerous (DGR) or Hazardous goods.

UNIT-5: AIR FREIGHT PROCEDURES

Air freight advices, booking, SLI, Labelling, Volume/ Weight Ratio, Shipment Planning, TACT, Air Cargo Rates and Charges, Cargo operations, Customs Clearance

TEXTBOOKS

- 1. Micheal Sales, Air Cargo Management, Himalaya publishers, 5th Edition, 2009
- 2. Paul Jackson et al, Air cargo distributions: A management analysis of its economic and marketing benefits, Gower Press, 3rd Edition, 2003



MBA - Semester: 3



	OGRAM			Logistics mana	gement								
	ourse Code :	Course N				L	Т	Р		С			
CD	OEMB301D	MARIT			ND								
			MS PROC	EDURES		3	0	0		3			
Yea		II (III Ser	mester)										
Sem	nester												
Cou	irse	Core											
ate	egory												
Cou	rse Objective	1. To le	arn the lega	al framework rel	lated to Ii	ndian and gl	lobal law						
	-	2. To ur	nderstand th	ne conventions of	of COGSA	A							
		3. To learn the INCOTERMS and general average											
			. To understand the digitalization of import and export process On successful completion of the course, the students will be able to										
Cou	irse Outcome		ssful comp	letion of the cou			be able to						
		CO	T1	1 1 1 2		se Outcome	1 1 1 1			BTL			
		CO1 CO2		he legal framewor			global law			K3 K4			
		CO2 CO3											
		CO4											
		CO5		the use of digitali			l export proce	ss		K4			
		CO6		e legal implication						K3			
	POs/												
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO	3			
	CO1	-	-	-	-	_	-	2	2				
	CO2	2	-	-	-	-	-	_	2				
	CO3	2	2	-	-	-	-	2	2				
	CO4	-	2	-	2	-	-	2	3				
	CO5	-	2	-	3	-	-	3	3				
	CO6	3	2	-	3	-	-	3	3				
	Average	2.3	2.0	-	2.7	-	-	2.4	2.5				
	Correlation Levels		s 1. Slight (Low)		2. Mod (Mediu		3.Substantial (High)						



UNIT-1: LEGAL FRAMEWORK

Nature and complexities; International conventions and trade law; Code and common laws and their implications to business; International Business contract – Legal provisions; Payment terms; International sales agreements; Rights and duties of agents and distributors, Source of Law, Common Law, Case Law, Legislation, Law of Tort &

UNIT-2: CONVENTIONS ON CARRIAGE OF GOODS BY SEA ACT (COGSA)

Importance of international cargo liability conventions, Hague, Hague-Visby ,Rotterdam rules, Hamburg Rules & York Antwerp Rules .Conflcits between rules, Relationship of cargo liability conventions with insurance, Liabilities of common and private carriers, Areas of dispute and litigations, Manner and quantum of liability, Dispute Resolution, procedures followed in litigation, arbitration and other methods of dispute resolution, Negotiability of title to cargo carried under bills of lading or other documents. Legal significance of bills of lading issued by charterers and the implications for shipowners, Carriers' liability of port-to-port bills of lading, combined transport bills of lading and liner waybills. Clauses covering identity of carrier, Himalaya Clause, Clause Paramount, New Jason and Both-to-Blame clauses.

UNIT-3: INCOTERMS, LIENS AND GENERAL AVERAGE (Ship arrest & Convention)

Rules governing INCOTERMS 2020. Liens, Types of Liens, Maritime Lien, Freight, Fire, Laytime– safe Ports/Berths, General Average, York-Antwerp Rules, GA Expenditure and Recovery, International Convention of Salvage, Average bonds, Warsaw Convention, CMI and CMR Conventions, Customs and Transit Convention, Kyoto Convention.

UNIT-4: CUSTOMS PROCEDURE

Introduction to Customs Act, and Introduction to Customs Tariff Act, Definitions of Various Duties of Customs, Jurisprudence of Rules, Regulations, Notifications. Salient features of customs rules of valuation, Assessment and examination

UNIT-5: DIGITALIZATION OF IMPORTATION AND EXPORTATION

Introduction to Online filing Manifest, Bill of Entry (Integrated Declaration), Shipping Bill, Single Window System, Participating Government Agencies, EDI, ICES, ICEGATE, Manifest, Documentation for Importation and Exportation. Arrival and Departure of Conveyances. Filing of IGM/EGM, IRER, Inward entry and outward entry, MOT, Port Clearance Certificate. Signance of the Customs Broker and Customs Department. Warehouse and operation.

TEXT BOOKS :

- 1. Maritime Law, Christopher Hill, Publisher: Lloyd's of London Press
- 2. Carriage of Goods by Sea, J. Wilson, Publisher: Longman Publishing Group



PROGRA	AM	MBA-Ship	BA-Shipping and Logistics management ourse Name : L T P (
	Code :					L	Т	Р		С				
CDOEN	AB302D		& IMPOR	Г										
	~	MANAGE				3	0	0		3				
Year and		II (III Sem	ester)											
Course of		Core												
Course C	Objective		the fundame			ement								
			about India'	*										
			o understand export and import finance To understand import management and its related procedures											
			To learn the recent trends in export and import management.											
Course O	utcome		a successful completion of the course, the students will be able to											
Course o	uteonie	CO	CO Course Outcome H											
		CO1	O1 Identify the role and functions of export trade											
		CO2	CO2Explain the export promotion measures in IndiaCO3Examine the financial aspects of EXIM tradeCO4Explain the import procedure and documentation											
		CO5Examine the recent trends with respect to exports and importsCO6Apply the concepts of export and import procedure for business houses.								K4 K3				
		000	Appry the et			on procedure	- TOT Dusines	3 110u3c3.		KJ				
	POs/													
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8					
	CO1	-	2	2	2	2	2	2	2					
	CO2	2	2	2	3	-	3	2	3					
	CO3	2	2	-	-	2	-	3	2					
	CO4	2	2	2	2	-	2	2	3					
	CO5	2	2	-	2	-	-	3	2					
	CO6	3	3	2	2	3	2	3	3					
	Average	2.2	2.2	2.0	2.2	2.3	2.3	2.5	2.5					
	Correlatio	on Levels	1. Sligh	nt (Low)		oderate lium)	3.Su	bstantial (I	High)					



UNIT- 1: INTRODUCTION TO EXPORT MANAGEMENT

Import Export Management Introduction; Concept Key Feature; Foreign Trade - Institutional Framework and

Basics; Trade Policy; Foreign Trade; Simplification of Document; Reduction in Document to Five for Custom

Purpose; Exporting; Importing Counter Trade; the Promise and Pitfall of Exporting; Improving Export Performance; Counter Trade.

UNIT- 2: INDIA'S EXPORT TRADE

Trends in India's export trade since independence, Composition of India's export trade, Direction of India's export trade, India's share in world trade, Reasons for India's poor share in world trade, Export of services. Export Product Planning: Modes of entry in foreign markets, Criteria for selection of products for exports, Steps in new product development process, identifying foreign markets for export of products, Product Branding, Product packaging and labeling requirements. Export procedure and incentives impact on the procedures, related customs formalities.

