



# **TRANSPORT DEPARTMENT**

**POLICY NOTE  
2019-2020**

**DEMAND NO. 48**

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**Minister for Transport**

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**GOVERNMENT OF TAMIL NADU**  
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# **TRANSPORT DEPARTMENT**

## **POLICY NOTE**

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### **CHAPTER-1**

#### **Introduction**

**1.1** Tamil Nadu has been in the fore front of the country in providing an efficient Public Transport. Transport facilities are a basic ingredient of a modern society in not only helping them travel but also it plays a pivotal role in the economic development of the region. Transportation encompasses all modes of transport. With the transportation sector moving from availability to accessibility and public satisfaction, the State has also transformed its approach and is addressing the transportation challenge holistically and effectively. Transportation covers passengers, freight transportation, road, train, air modes of

transportation and encompasses private quasi-Government and Government run facilities. The focus of the Transport Department of the State is on

- i) Public transportation through its fleet of buses.
- ii) Land acquisition for rail and air transport needs in coordination with respective departments.
- iii) Taking new initiatives which are sustainable and environment friendly including e-vehicle initiatives and sustainable mobility policy.

**1.2 Organisation setup of Transport Department:** The following organizations are functioning under the administrative control of the Transport Department which is headed by the Principal Secretary to Government assisted by 76 administrative staff which includes 2 Deputy Secretaries, 4 Under Secretaries along

with 2 officers and 6 staff in the Chairman's Office.

- (i) Seven State Transport Corporations. (Orders have been issued to merge two Corporations and the process is underway.)
- (ii) Tamil Nadu Transport Development Finance Corporation Limited (TDFC).
- (iii) Institute of Road Transport (IRT).
- (iv) Pallavan Transport Consultancy Services Limited (PTCS).
- (v) Motor Vehicle Maintenance Department (MVMD).
- (vi) Tamil Nadu State Transport Corporation Employees Pension Fund Trust.

The seven State Transport Corporations providing inter-state and intra-state transport services in the State are as below:

- (i) Metropolitan Transport Corporation (Chennai) Limited, Chennai.
- (ii) State Express Transport Corporation Tamil Nadu Limited, Chennai.

- (iii) Tamil Nadu State Transport Corporation (Villupuram) Limited, Villupuram.
- (iv) Tamil Nadu State Transport Corporation (Salem) Limited, Salem.
- (v) Tamil Nadu State Transport Corporation (Coimbatore) Limited, Coimbatore.
- (vi) Tamil Nadu State Transport Corporation (Kumbakonam) Limited, Kumbakonam.
- (vii) Tamil Nadu State Transport Corporation (Madurai) Limited, Madurai. (Tamil Nadu State Transport Corporation (Tirunelveli) Limited, Tirunelveli is being merged into Tamil Nadu State Transport Corporation (Madurai) Limited, Madurai.)

The Principal Secretary to Government, Transport Department is the Ex-Officio Chairman of all State Transport Corporations and the Chairman-cum-Managing Director of the Tamil Nadu Transport Development Finance Corporation Limited.

## CHAPTER-2

### **State Transport Corporations at a glance**

**2.1 Looking Back:** Tracing the origin, looking at the present realistically, viewing the future optimistically and planning for it in a visionary way enables an organisation to move in the right direction. The pillar of the Transport Department has been its transport corporations, which provide various types of services like City or Town buses, Mofussil, Express and Ghat services. Efficient and safe transport operation has been the motto of the State Transport Undertakings. Further, as already mentioned in Chapter-1, the Transport Department is also the co-ordinating department in the State Government in respect of projects implemented by the Southern Railway and the Civil Aviation Department of the Government of India within the State of Tamil Nadu.



## **2.2 History of Tamil Nadu State Transport**

**Corporation:** It is learnt that in 1944 after the second world war, the British led Central Government of India appointed a committee to analyse and report the status of public transport in the country. The committee so appointed analysed the transport system all over India and found that a majority of the private operators in the transport sector were aiming at profit maximization only, ignoring public interest. The committee forwarded its report to the Government in 1946 recommending the nationalisation of the transport sector in the better interests of the nation. The then Government of India accepted the recommendations of the committee and is said to have passed an order to all the States in India to nationalise the transport sector. On the basis of the order issued by the then Central Government, the then Madras Presidency passed an order on 24.03.1947 to nationalise

