



TN APEX SKILL DEVELOPMENT CENTRE FOR LOGISTICS (TNASDCL)

OPERATIONAL LOGISTICS SKILL TRAINING PROPOSAL TO ARTS COLLEGES - COIMBATORE REGION FOR DEGREE PURSUING STUDENTS



**Indospace Industrial Park Phase II,
165, Vembakkam Village, Walajabad Road, Oragadam,
Kanchipuram District, 631604**

CONSORTIUM PARTNERS :



ABOUT US



- **Tamil Nadu Apex Skill Development Centre for Logistics (TNASDCL)** is a section 8 company with 50:50 PPP initiative between **Tamil Nadu Skill Development Corporation (TNSDC)** and a consortium consisting of **Logistics Sector Skill Council (LSC)**, **TVS Supply Chain Solutions**, **Association of Multi-modal Transport Operators of India (AMTOI)**. The mandate is to meet the skilled manpower requirement pertaining to various sub-sectors in the Logistics and Supply chain



- TNASDCL Registration Details

MSME Reg No - UDYAM - TN - 24 - 0014365	80G - AAHCT9797RF20223
NAPS - BTP No - 1924159	12AA - AAHCT9797RE20217
SKILL INDIA - TP125169	TNSDC - TP - TH2021 - ST004C20
GSTIN - 33AAHCT9797R1Z2	PAN - AAHCT9797R

BOARD OF DIRECTORS



- **Principal Secretary to Govt., Special Programme Implementation Department- Chairman**
- **Managing Director, Chennai Metro Rail Limited - Director**
- **Managing Director, Tamil Nadu Skill Development Corporation - Director**
- **Deputy Director (BPE), Govt. of Tamil Nadu**

Mr. RAVIKANTH YAMARTHY

CEO, Logistics Sector Skill Council

Mr. RAMACHANDHRAN DINESH

Executive Vice Chairman,
TVS Supply Chain Solutions Ltd

Mr. SHANTANU SHRIRAM BHADKAMKAR

Director, Association of Multi Model
Transports Operators of India

Mr. GIRIDHARAN RAMASUBRAMANIAN

Managing Director,
TN Apex Skill Development Centre for Logistics

NAAN MUDHALVAN - INAUGURATION

KALAIVANAR ARANGAM - CHENNAI



Thiru R Giridharan,
Managing Director,
TN Apex Skill Development Centre for Logistics

md@tnasdcl.in;

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MoU with TNSDC and Naan Mudhalvan






MEMORANDUM OF UNDERSTANDING

BETWEEN

TAMILNADU SKILL DEVELOPMENT CORPORATION

AND

TAMIL NADU APEX SKILL DEVELOPMENT CENTRE FOR LOGISTICS

FOR

UNDERTAKING SKILL DEVELOPMENT TRAINING UNDER NAAN MUDHALVAN

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This Memorandum of Understanding (MoU) is made at Chennai on 29th day of August of the year 2022

BETWEEN

Tamilnadu Skill Development Corporation having its head office at 1st Floor, Employment office, Gandhi Rd, Idukki, Vikas Industrial Estate, Guindy, Chennai - 600 032, India, represented by **Prof. J. Innocent Diga, IAS**, Managing Director, Tamilnadu Skill Development Corporation, (hereinafter referred to as 'TNSDC') which expression shall, unless repugnant to the context or meaning thereof, include its successors, associates and administrators in office, legal representatives and permitted assigns on the **FIRST PARTY**.

AND

TN APEX SKILL DEVELOPMENT CENTRE FOR LOGISTICS (TNASDCL), a not-for-profit section 8 company, registered under companies act 2013. TNASDCL is having its registered office at Govt. IT campus, Idukki, Vikas Industrial Estate, Guindy, Chennai, Tamilnadu, 600032. TNASDCL is having the training centre at **Chennai Logistics Park, Chokkikulam, Kancheepuram Dist.**, represented by its Managing Director, **Mr. R. Girdharan** (hereinafter referred to as 'second party'), which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include the Institute's Secretariat (created for implementation, execution and administrators of the **SECOND PARTY**).

THE MoU WITNESSED AND THE PARTIES HERETO AGREE AS FOLLOWS:

I. PREAMBLE / BACKGROUND / OBJECTIVE

The First Party is interested in partnering with the second party in implementing Skill Development Training Programs in the topics of Supply Chain Logistics and all its related sub-sectors.