UNIT- 3: EXPORT PRICING AND FINANCE

Export Pricing – Factors determining export price, Export pricing objectives, Export pricing quotations, Marginal cost pricing, Break even pricing, Export pricing strategies, denomination of export contract, Export Finance – Types of export finance, Features of pre-shipment and post-shipment finance, Methods of payment, Role of commercial banks and EXIM bank in export finance, Role of ECGC in export risk management. Banking procedure, Procedure for realization of export incentives, Main export incentives available to Indian exporters.

UNIT-4 : IMPORT MANAGEMENT & DOCUMENTATION

Procurement planning, Identification, selection of suppliers. Purchase contract, terms of payments. Import policies. Role of a customs house agent and freight forward agents. Type of customs duties, valuation rules. Customs Act. Ware housing, Tariffs, Refund and Recoveries of customs, Rebates and Special facilities. Quality Systems – ISO 9000 series, Patenting, Project, Import and Export (Contract, Trunkey, Civil Construction, Services), EPZs & SEZs. Provisions and restrictions for import and export in India.

UNIT 5: RECENT TRENDS IN EXPORT AND IMPORT MANAGEMENT

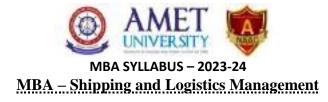
EXIM Policy, foreign trade logistics and supply chain management, Foreign Trade Policy. Export Import Policy of India; its Meaning; General Objectives; Highlight and Implication of Export-Import Policy

TEXT BOOKS :

- 1. Export Management P. K. Khurana Galgotia Publishing Company, New Delhi.
- 2. Export Management T. A. S. Balagopal Himalaya Publishing House, Mumbai.

REFERENCE:

1. Export Management – D. C. Kapoor – Vikas Publishing House Pvt. Ltd., New Delhi.



PROGR	RAM	MBA-Ship	ping and L	ogistics mar	nagement					
Course	e Code :	Course Na	ime :			L	Т	Р		С
CDOE	MB303D	PORT AG	GENCY OF	PERATION	IS	3	0	0		3
Year	and	II (III Sem	ester)					•		
Semeste	r									
Course	category	Core								
Course	Objective	1. To	o understand	l the classifi	cation of	cargoes				
				l the concep						
				unctions of						
				it the ship cl						
0	2.4			the legal fu						
Course (Jutcome	CO Success	stul comple	tion of the c		ourse Outco		to		BTI
		CO1	Evolain the	classification			ome			K2
		CO1 CO2		concepts of						K2 K3
		CO3		commercial			ement			K2
		CO4		e ship charter						K4
	CO5 Explain the legal aspects of po									K2
		CO6	Identify the	importance	of port age	ncy operatio	ons			K3
	Pos/						-			
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	
	CO1	2	2	2				2	2	-
		2	2	2	-	-	-	2	2	-
	CO2	2	2	2	-	-	-	2	2	
	CO3	2	-	2	-	-	2	2	2	
	CO4	2	2	2	-	-	2	2	2	
	CO5	2	2	2	-	-	2	3	2	
	CO6	3	3	2	-	-	2	2	2	
	Average	2.2	2.2	2.0	-	-	2.0	2.2	2.0	
	Correlat	ion Levels	1. Sligh	nt (Low)		derate lium)	3.Sul	bstantial (I	High)	



UNIT 1 : CLASSIFICATION OF CARGOES & SHIPS

Dry Bulk Cargoes, Liquid Bulk Cargoes, General Merchandise, Unitization of Cargoes, Containerization of Cargoes-Types of Containers. **Classification of Ships**: Bulk Carriers-Handy, Handy max, Panamax, Supramax, Cape Size; Tankers-LR, MR, VLCC, ULCC, Aframax, Suezmax; Container Ships, Trade Routes.

UNIT 2 : PORT AGENCY

Role of Ports in the economic development of the region, Concept of Hinterland, features of a Port, Services offered by Port Agents, Charterer's Agents, Organization of Port Agency. Salient features of General Agency Agreement, Preparation of Statement of Facts, Laytime Calculation.

UNIT 3 : COMMERCIAL ASPECTS OF PORT MANAGEMENT

Study of Port Tariff, Preparation of Proforma Marine Disbursement. Need for using a multimodal transport, Concept of Port Connectivity, Role of ICD & CFS, FTWZ, SEZ.

UNIT 4 : SHIP CHARTERING AND VOYAGE ESTIMATION

Voyage Charter, Time Charter, Bareboat-cum-demise Charter, Contract of affreightment, Definition of a Tramp Voyage, Costs & Revenues of a typical voyage, Voyage Estimate exercise.

UNIT5 : LEGAL ASPECTS OF PORT AGENCY

Definition of a Carrier, Carrier's liability, COGSA, Hague Rules, Hague-Visby Rules, Hamburg Rules, Rotterdam Rules, Concept of Maritime Adventure, General Average sacrifice, Particular average, Average Adjustment process. Freight, Liens, Cesser Clause, Demurrage and Damages for Detention, Notice of Readiness, Port and Berth Charter parties, Hire / Off-hire, Anti-technicality clause, Delivery / Redelivery, Final voyage

TEXT BOOKS :

- 1. Elements of shipping, Alan Branch, Publisher: Sterling/ Routledge
- 2. Business & Law for the Shipmaster, F.N.Hopkins, Publisher: Brown, Son & Ferguson Ltd
- 3. Commercial Shipping Handbook, Peter Brodie, Publisher: Lloyd's of London Press

REFERENCE:

- 1. Ship broking and Chartering Practice, Ihre.R&Gordon.L, Publisher: Lloyd's of London Press
- 2. Maritime Economics, Martin Stopford, Publisher: Routledge



PROGR	RAM	MBA-Ship	ping and Lo	ogistics mar	nagement							
	e Code :	Course Na	me :	<u> </u>		L	Т	P		С		
CDOE	MB304D	SUPPLY (CHAIN AN	D								
			ALS MANA	GEMENT	Г	3	0	0		3		
Year	and	II (III Seme	ester)									
Semeste	r											
Course		Core										
categor	у											
Course	Objective		learn the ba									
			understand					ing				
			know the p									
			understand			•						
			. To learn recent trends in supply chain and Materials management. accessful completion of the course, the students will be able to									
Course (Outcome		ful complet	ion of the c)				
		CO	** ** *			urse Outcor				BTL		
		CO1	Identify the					oncepts		K3		
		CO2	Explain the				sourcing			K2 K3		
		CO3 CO4	Examine the Determine the				ant			K3 K4		
		C04 C05	Examine the					agamant		K4 K4		
		C03 C06	Apply conce						ne	K4 K3		
	Pos/			pus of suppr					JII5	K.		
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8			
	005	101	102	105	104	105	100	10/	100			
	CO1		2					2	2	_		
	CO1	2	2	2	-	-	-	2	2			
	CO2	2	2	2	-	-	-	2	2			
	CO3	2	-	2	-	-	2	2	2			
	CO4	2	2	2	-	-	2	2	2			
	CO5	2	2	2	-	-	2	3	2			
	CO6	3	3	2	-	-	2	2	2			
	Average	2.2	2.2	2.0	-	-	2.0	2.2	2.0			
	Correlat	ion Levels	1. Sligl	nt (Low)	2. Moderate (Medium) 3.Substantial (High)							



UNIT-1: LOGISTICS AND SUPPLY CHAIN CONCEPTS

Logistics and Supply Chain – Fundamentals –Evolution- Role in Economy - Importance - Decision Phases - Supplier-Manufacturer-Customer chain. - Enablers/ Drivers of Supply Chain Performance. Supply chain strategy – Reverse logistics - Integrated supply chains design - Customer relationship process - Order fulfilment process –Supplier relationship process - Supply chain strategies - Strategic focus - Mass customization - Lean supply chains -Outsourcing and offshoring-Virtual supply chains.