239 private buses which were operated in Chennai, the capital of the State. As per the order of the Government, all the buses operated in Chennai were nationalised gradually before July 1948 and named as Government Bus Service. After reorganisation of the States, the name "Government Bus Service" was changed into "State Transport Department". On 01.11.1956, the Kanyakumari District was also merged with the State Transport Department of Chennai. The State Transport Department which was functioning in Madras and Kanyakumari entered into an agreement with the State of Karnataka and the first express transport service between Madras and Karnataka was started in August 1959. Since the operation of transport service between Madras and Karnataka was a grand success in the history of the two regions, there were enough demands from the people of the State of Madras to operate such express services locally and as a result of such popular

demand, Express Transport service was started for locations exceeding 120 Kms from Chennai, connecting all the district headquarters of the State. Extending the transport service in the entire region was enabled by this initiative of the Government.

**2.3** Subsequently, the State Transport Department was divided into Chennai, Salem, Tiruchirappalli and Kanyakumari for its effective functioning and four Joint Directors were appointed under the Director in Madras to look after the effective functioning of the departments in these four sub-regions. In 1968, the State Government appointed a high level committee to analyse the efficiency of the Tamil Nadu State Transport Department. The committee recommended that transport service should not be directly under the control of the Government and that the department could take the shape of a limited corporation. Such an

initiative, it was recommended would enable the transport sector in Tamil Nadu to function efficiently with its economic and service objectives. On the basis of the above recommendations, the erstwhile Tamil Nadu State Transport Vehicles and administration operated in Chennai and Chengalpattu were brought under the Companies Act, 1956 and named as Pallavan Transport Corporation Limited. The establishment of Pallavan Transport Corporation Limited paved the way for the inception of other Corporations.

**2.4 State Transport Corporation:** The State Transport Corporation of Tamil Nadu have a fleet strength of 21,542 buses including 2,053 spare buses as on 31.03.2019. The number of scheduled services as on 31.03.2019 is 19,489. The operational area of the State Transport Corporations extends to the neighbouring States of Karnataka, Andhra Pradesh, Kerala and the

Union Territory of Puducherry. All State Transport Corporations operate an average of 85.23 lakh kilometres per day. As on 31.03.2019, the total staff strength including reserve is 1,31,298. Due to sustained measures taken to improve the performance of the transport corporations, the performance indicators have shown a positive trend. Fuel efficiency of 5.25 KMPL in March 2011 has been increased to 5.33 KMPL during March 2019. Kilometre run per condemned tyre of 1.65 lakhs KM in March 2011 has increased to 2.37 lakhs KM in March 2019.

## **2.5 Units of State Transport Corporations:**

The State Transport Corporation have the following Units.

<b>Depots (Rural and Urban)</b>	<b>Engine Reconditioning Units and Workshops</b>	<b>Bus Body Building Units</b>	<b>Tyre Re- treading plants</b>	<b>Fitness Certificate Units</b>
<b>322</b>	<b>20</b>	<b>23</b>	<b>18</b>	<b>51</b>

**2.6** After 2011, the Government of Tamil Nadu has revised the bus fare only once during the past eight years. A comparative statement of existing fares with other States is given in the tables below: -

**Bus Fare in 2011:**

(In Paise per Km)

State	Fare Effective from	Mofussil (Ordinary)	Express/ Semi Deluxe	Super Deluxe	Ultra Deluxe	Air-conditioned
Tamil - Nadu	18.11.2011	42	56	60	70	90
Andhra Pradesh	16.07.2011	50	62	82	82	140
Kerala	08.03.2010	55	57	65	90	90
Karnataka	26.06.2011	46.44	68.71	83	105.16	137.72

**Bus Fare in 2019:**

(In Paise per Km)

State	Fare Effective From	Mofussil (Ordinary)	Express / Semi Deluxe	Super Deluxe	Ultra Deluxe	Air-conditioned	Volvo
Tamil - Nadu	29.01.2018*	58	75	85	100	130	170
Andhra Pradesh	24.10.2015	63.70	87	98	116	146	182
Kerala	01.03.2018	75	78	85	100	120	145
Karnataka	10.01.2015	59	90	112	131	177	190

\* Initially the rates revised on 20.01.2018, however modified on 29.01.2018.

**2.7 Bus services operated by the State Transport Corporation:** The table below give the details of the various bus services operated by the State Transport Corporations to the travelling public as on 31.03.2019.