Both parties in the common interest of providing offline trainings to the participants who wanted to upskill their knowledge in the areas of interest through workshops, contact classes, seminars etc. The topics and content of the of the same would be mutually discussed and decided by both the parties depending on the market demand.

II. PURPOSE

- The objective of this MoU is to undertake relevant skills upgradation via training programs in the existing / emerging sectors for the candidates/ students/ faculty in the state of Tamil Nadu through the Naan Mudhalvan Portal of TNSDC by providing free courses.
 - To provide domain specific skill assessment modules to the users and help them understand their skill gap.

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OUR COMPANY FOCUS



We conduct

1. Executive Development Programs for the Industries
2. Job Oriented Finishing School program for Diploma/Graduate Students and Support
3. Recognition of Prior Learning Assessment and Certification
4. Consultancy

Services to Industries:

1. National Apprenticeship Promotion Scheme implementation in the industries
2. Basic Training Provider

COMPANY OBJECTIVE

TNASDCL shall

- Evolve into Centre of Excellence
- Co-ordinate with industry for course content development in the sector
- Nodal Institute for Training of Trainers (ToT) in the sector
- Co-ordinate and network with existing training providers to achieve standards
- Guide the training centers in the sector to upgrade in training infra and training content delivery systems
- Co-ordinate with Govt. / Quasi Govt. agencies to effectively utilize existing infrastructure and manpower to enhance training capacity
- Facilitate the industry linkages for apprenticeship and other on the job training initiatives of the industry
- Collaborate with international academic and vocational institutes to develop training modules to impart hi-end skill training
- Organize specialized corporate training programs to cater to in-house training needs of industries

**TN APEX SKILL DEVELOPMENT CENTRE FOR LOGISTICS****Course Module Outline – Operational Logistics**

Target Group	Pursuing Arts Students
Branch	BCom, Economics and Management stream
Partner	TNASDCL

Course Name	Operational Logistics	Course Fee	Rs. 500
Course Code	TNASDCL-008	Handouts	TNASDCL-HO-008
Mode of Learning	Off-Line	Total Duration of the Training	30 Hours

Course Objectives:

1. The objective of the course is to :-
 - a. Offer an industry relevant, application oriented skill development course to students.
 - b. Acquaint the students with the competency needs of the industry.
 - c. Expose students to different Operational aspects of Logistics and Supply Chain.
 - d. Understand the concepts of logistics, 3PL, 4PL and intermodal transportation.
 - e. Acquaint them with basic knowledge of warehousing, freight forwarding and different type of transportation methods
 - f. Understand the formalities of custom and clearing of goods and procedures of Bill of Entry
 - g. Understand the concepts of export and import documentation and International Commercial Terms



Course Content:

2. The course content is split into 5 Units (a-e);
 - a. Objectives, Role of Logistics operations and system concept
 - i. Overview & Description - Introduction - Logistics: A System Concept - Logistics Functions - Logistics Management - Objectives - Role of Logistics in the Supply Chain - Transport Corporation of India - Indian Road Freight Index - Catalysts for Outsourcing Trends - Benefits of Logistics Outsourcing - Third Party Logistics - Fourth Party Logistics - Career & Growth in Logistics and Supply Chain – Summary
 - b. Inventory and Warehousing operations
 - i. Unit Overview & Description -Inventory Management and Supply Chain - Inventory Functionality - Inventory Related Cost - Inventory Controls - Case Study
 - c. Freight and Transportation operations
 - i. Unit Overview & Description - Freight Management - Transportation Networks - Containerization - Logistical Packaging for Cars - Summary
 - d. Information Technology in Logistics operations
 - i. Unit Overview & Description - Information Technology and Logistics - Consignment Note – Enterprise Resource Planning Systems – Logistics Management Information systems - Sea Borne Trade and Ports in India - Summary
 - e. Export and Import, INCOTERMS and Freight Forwarding operations
 - i. Overview & Description - Statutory Provisions Dealing Transport - Object of Multimodal Transportation Act 1993 – Appeal - Contents of Multimodal Transport Document - Motor Vehicles Act 1988 - Driving Rules - Insurance – EXIM documentation – EXIM cargo movement – Customs clearance – Verify GST application and documents Summary

Course Outcomes:

3. End of the course; the students would be :
 - a. Able to perform basic EXIM operations in office, customs clearance at field and freight forwarding.
 - b. Carry out basic operational functions of in warehouse and working with knowledge of reverse logistics and intermodal transportation.
 - c. Able to prioritize and execute tasks within scheduled time limits.
 - d. Understand and follow the basic corporate practices.