UNIT-2: DISTRIBUTION CHANNELS AND OUTSOURCING LOGISTICS

Distribution channel structure - channel members, channel strategy, role of logistics and support in distribution channels. Logistics requirements of channel members. Logistics outsourcing – catalysts, benefits, value proposition. Third and fourth party logistics. Selection of service provider.

UNIT-3: MATERIALS MANAGEMENT

Introduction: Meaning and Scope, Objectives and Significance of Materials Management, Material Management in Other Areas of Management Functions.

UNIT-4: PURCHASE MANAGEMENT

Purchasing Management: Objectives and Functions of Purchasing Department, Purchase Policy and Procedure, Negotiations, Purchase of High Capital Equipment and their Feasibilities. Supply Chain Management, Implementation of Supply Chain Principles within a Company.

Suppliers Selection, Vendor Rating and Vendor Rating Techniques, Vendors Development and Vendors' Relationship.

UNIT-5: RECENT TRENDS IN SUPPLY CHAIN AND MATERIALS MANAGEMENT

Usage of IT applications - E commerce – Last mile delivery - Automatic vehicle location systems, Geographic information Systems – Block chain and supply chain – Cloud Computing and supply chain management.

TEXT BOOKS :

Text Book of Logistics and Supply Chain Management, D.K.Agrawal



PROGRAM	MBA (S	Shipping &	Logistics N	Management)				
Course Code :	Course	Name : E-	Commer	ce	L	Т	Р	С	
CDOEMB305D					3	0	0	3	
Year and Semester	II (III S	emester)							
Course category	Core								
Course Objective	2. To 3. To 4. To 5. To	assist the st know the fu recognize s understand	udents in l indamenta ecurity iss the issues	ls of Electro ues in E-Cor in e-comme	sumer E-Con nic Data Inte mmerce	erchange.	e to		
	0	Course Outcome							
	01	1. Examine the basic concepts of e-Commerce;							
	O2	 Explain the Consumer E-Commerce; Identify the concepts of Electronics Data Interchange 							
	03		K3						
	04	4. De	K4						
	05	5. Ide	К3						
	O6	Ap	pry me E-c		cepts in Busin	1088		K3	
Pos/ COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	
CO1	3	2	-	-	-	-	3	2	
CO2	3	2	-	-	2	-	3	-	
CO3	3	2	-	-	2	-	3	3	
CO4	3	3	-	-	3	3	3	3	
CO5	3	3	-	-	3	-	3	1	
CO6	3	3	-	-	3	2	3	3	
Average	3.0	2.5	-	-	2.6	2.5	3.0	2.4	
Correlation L	evels	1. Slight	(Low)	2. Mode (Medium		3.Subst	antial (Hig	(h)	



UNIT 1 E-COMMERCE AND ITS TECHNOLOGICAL ASPECTS

Overview of developments in Information Technology and Defining E-Commerce: The scope of E commerce, Electronic Market, Electronic Data Interchange, Internet Commerce, Benefits and limitations of E-Commerce, Produce a generic framework for E-Commerce, Architectural framework of Electronic Commerce, Web based E Commerce Architecture.

UNIT 2 CONSUMER ORIENTED E COMMERCE

E-Retailing: Traditional retailing and e retailing, Benefits of e retailing, Key success factors, Models of e retailing, Features of e retailing. E services: Categories of e-services, Web-enabled services, and matchmaking services, Information-selling on the web, e entertainment, Auctions and other specialized services. Business to Business Electronic Commerce

UNIT 3 ELECTRONIC DATA INTERCHANGE

Benefits of EDI, EDI technology, EDI standards, EDI communications, EDI Implementation, EDI Agreements, EDI Security. Electronic Payment Systems, Need of Electronic Payment System: Study and examine the use of Electronic Payment system and the protocols used, Study Electronic Fund Transfer and secure electronic transaction protocol for credit card payment. Digital economy: Identify the methods of payments on the net – Electronic Cash, cheques and credit cards on the Internet.

UNIT4 SECURITY IN E COMMERCE

Financial fraud – Phishing – Spamming – Malware - Bad bots - Distributed denial of service (DDoS) attacks - Fake return and refund fraud - Man-in-the-middle attacks - E-Commerce Security Solutions- Stronger passwords- Payment gateways- HTTPS-E-Commerce Security Best Practices

UNIT 5 ISSUES IN E COMMERCE

Understanding Ethical, Social and Political issues in E-Commerce: A model for Organizing the issues, Basic Ethical Concepts, Analyzing Ethical Dilemmas, Candidate Ethical principles Privacy and Information Rights: Information collected at E-Commerce Websites, The Concept of Privacy, Legal protections Intellectual Property Rights: Types of Intellectual Property protection, Governance.

TEXTBOOK:

- 1. Elias. M. Awad, "Electronic Commerce", Prentice-Hall of India Pvt Ltd.
- 2. RaviKalakota, Andrew B. Whinston, "Electronic Commerce-A Manager's guide", Addison-Wesley.

REFERENCE BOOK:

Efraim Turban, Jae Lee, David King, H.Michael Chung, "Electronic Commerce–A ManagerialPerspective", Addison-Wesley.



PROGRAM	MBA-Ship	ping and Lo	ogistics mana	gement					
Course Code :	Course Na	me :			L	Т	Р		С
CDOEMB306D	SHIPPIN			ND					
		INSURAN	CE		3	0	0		3
Year and	II (III Sem	ester)							
Semester									
Course	Core								
category									
Course Objective			epts of shippi						
			e process of sa			ips			
		•	aspects invol		0 1				
			eral principles						
Course Outeerse			e role of prote		•				
Course Outcome	CO CO	stul complet	tion of the co		se Outcome	be able to			BTL
	C01	Identify the	concepts of sh						K3
	CO2		e process of sal						K4
	CO3		he cost aspects						K5
	CO4		e principles of						K4
	CO5		significance of			•			K4
	CO6	Apply the co	oncepts of ship	ping financ	e and marine	e insurance			K3
Pos/ COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	
CO1	2	2	-	-	-	2	2	2	
CO2	2	2	-	-	-	3	2	2	
CO3	-	2	-	-	-	-	2	2	
CO4	2	2	-	2	-	-	2	2	
CO5	2	2	-	2	2	2	2	2	
CO6	3	3	-	2	2	2	2	3	
Average	2.2	2.2	-	2.0	2.0	2.3	2.0	2.2	
Correlatio	on Levels	1. Sligh	nt (Low)		derate lium)	3.Su	bstantial (I	High)	