Chennai Metro – City services	3,439
Town Services (in Districts)	6,646
Mofussil services	7,825
Ghat services	497
<b>Express services</b>	
Inside State	632
Outside State	450
Total Services	19,489
Spare Buses for total services	2,053
<b>Total Fleet Strength</b>	<b>21,542</b>

**2.8** The Physical Performance Indicators from 2011-2012 to 2018-2019 may be seen from the table below:

Item	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Fleet Strength	21,207	22,053	22,501	22,474	23,078	22,533	21,744	21,542
Scheduled Services	19,507	20,500	20,684	20,684	20,839	20,776	19,490	19,489
Total Kilometres operated per day (in lakhs Kms)	88.44	89.78	91.20	90.21	94.02	92.55	87.22	85.23
Breakdown/10,000 Km	0.01	0.01	0.01	0.004	0.004	0.004	0.003	0.002
Accidents/1,00,000 Km	0.22	0.20	0.20	0.18	0.18	0.16	0.15	0.14
Fatal accidents	1,237	1,233	1,187	1,165	1,258	1,209	1,085	1,033
No. of persons dead in accidents.	1,397	1,382	1,318	1,331	1,460	1,373	1,247	1,159
Fuel Performance (KMPL) Average	5.25	5.27	5.26	5.30	5.29	5.33	5.33	5.33
Km run per condemned tyre (in lakh kms)	1.65	1.80	1.82	1.92	2.01	2.08	2.22	2.37
Men per bus	6.40	6.31	6.43	6.48	6.52	6.51	6.82	6.53

**2.9 Operational cost:** The percentage of cost components during the year 2018-2019 are as follows:



<b>Sl. No.</b>	<b>Components</b>	<b>Percentage</b>
1.	Salary	53.58
2.	Diesel	29.32
3.	Repair and Maintenance	2.76
4.	Depreciation	1.58
5.	Interest	8.45
6.	Taxes	1.45
7.	Others (EB, Stationery, etc.,)	2.86
	<b>Total</b>	<b>100.00</b>

**2.10 Revenue of State Transport Corporation:** The State Transport Corporation have been incurring additional expenditures every year due to frequent diesel price hike, increase in the cost of spare parts, wage agreement, hike in D.A. to the employees etc. The total income details of the Corporations under broad heads for the past seven years are as follows:

(Rs. in crores) / per day

Year	Bus collection per day	Other Revenue	Total income
2012-13	19.87	3.01	22.88
2013-14	20.12	4.59	24.71
2014-15	20.50	4.41	24.91
2015-16	20.76	2.77	23.53
2016-17	20.76	4.91	25.67
2017-18	21.41	5.27	26.68
2018-19 (Pre Audit)	24.19	4.91	29.10

**2.11 Financial Assistance by the Government:** Over the past eight years (2011-2019), Government have sanctioned a sum of Rs.15040.09 crores towards Share Capital Assistance, Loans, Ways & Means Advances, Grant and reimbursement of Student Concession as tabulated below:

## i. Share Capital Assistance:

(Rs. in crores)

Year	New Bus	ETM machine	Reduce outstanding liability loan in the Books, as working capital /Improve Liquidity & gap Capital Expenditure	Total
2011-12	155.26	7.03	-	162.29
2012-13	150.00	24.63	-	174.63
2013-14	-	-	350.00	350.00
2014-15	125.00	-	228.00	353.00
2015-16	-	-	150.00	150.00
2016-17	150.00	-	-	150.00
2017-18	-	-	-	-
2018-19	712.54	-	-	712.54
<b>Total</b>	<b>1292.80</b>	<b>31.66</b>	<b>728.00</b>	<b>2052.46</b>

Government have also converted outstanding Ways and Means Advance and interest to the tune of Rs.3001.47 crores into Equity Shares.