For Further Readings:

GST Rules – Export policies – Cold Storage – Rail Logistics – MoRTH schemes and projects – RFID in Tracing and Tracking – Block Chain Application – Fintech Solutions – Bill discounting and Banking schemes



STUDENT COURSES



4. Industrial visit
 - a. May be facilitated according to the date/time availability of the industries.
 - b. Expenditure would be charged separately at cost.
 - c. Students have to follow the norms of the industry during the visit.

5. Learning from leading experts
 - a. Direct sessions (online) with experts from different industries and OEM.
 - b. To understand the application aspects in industry scenarios.

6. Case-Studied Based Learning:
 - a. Assignments on different real world industrial case studies will be given.
 - b. The students are expected to submit the assignments on time for evaluation.

7. Job Category:
 - a. The students on completion of the course may find job opportunities in the Logistics and Supply Chain industry in the designation as Executive / Associate / Technician.



INDUSTRY USE CASES

1. Taking the case of Dabbawalas of Mumbai discuss the following points in the class room.
 - b. Evolution
 - c. Preparation of lunch boxes.
 - d. Man power & its management.
 - e. Identification of dabbas for its consumer & its confirmation.
 - f. Warehousing of dabbas.
 - g. Information of lunch box delivery man.
 - h. Collection of boxes after its delivery.
 - i. Uninterrupted supply in odd weather and season.
2. Discuss / Role model on a nearby company in your town / city and prepare a note on its customer information flow for its demand to be processed.
3. Discuss / Role model on a business unit / company nearest to your town / city and prepare a note on logistics system concept adoption activity.
4. Discuss the case study of Tata Motors Ltd. in the classroom and tell students how to improve inventory management.
5. Discuss / Role model a warehouse of any product in your city / town and prepare a note on inventory cost involved in the product so that it can be discussed in the classroom.
6. Discuss / Role model a Pharma Store and prepare a note on selective control technique like ABC & VED used by the store for its product to discuss in the classroom.
7. Discuss / Role model a packaging company in your city / town and prepare a note on material used in making different package to discuss in the classroom.
8. Collect pictures of different containers through various media and paste in a file. Discuss it in the classroom telling its utility.
9. Prepare a note on different types of packets found in home while buying goods and discuss the material used in making it.
10. On the basis of utility of following technology in different industries. Discuss it in the classroom
 - a. GPRS
 - b. Barcode
 - c. RFID
 - d. IoT
11. Discuss / Role model a transport company in your city / town to collect the transport documents and discuss its uses in the classroom.



12. Prepare a case on export documentations and discuss the classification of following:

- a. Commercial
- b. Statutory
- c. Documents for claiming export benefits

13. Visit nearby railway station in your city / town and prepare a note on how goods carriage is done through multimodal transportation.

Proposed Timeline:

NAAN MUDHALVAN PROJECT TIMELINE

Jan	Jan 20	Kick off Meeting from Naan Mudhalvan and to all faculties through virtual sessions. Publishing of training calendar	Virtual
	Jan 23 - 28	FDP sessions & Students course mapping	Physical
Feb	Week 1	Direct training sessions at colleges, UNIT 1	Physical
	Week 2	UNIT 2	Physical
	Week 3	UNIT 3	Physical
	Week 4	UNIT 4	Physical
Mar	Week 1	UNIT 5	Physical
	Week 2	13 industry use cases/ problem statements to be given to students. A team consisting of maximum 3 students will choose one unique industry use case (out of 13) in a college. Industry use cases or project to be split-up into 5 tasks with defined learning outcomes and assessment.	Physical
	Week 3	Tasks – Assessment	Physical
	Week 4	Overall program report	Physical
Marks: 70% Weightage to the Practical Assessment. 30% Weightage to the MCQs. (Online Mode)			



Mark Distribution	
Details	Marks
Objectives, Role of Logistics operations and system concept	10
Inventory and Warehousing operations	15
Freight and Transportation operations	15
Information Technology in Logistics operations	15
Export and Import, INCOTERMS and Freight Forwarding operations	15
Total	70

*Additional weightage can be given if the students can innovatively address the regional social problem over and above the given industry use case.

Support Channel details to be provided :

1. Faculty Reference Guide
2. Email Support
3. Physical visit to colleges if required

Reports :

1. Training session data
2. Attendees data
3. Email support data
4. On ground follow-up data

***Note: Report needs to be sent on weekly basis**

Contact us : www.tnasdcl.in

Project Team:

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