UNIT 1: FINANCING OF SHIPPING BUSINESS

Appraising risk on shipping investment - Financing of Shipping Business: Equity and debt financing – International sources of finance- International equity and bond market- Mezzanine Financing. The ship mortgage – Financing of new building –. Derivatives in shipping finance – Forward Contracts - Swaps and Options

UNIT 2: SALE AND PURCHASE OF SHIPS

Sale and Purchase market- Purchase and Sale of second hand ships- Financing of second hand ships - Analysis of standard Ship Sale & Purchase contracts – Role of ship sale brokers – case studies. Demolition market dynamics

UNIT 3: CAPITAL AND OPERATING COST OF SHIP OWNING

The economics of ship operation -Capital costs- CAPEX- voyage costs – operating costs – cost estimate summary

UNIT 3: GENERAL PRINCIPLES OF MARINE INSURANCE

Principles of Marine Insurance - Marine insurance market structure - Types of marine insurance covers - Mortgagee's indemnity insurance. Hull & Machinery - Cargo insurance - Institute cargo clauses - War and Strike clause - hull - cargo. Marine insurance claim process - Marine Insurance claim during General average situations - Case studies

UNIT 5: PROTECTION & INDEMNITY (P&I) INSURANCE

P&I clubs - Types of P&I covers available & their modes of operation – Shipowners' third party liability - collision liability, contact damage to the property, death and personal injury, pollution liability. Third party liability claims processing- Insurance cover for professional indemnity –-case studies.

TEXT BOOKS :

- 1. Shipping Finance, Graham Burns and Stephenson Harwood, Publisher: Euromoney Books
- 2. Ship Finance: Credit expansion and the Boom Bust Cycle, Peter Stokes, Publisher: Lloyd's of London Press
- 3. Ship Sale and Purchase, Lain Goldrein QC and Paul Turner, Publisher: Lloyd's of London Press
- 4. Marine Insurance: Law and Practice Francis D Rose., Publisher: Lloyd's of London Press

REFERENCE:

1. General Average : Law and Practice - Francis D Rose, Publisher: Lloyd's of London Press



PROGR	AM	MBA-Sł	nipping and Lo	gistics mana	gement					
Course C		Course N					L	Т	Р	С
CDOEN	MB307D	INTERN	NATIONAL N	ARKETIN	IG		3	0	0	3
Year Semester	and	II (III Se	emester)							
Course		Core								
category	V									
	Objective	1. To l	learn the conce	pts of intern	ational mar	keting				
			know the envir							
			learn the aspec							
			understand the			onal market	entry			
Course C	Jutcome		learn the India ³ essful completi			idents will l	he able to			
Course C	Jucome	CO	completi		Course Out				BTL	
		CO1	Identify the co	oncepts of inte	ernational m	arketing			K3	
		CO2	Explain the er						K5	
		CO3	Examine the e				de		K4 K5	
		CO4	Explain the p	rocess of inter	national mai	rket entry			КJ	
		CO5	Assess the Inc	dia's internation	onal policy a	and the impac	ct on econon	ny	K5	
		CO6	Apply the cor	ncepts of inter	national mar	keting.			K3	
	Pos/ COs	РО	1 PO2	PO3	PO4	PO5	PO6	PO7	PO8	
	CO1	3	-	-	3	-	2	3	2	
	CO2	3	-	2	3	-	3	2	3	
	CO3	3	-	3	2	3	2	3	2	
	CO4	3	-	-	3	2	3	2	3	
	CO5	3	-	3	2	-	2	3	2	
	CO6	3	-	2	3	3	3	2	3	
	Average	3.0) -	2.5	2.7	2.7	2.5	2.5	2.5	
	Correla	tion Leve	ls 1. Slig	sht (Low)		oderate dium)	3.Su	bstantial ((High)	



MBA – Shipping and Logistics Management

UNIT-1: INTRODUCTION TO INTERNATIONAL MARKETING

Introduction, Nature and Scope, Importance, Reasons for entering International Markets, Benefits of international marketing, International Marketing vs. Domestic Marketing, Potential advantages and disadvantages of entering International marketing.

UNIT-2: INTERNATIONAL MARKETING ENVIRONMENT

Micro environment, Political Environment, Political systems, legal and Regulatory Environment, Socio-cultural Environment, Economic Environment, Technological Environment, Challenges in Global Marketing.

UNIT-3: INTERNATIONAL TRADE ENVIRONMENT

Classical trade theories, modern trade theories, trade barriers, quotas, Implications of Tariffs, Types of Agreements, General Agreement on Tariffs and Trade (GATT), Functions and Objectives of WTO, Implication of WTO on International Marketing, India's Role in International Trade Theories.

UNIT-4: INTERNATIONAL MARKET ENTRY & MARKETING CHANNELS

Indirect Exporting, Domestic Purchasing, Direct Exporting, Foreign Manufacturing Strategies without Direct Investment, Foreign Manufacturing Strategies with Direct Investment. Entry Strategies of Indian Firms. Channels –Distribution Patterns, Factors effecting Choice of Channels, the Challenges in Managing an international Distribution Strategy, market surveys, marketing information system Advertising and Branding, Grey Market goods.

UNIT-5: India's International Policy and Impact on Economy

Government measures and export incentives, Exim policy, ECGC services, Role of Indian banks & F.I's,

Balance of trade/payments, Current stand on WTO, Services export from India, sourcing newly emerging

democracies

Textbook:

- 1. Philip R.Cateora, John L. Graham, International Marketing 11/e, Tata McGraw Hill co. Ltd., 2002
- 2. SakOnkvisit, John J.Shaw, International Marketing Analysis and Strategy, 3/e. Prentice-Hall of India Pvt. Ltd., 2000
- 3. K. Aswathappa, International Business, 5 th Edition, Tata Mc Graw Hill, New Delhi, 2012.
- 4. Rakesh Mohan Joshi, International Business, Oxford University Press, New Delhi, 2009.
- 5. Charles W.I. Hill and Arun Kumar Jain, International Business, 6th edition, Tata Mc Graw Hill, New Delhi



PROGR	AM	MBA-Shipp	ing and Log	gistics mana	gement					
Course C	Code :	Course Nam	ne :				L	Т	Р	С
CDOEN	MB308D	CUSTOME	R RELAT	IONSHIP N	IANAGE	MENT	3	0	0	3
Year Semester	and	II (III Semes	ster)							
Course		Core								
category	y									
Course (Objective	1. To le	arn the fund	lamental con	ncepts of C	RM				
				erent aspect		ner satisfact	ion			
				ects of servio						
				e technolog			М			
<u> </u>)			rging perspe			1. 1			
Course C	Jutcome	On successf	ui completio		Course Out		be able to		BTL	
			lentify the co	ncepts of Cus			agement		K3	
				vironment rel					K5	
		CO3 E	xamine the th	ne concepts of	f Service Qu	ality			K4	
		CO4 E	xplain the pro	ocess of techn	nological dir	nensions of (CRM		K5	
		CO5 A	ssess the eme	erging perspe	ctives of CR	RM			K5	
			pply the cond	cepts of CRM	[.				K3	
	Pos/ COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	
	CO1	3	-	-	3	-	2	3	2	
	CO2	3	-	2	3	-	3	2	3	
	CO3	3	-	3	2	3	2	3	2	
	CO4	3	-	-	3	2	3	2	3	
	CO5	3	-	3	2	-	2	3	2	
	CO6	3	-	2	3	3	3	2	3	
	Average	3.0	-	2.5	2.7	2.7	2.5	2.5	2.5	
	Correla	tion Levels	1. Slig	nt (Low)		derate lium)	3.Su	bstantial ((High)	



MBA – Shipping and Logistics Management

UNIT-1: CUSTOMER RELATIONSHIP MANAGEMENT FUNDAMENTALS

Theoretical perspectives of relationship, Evolution of relationship marketing, Stages of relationship, Issues of relationship, Purpose of relationship marketing, Approach towards marketing: A paradigm shift, Historical Perspectives, CRM Definitions, Emergence of CRM practice:, CRM cycle, Stakeholders in CRM, Significance of CRM, Types of CRM, Success Factors in CRM, CRM Comprehension, CRM Implementation .