## ii. Loans and Ways & Means Advances:

(Rs. in crores)

Year	New Bus	Bus Body Renovation	Motor Accident Claim Original Petition	Diesel	Wage Settlement and Bonus & DA arrear	Retired staff settlement	Total
2011-12	137.50	24.40	25.00	81.03	178.14	-	446.07
2012-13	-	-	13.91	-	-	-	13.91
2013-14	-	24.40	-	-	-	-	24.40
2014-15	81.61	-	39.73	-	-	-	121.34
2015-16	125.00	-	-	-	360.00	116.00	601.00
2016-17	57.34	-	-	-	198.45	-	255.79
2017-18	-	-	385.23	-	261.63	2247.39	2894.25
2018-19	125.00	-	-	-	325.47	487.55	938.02
<b>Total</b>	<b>526.45</b>	<b>48.80</b>	<b>385.23</b>	<b>81.03</b>	<b>1323.69</b>	<b>2734.94</b>	<b>5294.78</b>

### iii. Grant:

(Rs. in crores)

Year	Motor Accident Claim Original Petition	Diesel	CM award to accident free drivers	Total
2011-12	20.00	-	2.78	22.78
2012-13	20.00	200.00	2.78	222.78
2013-14	20.00	500.00	1.60	521.60
2014-15	20.00	600.00	2.78	622.78
2015-16	30.00	256.72	2.78	289.50
2016-17	30.00	617.17	5.88	653.05
2017-18	30.00	816.12	3.86	849.98
2018-19	30.00	333.08	3.00	366.08
<b>Total</b>	<b>200.00</b>	<b>3323.09</b>	<b>25.46</b>	<b>3548.55</b>

### iv. Reimbursement of Student Concession, Senior Citizen and other passes:

The Government have also sanctioned Rs.4084.30 crores towards student concessional reimbursement during the years 2011-2012 to 2018-2019 to all State Transport Corporations (except State Express Transport Corporation Tamil Nadu Limited). Rs.60 crores has been reimbursed to Metropolitan Transport Corporation Limited, Chennai towards Senior

Citizen passes and other passes issued by all State Transport Undertakings.

## **2.12 High Speed Diesel (HSD)**

**Reimbursement:** The Government have reimbursed Rs.200 crores for the year 2012-2013, Rs.500 crores for the year 2013-2014, Rs.600 crores for the year 2014-2015, Rs.256.72 crores for the year 2015-2016, Rs.617.17 crores for the year 2016-2017 and Rs.816.12 crores for the year 2017-18 till the fare revision made on 20.01.2018 in order to offset the price increase in HSD. Now, the Government have fixed the base price of diesel on 20.01.2018 (Fare revision) and permitted all State Transport Undertakings to reimburse additional cost above basic price. Accordingly, Rs.333.08 crores has been sanctioned for the year 2018-19. For the year 2019-20, Rs.250 crores has been provided in the Budget under this head.

## CHAPTER-3

### Road Safety Measures

**3.1** The Transport department is actively working on strategies to improve the safety record of the State Transport Corporations. The accidents have been analysed for its causes and constant training is being given to reduce and eliminate them. Issues such as more accident near boarding / alighting areas, higher frequencies in certain month and certain time of the day and its connection with the type of road and different category of users is also analysed.

#### **3.2 Measures to reduce the Road Accidents:**

The State Transport Corporations have taken the following effective steps to minimise road accidents.

- i. Regular training and co-ordination with other departments and stake holders initiated.

- ii. Hot spot have been mapped.
- iii. Use of cell phones and consumption of alcohol during driving is prohibited.
- iv. Surprise breath analysing tests by the squads of Transport Department / Corporations are being conducted to detect cases of drunken driving, if any and periodical regulatory monitoring by the department including through Police department.
- v. Crew rest rooms are being upgraded with modern facilities to ensure proper rest.
- vi. In the identified hot spot, with the help of Highways and Police Department, action is being taken to prevent accidents by improving roads, signage and traffic movements in accident prone areas, thereby preventing accidents.



- vii. The Chief Minister's Award are given to drivers to encourage accident free driving. The Government have sanctioned a total amount of Rs.25.46 Crores for this award during 2011–2019 as indicated below:

(Rs. in crores)

<b>Year</b>	<b>Amount</b>
2011-2012	2.78
2012-2013	2.78
2013-2014	1.60
2014-2015	2.78
2015-2016	2.78
2016-2017	5.88
2017-2018	3.86
2018-2019	3.00
<b>Total</b>	<b>25.46</b>

The details of fatal accidents for the past 6 years are as follows:

<b>Year</b>	<b>No. of Bus services</b>	<b>No. of Fatal accidents</b>	<b>Total No. of Fatalities</b>
2013-14	20,684	1,187	1,318
2014-15	20,684	1,165	1,331
2015-16	20,839	1,258	1,460
2016-17	20,776	1,209	1,373
2017-18	19,490	1,085	1,247
2018-19	19,489	1,033	1,159

There has been a reduction in the fatalities every year, since 2015-16 and the efforts will continue.