UNIT-2: CUSTOMER SATISFACTION

Meaning, Definition, Significance of Customer Satisfaction, Components of Customer Satisfaction, Customer Satisfaction Models, Rationale of Customer Satisfaction, Measuring Customer Satisfaction, Customer satisfaction and marketing program evaluation, Customer Satisfaction Practices, Cases of Customer Satisfaction.

UNIT-3: SERVICE QUALITY

Concept of Quality, Meaning and Definition of Service Quality, Factors influencing customer expectation and perception, Types of Service Quality, Service Quality Dimensions, Service Quality Gaps, Measuring Service Quality, Service Quality, Service Quality measurement Scales.

UNIT-4: TECHNOLOGICAL DIMENSIONS OF CRM

Technology Dimensions - E-CRM in Business, CRM: A changing Perspective, Features of e-CRM, Advantages of e-CRM, Technologies of e-CRM, Voice Portals, Web Phones, BOTs, Virtual Customer Representative, Customer Relationship Portals, Functional Components of CRM, Database Management: Database Construction, Data Warehousing, architecture, Data Mining. Characteristics, Data Mining tools and techniques, Meaning, Significance, Advantages, Call Center, Multimedia Contact Center, Important CRM software.

UNIT-5: EMERGING PERSPECTIVES OF CRM

Emerging Perspectives: Employee-Organisation Relationship, Employee- Customer Linkage, Factors effecting employee's customer oriented behavior, Essentials of building employee relationship, Employee customer orientation, Service Failure, Service Recovery Management, Service Recovery Paradox, Customer Life time value, customer profitability, customer recall management, customer experience management, Rural CRM, Customer relationship management practices in retail industry, hospitality industry, banking industry, telecom industry, aviation industry.

Textbook:

- 1. Alok Kumar Rai : Customer Relationship Management: Concepts and Cases (Second Edition)
- 2. Simon Knox, Adrian Payne, Stan Maklan: Customer Relationship Management- Routledge Inc.
- 3. Bhasin- Customer Relationship Management (Wiley Dreamtech)
- 4. Dyche- Customer relationship management handbook prentice hall



PROGRAM	MBA-	Shipping a	nd Logistics	s manageme	ent				
Course Code :		e Name :			L	Т		Р	С
CDOEMBE05		CHANT B. NCIALSE	ANKING A RVICES	ND		3	0	0	3
Year and Semest		Semester)				5	0	0	5
Course category									
Course Objectiv					ant banking				
			BI guidelin						
			he role of n asibility stud						
			he corporat						
Course Outcome					the students	will be ab	le to		
	CO			Course (BTL	
	CO1	Identify	the importa	ance of mer	chant banki	ng		K3	
	CO2	To stud	y the regula	tions of the	regulators			K5	
	CO3	To unde	erstand the a	activities pe	rformed by	merchant b	anjers	K4	
	CO4	Explain	the role of	economic r	eforms in In	dia		K5	
	CO5	Examin	e the other s	services off	ered by mer	chant bank	ers	K5	
	CO6		es the stud t banking	dents to	understand	the opera	ations of	K3	
POs/ COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	;
CO1	2	3	-	2	-	3	2	3	
CO2	2	3	-	3	-	3	2	3	
CO3	3	3	-	2	-	2	3	2	
CO4	3	3	3	3	-	3	2	3	
CO5	2	2	3	3	-	2	3	3	
CO6	3	3	2	3	-	2	3	3	
Averag	ge 2.5	2.8	2.7	2.7	-	2.5	2.5	2.8	
Correl	ation Levels	1. Slig	nt (Low)	2. Mod (Mediu		3.Subst	antial (Hi	igh)	



UNIT 1 : MERCHANT BANKING AND FINANCIAL SERVICES

Nature and scope of Merchant Banking - Regulation of Merchant Banking Activity - overview of current Indian Merchant Banking scene – the structure of Merchant Banking industry - primary Markets in India and Abroad - - Professional Ethics and code of conduct - current Development.

Financial Services Meaning and Definition, Role of Financial Services in a financial system.

UNIT 2 : REGULATION OF MERCHANT BANKING ACTIVITY

Guidelines of SEBI and Ministry of Finance, categorization of merchant bankers, Regulation under Companies Act 1956 and 2013, Listing guidelines of stock Exchange and Securities contracts Act, 1956. Relation with Stock Exchanges.

UNIT 3 : PUBLIC ISSUE MANAGEMENT IN MERCHANT BANKING

Meaning and types of issues, appointment and role of merchant banker in issue management, pre-issue & post-issue management activities performed by merchant banks, Issue Pricing, Book Building: Preparation of Prospectus, Selection of Bankers etc. Role of Registrars, Bankers to the Issue, Underwriters, Brokers, Advertising Strategies, NRI Marketing.

UNIT 4 : PROJECT PREPARATION AND APPRAISAL

Introduction, Project identification, Stages of selection, Project Feasibility study, Appraisal of Project: Financial appraisal, Technical appraisal, and Economical appraisal by merchant bankers.

UNIT 5 : OTHER SERVICES BY MERCHANT BANKERS

Management of debt – Factoring and Forfeiting, Placement and Distribution of various securities, Corporate advisory services in Mergers and Acquisitions, Venture capital, Loan syndication, investment advisory services, Credit rating, Joint Ventures.