**3.3 Accident Claim Settlement Fund:** A separate Corpus Fund was created during the year 2010 with an intention to give compensation to the injured and legal heirs of the deceased who are affected in accidents involving State Transport Corporation buses in a

speedy manner. Accordingly, for the years 2010-2011, 2011-2012, 2012-2013, 2013-2014 and 2014-2015 respectively a corpus fund of Rs.40 crores was established with an yearly contribution of Rs.20 crores by the State Government and the balance Rs.20 crores proportionately by all State Transport Corporations. From the year 2015-2016, the amount of corpus fund was increased from Rs.40 crores to Rs.60 crores with an yearly contribution of Rs.30 crores by the Government and the balance of Rs.30 crores by all State Transport Corporations. The above Fund is administered by Tamil Nadu Transport Development Finance Corporation Limited, Chennai. To augment the fund with effect from 20.01.2018, a cess is collected from passengers in State Transport Undertakings buses for Accident Compensation, Accident prevention measures and Toll Fees as follows:

(In Rupees)

Sl. No.	Ticket Rate	Town	Mofussil
		Cess on Passenger	Cess on Passenger
1.	Upto Rs.25	1	1
2.	Rs.26 to Rs.50	-	2
3.	Rs.51 to Rs.75	-	3
4.	Rs.76 to Rs.100	-	4
5.	Rs.101 to Rs.200	-	5
6.	Rs.201 to Rs.300	-	6
7.	Rs.301 to Rs.400	-	7
8.	Rs.401 to Rs.500	-	8
9.	Rs.501 and above	-	10

The accident compensation from the above fund is disbursed as immediate settlement on consent in the following manner:

**i. Death case:**

(Rs. in lakh)

Age group	Amount
1 – 15	2.5
16 – 60	5.0
Above 60	2.5

## ii. Injuries:

(In Rupees)

1)	Minor – I Minor – II Hospitalisation (2 days)	10,000 25,000
2)	Head Injury & Permanent disability.	5,00,000
3)	Major Injuries and Fracture – 7 days hospitalization. Fractures – 4 days hospitalization.	2,00,000 1,00,000

The Government have also constituted a committee and also framed the procedure to be followed for quick settlement. As on 31.03.2019, the State Transport Undertakings have made direct settlement through this scheme in 28 cases for Rs.71.60 lakhs.

**3.4 Tamil Nadu State Transport Corporation Accident Compensation and Toll Fee Fund Trust:** As per the Government order, Tamil Nadu State Transport Corporation Accident Compensation and Toll Fee Fund Trust has been formed and Registered with the

Sub-Registrar Office at Ashok Nagar, Chennai. The Permanent Account Number (AADTT4509Q) for the Tamil Nadu State Transport Corporation Accident Compensation and Toll Fee Fund Trust has been obtained and applied for the 12A Registration with the I.T. Department. Further, a Committee has been formed to frame the Rules and Regulations for the activities of the Trust and the same has been sent for Vetting by the Advocate and to carry out the activities of the Trust Bank Account. Accordingly, as resolved in the First Trust Meeting held on 15.03.2019, a Saving Bank Account for the Trust as well as for the State Transport Undertakings have been opened and communicated to the Government.

**3.5 Lok-Adalat:** Simultaneously, the State Transport Corporations are also continuing efforts to settle the claims of accident compensation cases from the Corpus Fund through the Lok-Adalat. The settlement made by

the State Transport Corporations for the past 8 years are given below:

(Rs. In lakhs)

Year	No. of cases	Amount paid through Lok-Adalat
2011-2012	884	997.21
2012-2013	1,867	3,466.29
2013-2014	1,160	569.22
2014-2015	897	1,028.14
2015-2016	479	1,222.62
2016-2017	404	1,241.25
2017-2018	1,187	4,883.14
2018-2019	2,832	15,964.20
<b>Total</b>	<b>9,710</b>	<b>29,372.07</b>

The highest disposal in Lok-Adalat Settlements occurred on 14.07.2018 where 592 cases were settled with total amount of Rs.41.42 crores through the High Court & District Court out of which Rs.39.15 crores was paid to the victims.