TEXTBOOKS :

1. M.Y.Khan, Financial Services, Tata McGraw-Hill.

2. Nalini Prava Tripathy, Financial Services, PHI Learning.

3. H.R. Machiraju, Merchant Banking, New Age International Publishers

Reference:

1. Sri Ram k., "Hand Book of Leasing", Hire Purchase and Factoring", ICFAI, Hyderabad.

2. L. Natarajan, Merchant Banking and Financial Services, Margham publication.

3. S. Gurusamy, Merchant Banking and Financial Services, Star Books publication, Trivandrum



PROGR	AM	MBA-Shipp	ing and Lo	gistics Man	agement					
Course C		Course Nam				L	Т	I	2	С
CDOEN	MBE06D	CRUISE M	ANAGEM	IENT		3	0	()	3
Year and	l Semester	II (III Seme	ster)							
Course	category	Elective								
	Objective	 To unde To know To have To get a 	rstand the n the sales a an understa n idea of th	of the cruise naritime asp and marketin anding of th e port call n	pects of cru ng aspects le human re nanagemer	uise shippin of cruise to esource ma nt in cruise	ourism. nagement a tourism.	spects of ci	ruise touri	sm.
Course C	Dutcome	On successf	ul completi	on of the co						
		CO CO1 Id	antify the di	fferent aspec		se Outcome				BTL K3
				aritime aspec						K3 K4
			-	fferent featur		-		eting		K4 K2
			1	man resource		1				K2 K3
				actors that ma				operators		K3 K4
				agement prin						K3
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	
	CO1	2	_	-	-	-	-	2	2	
	CO2	2	-	-	-	-	-	3	2	
	CO3	2	-	2	-	2	3	2	2	
	CO4	2	-	-	-	-	-	2	3	
	CO5	2	2	3	-	2	2	3	3	
	CO6	3	3	2	-	2	3	3	3	
	Average	2.2	2.5	2.3	-	2.0	2.7	2.5	2.5	
	Correla	tion Levels	1. Sligh	nt (Low)		oderate lium)	3.Su	bstantial (l	High)	



UNIT-1: OVERVIEW OF CRUISE OPERATIONS

History of cruise liners - The elements of cruising - The cruise market – Current global and Indian cruise line operators-Acquisitions and mergers - Cruise brands - The economics of cruising – India's policy for promotion of cruise tourism

UNIT-2: MARITIME ASPECTS OF CRUISE MANAGEMENT

Cruise ship's position in the shipping industry - The legal environment - Ship nationality, registration, and flag – Ship specifications - Marine pollution - Safety of Life at Sea - Sanitation and cleanliness - Marine security - Cruise ships and the environment

UNIT-3: SALES AND MARKETING ASPECTS OF CRUISE MANAGEMENT

The Cruise market and products - Cruise operators and travel agents - Marketing actions and alliances - Loyalty schemes - Elements of a cruise product (Accommodation, Dining on board, Entertainment, Shore excursions) - Primary cruising regions: the Caribbean, Europe, and the Mediterranean, North America, Asia, Oceania, and the South Pacific.

UNIT-4: HUMAN RESOURCE ASPECTS OF CRUISE MANAGEMENT

The roles and responsibilities on a cruise ship - The shipboard culture: managing a multicultural crew - Working on board: practical considerations - Recruitment practices - The human side of service quality - Guest service systems for cruise companies - Orientation for guest service.

UNIT-5: PORT CALLS AND DESTINATION MANAGEMENT ASPECTS

Factors determining a port ideal for cruise vessel calls - Logistics, positioning, and planning aspects of port calls - Tourist motivations – Economic aspects of Fly Cruise packages – Managing Shore excursions.

TEXT BOOKS :

- 1. Cruise Operations Management, Philip Gibson and Richard Parkman, Publisher: Routledge, 2019.
- 2. Cruise Management Information and Decision Support Systems, Alexis Papathanassis / Michael H. Breitner
- 3. Cornelia Schoen / Nadine Guhr (Eds.), Publisher: Gabler Verlag | Springer Fachmedien Wiesbaden GmbH, 2012



MBA - Semester: 4



PROGRA		MBA-Ship	<u> </u>	Logistics n	nanageme	ent	-			
Course		Course Nat				L	Т		Р	С
CDOEM	IB401D	ENTREPI		SHIP						
		DEVELO				3	1		0	4
Year and S	Semester	II (IV Sem	ester)							
Course ca	ategory	Core								
Course O	bjective	To learn ab	out the ba	sics of ent	trepreneu	ship				
		To underst	and the pr	oblems of	entrepren	eurship				
		To study th								
		To learn th				available t	o entrepre	neurship		
		To know the								
Course Ou	utcome	On success	ful compl	etion of th				able to		
		CO				irse Outcon				BTL
				basic conce			р			K3
				nurdles in e general prin			armont			K3 K5
				financial as				irs		KJ K4
				ifferent mar			entreprenee	15		K5
				ances in bu			ccessful er	ntrepreneur	•	K3
								.		
	POs/	DO1	DOA	DOJ	DO 4	DO5		D07	DOQ	
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	
	CO1	2	-	2	2	-	2	2	2	
	CO2	2	-	2	2	-	2	2	2	
	CO3	2	2	2	2	2	2	2	2	
	CO4	2	3	2	2	2	2	2	2	
	CO5	2	2	2	2	3	3	3	2	
	CO6	3	2	3	3	3	2	2	3	
	Average	2.2	2.3	2.2	2.2	2.5	2.2	2.2	2.2	
	Correlat	tion Levels	1. Sligh	nt (Low)		oderate lium)	3.Sub	ostantial ((High)	



UNIT-1: EVOLUTION OF ENTREPRENEURSHIP

Meaning and Importance - Evolution of term 'Entrepreneurship' - Factors influencing entrepreneurship' Characteristics of an entrepreneur - Types of entrepreneur - New generations of entrepreneurship viz. social entrepreneurship, Edupreneurship, Health entrepreneurship, Tourism entrepreneurship, Women entrepreneurship etc. - Barriers to entrepreneurship –case studies

UNIT-2: SETTING UP A SMALL INDUSTRY & PROBLEMS OF ENTREPRENEURSHIP

Steps for Starting a Small Industry, Selection of Types of Organization, Incentives and Subsidies, Problems of Entrepreneurship, Sickness in Small-scale Industries - Reasons and Remedies, Importance of SME to our Economy.

UNIT-3: PROJECT MANAGEMENT

Concept of Projects and Classification, Project Report, Project Appraisal, Factory location and Layout, Institutions in Aid of Entrepreneurs. Development of Women Entrepreneurs- case studies

UNIT-4: ASSISTANCE TO ENTREPRENERSHIP

Assistance to entrepreneurs- New Ventures - Industrial Park (Meaning, features, & examples) - Special Economic Zone (Meaning, features & examples) - Financial assistance by different agencies - Financial assistance to MSME- SSI- National Small Industries Corporation (NSIC) - Modernisation assistance to small scale unit - The Small Industries Development Bank of India(SIDBI) . Export oriented units -Incentives and facilities to exports entrepreneurs - Export-Import Bank of India

UNIT-5: MARKETING CHANNEL

Methods of Marketing, Marketing Channels, Marketing Institutions and Assistance, Setting Quality Standardscase studies. Purposeful innovation-unexpected success/failure, Principles of purposeful innovation Incubation Centres-meaning, services and role of incubation centres, study of incubation centres in INDIA.

TEXT BOOKS :

- Dynamics of Entrepreneurial Development and Management, Vasant Desai, Publisher: Himalayan Book Company
- Entrepreneur Development, Gupta & Srinivasan, Publisher: Pearson

REFERENCES:

- Entrepreneurship Development and Management, Dr. A.K. Singh, Publisher: Laxmi Publications
- Entrepreneurial Development, S. S. Khanka, Publisher: S. Chand



PROGRA	AM	MBA-S	hippii	ng and Log	sistics manag	gement					
Course	Code :	Course	Name	:	<u> </u>		L	Т		Р	С
CDOEM	IB402D	BUSINE	ESS TO	O BUSINE	SS MARKE	TING	3	1		0	3
Year	and	II (IV S	emest	er)				•			
Semester											
Course		Core									
category											
Course C	bjective				t of B2B Ma	•					
					rganization's						
					iges of mark						
					istribution c				8.		
Course O	utcome				veness of adv	Ū	·				
Course O	ucome	CO	CSSIU	reompieu		Course Ou				BTL	
			Illus	strate the a	pplications, c			ynamic envi	ronment of	K3	
		CO1	B2B	marketing	g, including t						
		~~~		avior							
		CO2			uences of the					K5 K4	
		CO3			portance of portan				nel	K4 K5	
		CO4	_								
		CO5			omotional act	tivities and	d the training	ng needed o	of the sales	K5	
			forc		grated market	ing comm	unications n	lan for pror	noting B2B	K3	
		CO6		lucts or serv	·	ing comm	unications p	nan ioi pioi	noting D2D	K5	
										<u> </u>	
	Pos/	D	1	DOA	DOJ	<b>DO</b> 4	DO5	DOC	<b>D</b> 07	DOO	
	COs	PO	Л	PO2	PO3	PO4	PO5	PO6	PO7	PO8	
	CO1	2	2	2	2	2	2	2	2	2	
	CO2	2	2	2	2	2	2	2	2	2	
	CO3	2	2	2	2	2	2	2	2	2	
	CO4	2	2	2	2	2	2	2	2	2	1
	CO5	2	2	2	2	2	2	2	2	2	1
	CO6	2	2	2	2	2	2	2	2	2	1
	Averag	e 2.	.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1
	Correla	ation Lev	vels	1. Sligh	nt (Low)		derate lium)	3.Su	bstantial (E	ligh)	



## **UNIT 1: INTRODUCTION TO Business to Business Marketing**

The B2B Marketing system and the concept, Industrial goods demand and product characteristics market levels and product types, the industrial customer, buyer motives business and institutional buyers.

## **UNIT 2: ORGANISATIONAL BUYING**

BUYGRID MODEL, phases in purchasing decision process & their marketing implications, Buying centres, value analysis & vendor analysis.

## **UNIT-3: IB2B MARKET SEGMENTATION**

Bases for Segmenting Business Market-macro and micro variables. Targeting the industrial product, positioning the industrial product. Industrial product life cycle, product mix, Service component— The provision of parts, technical assistance, terms of sales.

## **UNIT-4: THE DISTRIBUTION CHANNEL COMPONENT**

Industrial distributors, Formulation of channel strategy-conditions influencing channel structure. Brief introduction to Marketing Logistics. The price component - conditions affecting price competition, cost factor, the nature of demand, and pricing policies.

## **UNIT-5: PROMOTIONAL COMPONENTS**

Advertising functions-establishing recognition, supporting and motivating salesmen and distributors measurement of advertising effectiveness. Personal selling-Personnel profiles selection and training, supervisions compensation sales promotion and public relations-Trade shows and exhibits, promotional novelties.

## **Textbooks :**

- Alexander, R.S. Cross, J.S. & Hill, M.: Industrial Marketing, Richard Irwin, Homewood, Illincies.
- Reeder & Reeder : Industrial Marketing, Prentike Hall, India

## **Reference Books:**

- Cox. F. (Jr.) : Industrial Marketing Research, John-Willey & Sons, New York
- Fisher, L. : Industrial Marketing, Business Books



	GRAM			ogistics manag	gement					
	urse Code :	Course N				L	Т	Р		С
	EMBE07D	SALES A	ND RETAIL	MANAGEME	NT	3	0	0		3
Year a	and Semester	II (IV Se	mester)							
Cours	se category	Elective								
Cours	e Objective	1. 7	Го learn abou	t the sales theo	ories and s	salesmanshij	p			
				the negotiatio	on techniq	ues to be fo	llowed			
				he salespeople						
				ole of the retail		nd process.				
Cours	e Outcome			various retail op tion of the cour		ndanta mill	ha ahla ta			
Cours	e Outcome		essiul comple		Course Ou		be able to		BTL	
		C01	Clarify the c	oncept and relat					K3	
		CO2		negotiation strat		0			K5	
		CO3		importance of s					K4	
		CO4	Understand	various formats	of retail in	the industry.			K5	
		CO5	Explain the	multi facilities n	eeded to o	perate retail s	store		K5	
			Recognize a	nd understand the	he operati	ons-oriented	policies, met	hods, and	K3	
		CO6		sed by the retaile			1 /			
						1	1	1	1	_
	Pos/									
	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	
	CO1	2	2	2	2	2	2	2	2	_
		2	4	2	2	4	4	2	2	
	CO2	2	2	2	2	2	2	2	2	
	CO3	2	2	2	2	2	2	2	2	_
		2		2	4	4	4	4	4	
	CO4	2	2	2	2	2	2	2	2	
										_
	CO5	2	2	2	2	2	2	2	2	
				+ +						-
	CO6	2	2	2	2	2	2	2	2	
	Average	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
	Correlatio	on Levels	1. Slig	ht (Low)		oderate dium)	3.Su	bstantial	(High)	



## **UNIT-1 INTRODUCTION TO SALES**

Role of Selling in Marketing – Personal Selling, Salesmanship and Sales Manager, Types of Sales Personnel, Theories of Selling, Sales Management.

## **UNIT 2: NEGOTIATION AND BARGAINING**

Negotiation Strategies – Conflicts and Dispute resolution, Negotiation and Discussion Stages, Ethics in Sales, Influencing and Assertiveness Skills, Spotting the signs, The Bargaining and Closing Stage.

## **UNIT-3: SALES FORCE MOTIVATION**

Designing and Administrating Sales Force, Sales Force Compensation, Designing Incentives and Contests, Sales Forceasting, Sales Budget, Sales Quota, Sales Territory, Sales Force Productivity, Sales Force Appraisal.

## **UNIT-4: INTRODUCTION TO RETAILING**

Introduction to Retailing – Growing Importance of Retailing, Factors Influencing Retailing, Strategic Retail Planning Process, Retail Organization, Retail Models, Modern Retail Format in India, Retailing in Rural India.

## **UNIT-5: RETAIL STORES OPERATIONS IN INDIA**

Setting up Retail Organization, Retail Location Research and Techniques, Trade Area Analysis, Store Layout,

Objectives of Good Stores Design, Controlling Costs and Reducing inventory loss, Responsibilities of Stores Manager, Coding System, Logistics and Information System, Strategies, Retail Techniques & Promotion, CRM.

## **Textbooks :**

- 1. Still, Cundiff & Govani Sales management & Cases
- 2. McMurry & Arnold How to build a dynamic Sales Organisation
- 3. Berman, Barry and Joel Evans Retail Management
- 4. Cooper, J. Strategy planning in Logistics and Transportation

## **Reference Books:**

- 1. Pradhan, Jakate & Mali Elements of Salesmanship and Publicity
- 2. Anderson R Professional Sales Management
- 3. Cox, Roger and Paul Brittain Retail Management
- 4. Levy & Weitz Retailing Management



PROGRAM	MBA-Sh	ipping and Logistics management	nt			
Course Code :	Course I	Name:	L	Т	Р	С
CDOEMBE08D	STRAT	EGIC MANAGEMENT	3	0	0	3
Year and Semester	II (IV Se	mester)				
Course category	Elective					
Course Objective	1. To im	part concepts of Strategic Manag	ement			
	2. To une	derstand the Business decision m	aking by strate	egic plan		