## **CHAPTER-4**

### **Measures initiated for improving Public Services**

**4.1 Operation of buses:** As on 31.03.2019, 19,489 scheduled bus services are operated currently by the State Transport Corporations. During the year 2017-18, rationalisation of services was carried out effectively. Over servicing, unhealthy competition among State Transport Undertakings and less utilisation by commuters were analysed and 1,286 services were merged with other existing services. Similarly during 2018-19 action was initiated to rationalise 584 services which have been identified as uneconomical. This has been done without affecting service to any particular area or service based on social needs. On the other hand, for the benefit of the travelling public, the Government have also introduced 1,525 new routes across the State in the past 8 years.



**4.2 Introduction of new buses:** In the past eight years, the Government have ordered for the procurement of 12,153 new regular buses for replacement of very old buses for all State Transport Undertakings as listed in the table below. Besides, 208 Hill area buses and 300 Small buses have also been ordered by the Government during the period 2011-2019:

<b>Year</b>	<b>No. of buses</b>	<b>Hill area buses</b>	<b>Small Buses</b>
2011-12	3,000	-	-
2012-13	2,953	-	100
2013-14	-	208	-
2014-15	1,200	-	100
2016-17	2,000	-	100
2018-19	3,000	-	-
<b>Total</b>	<b>12,153</b>	<b>208</b>	<b>300</b>

**4.3 New depots:** As on 31.03.2019, total numbers of bus depots are 322. Out of 74 new depots for which construction has been taken up 43 depots have already been opened, 5 are nearing completion and in respect of others, action is being expedited.

**4.4 Introduction of Small buses in Chennai:** 189 Small buses in 82 routes with 21 Small spare buses are being operated by Metropolitan Transport Corporation (Chennai) Limited in and around the Chennai Metropolitan area. These Small buses which connect un-served areas with main road have been welcomed by the public.

**4.5 Ladies Special Buses:** 250 Ladies Special Buses in 73 routes in Chennai are operated during peak hours by Metropolitan Transport Corporation (Chennai) Ltd., Chennai for the benefit of women and children.

**4.6 Buses for Differently-abled: 10**

Differently-abled friendly buses have been introduced by this Government and are now being operated by the Metropolitan Transport Corporation (Chennai) Limited. This facility is proposed to be introduced in a phased manner in other State Transport Undertakings buses.

**4.7 Mini bus services in Hilly areas:**

In the un-served hill areas, Government have ordered for the procurement of 208 Mini Buses at a cost of Rs.35 crores and 79 Mini Buses have been put into operation.

**4.8 Buses with pantry-cum-toilet facility:**

Totally 16 buses with pantry-cum-toilet facility are being operated by the State Express Transport Corporation Tamil Nadu Limited. This type of buses are mostly welcomed by the public.

**4.9 Festival Special buses:** All State Transport Corporations have earned considerable revenue during the festival seasons. The details of special services operated and revenue earned for the past seven years are as follows:

(Rs. in crores)

<b>Year</b>	<b>Festival</b>	<b>No. of Special services operated</b>	<b>Total Revenue earned</b>
2012-2013	Deepavali	7,958	87.37
	Pongal	7,135	89.70
2013-2014	Deepavali	10,484	86.93
	Pongal	9,546	93.41
2014-2015	Deepavali	10,499	83.96
	Pongal	8,548	81.86
2015-2016	Deepavali	15,540	83.92
	Pongal	7,160	90.51
2016-2017	Deepavali	15,033	85.75
	Pongal	13,337	95.05
2017-2018	Deepavali	14,113	89.36
	Pongal	13,407	75.80
2018-2019	Deepavali	11,503	101.24
	Pongal	11,914	109.53

#### **4.10 Voluntary Blood Donation Scheme:**

16,888 employees of State Transport Corporations have registered their names under the Voluntary Blood Donation Scheme.

#### **4.11 Introduction of Battery Buses in Metropolitan Transport Corporation (Chennai) Limited:**

The Government have signed the "Clean Bus Declaration" on 28.03.2018 with C40 Cities Climate Leadership Group. By signing the declaration the Government signifies its support to shifting to low emission and ultra-low emission buses. Tamil Nadu is the first State in India to sign this declaration. Under the modernization and restructuring of Transport Undertaking Scheme, in the coming years, it is proposed to buy 2,000 electric buses and 12,000 BS VI buses in a phased manner. In the first phase, KfW, Germany will finance the procurement of 100 Electric buses. Out of this, 80 buses will run

in Chennai, 10 in Madurai and 10 in Coimbatore. Under the Green climate fund, Metropolitan Transport Corporation (Chennai) Ltd., Chennai has submitted a concept note and pre-feasibility report to the Ministry of Environment and Forest Department, Government of India for purchase of 250 Electric buses through NABARD funding.

**4.12 Introduction of Sleeper A/C in SETC Buses:** 34 A/C sleeper coach buses and 30 A/C Sleeper-cum-Seater buses have been introduced by the State Express Transport Corporation Tamil Nadu Limited, Chennai.

## **CHAPTER-5**

### **Fare concessions**

#### **5.1 Travel Concessions are provided for the following categories of persons:**

- i. Present and former Members of Parliament / Legislative Assembly and former Members of Legislative Council.
- ii. Accredited journalists / Media persons.
- iii. Freedom Fighters drawing Central / State Pension and Widows and Legal-heirs of Freedom Fighters drawing Central / State Pension / Aged Tamil Scholars / Participants in Language stirs and their Legal-heirs.
- iv. Cancer Patients and Differently-abled persons. (Deaf and dumb, blind, mentally retarded and epileptic patients).
- v. Drama Artists.

- vi. H.I.V. / AIDS patients.
- vii. Senior Citizen Bus Travel Pass - In all Metropolitan Transport Corporation Buses other than Air-Conditioned buses from 24.02.2016.

**5.2 Special Concession to Students:** To encourage school going children, the Government have granted the following free travel concessions in all State Transport Corporation buses (except State Express Transport Corporation Tamil Nadu Limited). This concession amount is reimbursed to the State Transport Undertakings by the Government.

- (i) All Schools including Private Schools recognised by the Government. (1<sup>st</sup> Standard – 12<sup>th</sup> Standard)
- (ii) National Child Labour Project.
- (iii) Government Polytechnics.



(iv) Government Industrial Training Institutes (ITIs).

(v) Government Arts and Science Colleges.

The above concession was extended to the following Educational Institutions from 2013-2014 onwards. This concession amount is reimbursed to the State Transport Undertakings by the Government.

- (i) Community Colleges.
- (ii) Government aided Private ITIs.
- (iii) Music Colleges.
- (iv) Chennai Corporation ITIs.

### **5.3 50% Travel Concession:**

- (i) Private Colleges.
  - (ii) Private Polytechnics.
  - (iii) Private Engineering Colleges.
- } Recognised by Government.

**5.4 Exchange of Tokens:** For the benefit of college students travelling to the Library and back to their residence, 60 exchange tokens are being issued by Metropolitan Transport Corporation Buses.

**5.5 Students Concession reimbursement to State Transport Corporations:** The Government has sanctioned Student Concession amount towards reimbursement issue of Travel Concession passes to students studying in Schools / Colleges / Polytechnics / ITI etc., as below:

(Rs. in crores)

<b>Sl.No.</b>	<b>Year</b>	<b>Amount</b>
1.	2011-2012	438.97
2.	2012-2013	452.52
3.	2013-2014	452.96
4.	2014-2015	448.00
5.	2015-2016	480.00
6.	2016-2017	505.35
7.	2017-2018	541.78
8.	2018-2019	764.72
	<b>Total</b>	<b>4084.34084.30</b>

In the current financial year 2019-2020, a sum of Rs.766.85 crores has been provided towards the reimbursement of Student Concession amount.

**5.6 e-ticketing:** To encourage travelling public in State Transport Corporation buses, online e-ticket for long distance routes was introduced with effect from 03.10.2011. Booking through e-ticketing, on an average increased to 60.14% during 2018-2019.

**5.7 Travel as you please tickets on monthly basis:** Travel as you please tickets on monthly basis are being issued at Rs.1000/- per ticket under certain conditions to assist passengers who are travelling in Government Town Buses in Chennai, Madurai, Coimbatore, Salem, Tiruchirappalli, Tirunelveli, Vellore, Tiruppur, Erode and Thoothukudi Municipal Corporation areas.

**5.8 One Third Concession Bus Pass:** For the benefit of regular travellers, 1/3<sup>rd</sup> concession bus pass scheme was implemented in City / Town buses and it has been extended to mofussil buses from the year 2013-2014 and this scheme is welcomed by the regular travelling public.