		n knowledge about the vision mi				
		derstand and apply external envir				
		erpret the economic strategic opt				
Course Outcome	On succe	essful completion of the course, t	he students wi	ill be able to		
	СО		Course Outcom			BTL
	CO1	Explain the basic concepts Strate				K5
	CO2	Assess the different objectives, vi	U			K5
	CO3	Identify the internal and external		business		K3
	CO4	Examine the implementation of p				K4
	CO5	Explain the issues related in busi		ent		K5
	CO6	Apply the strategies to resolve th	e issues.			K3

Pos/ COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	-	-	-	-	2	2	2
CO2	2	-	-	-	-	2	2	2
CO3	2	-	-	-	2	2	-	2
CO4	2	2	-	-	2	2	2	2
CO5	2	-	-	-	2	2	-	2
CO6	3	2	-	3	2	2	2	2
Average	2.2	2.0	-	3.0	2.0	2.0	2.0	2.0
Correlatio	n Levels	1. Sligh	nt (Low)		derate lium)	3.Su	bstantial (l	High)



## **UNIT-1: BASIC CONCEPTS OF STRATEGIC MANAGEMENT**

Meaning of strategy and strategic management; Strategic Management Model; Characteristics of strategic management; Formality in strategic management.- Mission and mission statement; Vision; Strategic intent; Strategic objective vs. Financial objective; Policies; Long term and short term objectives.

## **UNIT-2: External Environment**

PEST analysis - political, legal, economic, socio-cultural, technological, ecological, and international environment analysis framework (individualism vs. collectivism, totalitarian system vs. democracy, common law vs. civil law system; Determinants of culture; State of technological stage; Impact of ecological and international factors); Industry and competitive analysis - Porter's five force model; Strategic group mapping; Monitoring competition.

## **UNIT-3: Strategic Options and Choice Techniques**

Porter's five generic strategies, Grand Strategies (concentration, market development, product development, innovation, vertical and horizontal integration, concentric and conglomerate diversification, retrenchment/turnaround, divesture, liquidation, bankruptcy, joint venture, and strategic alliance); Corporate level analytical tools - BCG and GE nine cell matrices; Business level analytical tools - grand strategy selection matrix and grand strategy cluster

## **UNIT-4: FORMULATION AND IMPLEMENTATION**

Matching existing organizational structure, leadership, and organizational culture with newly chosen strategy.-Functional plan - finance, marketing, HR, R & D, production operations, MIS, and general management work plan.

## **UNIT-5:STRATEGIC EVALUATION AND CONTROL**

Difference between strategic and operational control; Strategic control tools - premise control, strategic surveillance, implementation control, and special alert.

## **TEXT BOOKS :**

- Pearce, J. A., Robinson, R. B. and Mital, Strategic Management: Formulation, Implementation, and Control, Tata McGraw Hill, New Delhi.
- Hitt, M. A., Ireland, R. D., Hoskisson, R. E. and Manikutty, S. Strategic Management: A South-Asian Perspective. Cengage Learning, New Delhi

## REFERENCE

- Dess, G. G., Lumpkin. G. T. and Eisner, A. B. Strategic Management: Text and Cases. Tata McGraw Hill. New Delhi.
- Thomson, A., and Strickland, Strategic Management, Tata McGraw Hill, New Delhi.
- Relevant journal articles and cases.

## 12 Hrs

12 Hrs

## Total – 60 Hrs

## 12 Hrs

## 12Hrs

12Hrs



PROGRAM	MBA -Sh	nipping and Logistics Managem	ent			
Course Code :	Course N	ame :	L	Т	Р	С
CDOEMB403D	SHIPPIN	IG AND LOGISTICS	0	0	10	5
	PROJEC	CT				
Year and Semester	II (IV Sei	mester)				
Course category	Core					
Course Objective	1. To	understand the preparation of p	roject proposal			
•	2. To	identify an appropriate research	n methodology and th	e related literatu	ire review	
		understand the effective prepar		rument		
	4. To	learn the process of data collect	tion and analysis			
	5. To	prepare the report based on rese	earch findings			
Course Outcome	On succe	ssful completion of the course,	the students will be a	ble to		
	CO		Course Outcom	e		BTL
	CO1	Identify the ways of preparin	ng the project propos	al		K3
	CO2	Examine the relevant research	ch methodology base	d on literature r	eview	K4
	CO3	Identify the research instrum	nents for the research	problem		K3
	CO4	Explain the ways of data col	lection and data anal	ytical technique	s	K5
	CO5	Determine the project report	which fulfills projec	t objectives		K5
	CO6	Apply the concepts of project				K3

Pos/	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
COs	101	102	105	104	105	100	107	100
CO1	3	3	3	3	3	3	3	3
CO2	3	3	3	3	3	3	3	3
CO3	3	3	-	3	-	-	3	3
CO4	3	3	-	3	-	-	3	3
CO5	3	3	3	3	3	3	3	3
CO6	3	3	3	3	3	3	3	3
Average	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Correlatio	n Levels	1. Sligh	nt (Low)		derate lium)	3.Sul	bstantial (]	High)



## MBA – Shipping and Logistics Management

## Guidelines for preparing a project report

- 1. <u>Criteria for selecting the topic for project report</u>: Project can be undertaken on any of major functional areas viz., Shipping, Logistics, Supply Chain Management, Marketing, Human Resource Management, Finance and Operations/Production Management in Shipping and Logistics organisations.
- 2. Preparation of project report:
  - (a) **Title of project work**: This should convey general issues that interests the organisation. The title should not be generic in nature and should imply that the work is being made to be able to make certain conclusions.
  - (b) **Objectives:** Objectives of the report should be clearly mentioned.
  - (c) **Methodology**: Students should specify the methodology that they are going to adopt to carry out the project. The project report can be either based on primary data collection methods or secondary data collection methods. If primary data will be used then questionnaires, charts, diagrams etc., should be employed. In case of secondary data, literature review of already existing literature on the related topics should be given prime importance.
  - (d) Format of report for submission
    - The full content of the report must be hard bound together so that the pages cannot be removed/replaced.
    - The cover of the report must contain title, name of the candidate, name of the programme and the year of submission.
    - Text pages should be printed on one side of the paper, preferably with 1.5 line spacing, and page numbers at the bottom of each page.
    - Each chapter should start from a new page.
    - Separate index sheets should be used for all chapters.
    - The project report must be around 50 100 pages.
    - The project report should contain the following parts.
      - a) Title page
      - b) Certificate from the Guide
      - c) Acknowledgements
      - d) Executive Summary
      - e) Table of contents
      - f) List of abbreviations used in the report
      - g) List of illustration and tables
      - h) Main text(Chapters)

Reference material-appendices, glossary, references, bibliography.