**5.9 Group Ticket Concession:** 10% discount is given for reservation of tickets for 10 or more persons as a group in the State Express Transport Corporation Limited and other State Transport Undertakings buses from the year 2013-14. Till date, 26,788 such reservations have been done. 3,45,557 commuters have benefited and Rs.111.05 lakhs concession was availed by the commuters up to 31.03.2019.

**5.10 Online Electronic Ticketing Machine:** The GPS based online electronic ticketing

machine is useful to passengers and also to conductors for issuing tickets and accounting. It improves operational efficiency of the State Transport Corporations and ensures accountability. Under this scheme, 24,751 Electronic Ticketing Machines (ETM) have been introduced in all State Transport Undertakings with financial assistance of Rs.31.66 Crores sanctioned by the Government.

**5.11 Cancer patients:** In order to reduce financial strain of the Cancer patients, who are very poor and come from rural areas to the Institute for the treatment and follow-up, the Government have given travel concession while travelling in the buses of the State Transport Undertakings. The Government have reimbursed the concession amount to the State Transport Undertakings for the past five years the

concession amount reimbursed by the Government are as detailed below:

(Rs. in crores)

<b>Year</b>	<b>Amount</b>
2014-15	0.18
2015-16	0.18
2016-17	1.02
2017-18	0.59
2018-19	0.68

## CHAPTER-6

### Revenue Enhancing Measures

#### **6.1 Disposal of Condemned vehicles**

**(e-Auctioning):** M/s. Metal Scrap Trade Corporation Limited (MSTC), a Government of India Undertaking has been selected as the service provider to dispose condemned buses by e-Auctioning in order to obtain the best price for condemned buses and other scrap. Accordingly, 6,489 vehicles have been condemned in the past eight years (2011-2019) and Rs.85.97 crores have been earned by State Transport Corporations.

#### **6.2 Revenue through Advertisement:**

The State Transport Corporations have earned a sum of Rs.119.48 crores for the past eight years through advertisements boards in the buses.

**6.3 Motels:** During the journey, Hygienic food and snacks are being supplied at reasonable

price through tie-up with 25 Motels with infrastructure facilities such as additional bus parking, safe drinking water, modernized kitchen, dining hall and toilet facilities on the routes of long distance buses. For the past eight years, a sum of Rs.27.58 crores has been earned through such arrangements throughout the State.

**6.4 Parcel and Courier services:** The State Transport Corporations have earned a sum of Rs.4.06 crores for the past eight years through Parcel and Courier Service.

**6.5 Cost rationalisation among State Transport Undertakings:** In order to improve physical and financial performance of State Transport Undertakings by effective use of capital, to support ways and means of streamlining, to suggest optimum utilization of assets of State Transport Undertakings and to identify alternative measures to reduce cost,



Government had constituted a Committee of cost rationalisation among State Transport Undertakings. The Committee has submitted its detailed report to the Government and the recommendations are being implemented in a phased manner so as to build cost and revenue efficiencies in State Transport Undertakings.

## CHAPTER-7

### Employees Beneficial Measures

The State Transport Undertakings have a total strength of 1,31,298 staff. 537 employees are managerial staff, 54,042 drivers, 52,135 conductors, 16,043 Technical staff 1,530 Traffic Supervisors, 1,701 Technical Supervisors, 674 Administrative Supervisors and 4,636 Administrative and other categories. Several measures have been taken for the welfare of the employees as detailed below: -

**7.1 Filling up of vacancies: Vacancies have been filled by State Transport Undertakings, as detailed below:**

Year	Reserve Driver	Reserve Conductor	Technical	Compassionate ground appointment	Total Recruitment
2011-19	15,588	15,200	4,781	2,213	37,782

## **7.2 Regularisation of service of State Transport Corporation Employees:**

The State Transport Corporations have regularised daily paid employees in the category of driver, conductor and technical staff during the past seven years, as detailed below:

<b>Driver</b>	<b>Conductor</b>	<b>Technical</b>	<b>Total</b>
20,349	21,242	5,225	<b>46,816</b>

**7.3 Master Health Check-up:** The department gives utmost importance to the health and well being of the employees. Towards this end, the Master Health Check-up Scheme was started in 2012-2013 for the welfare of drivers of State Transport Corporations who are aged above 45 years. Subsequently, this scheme was extended to all employees from the year 2013-2014.

**7.4 Monetary benefits to the retired employees:** From 2011, a sum of Rs.2736.06 crores has been paid towards settlement of terminal benefits such as gratuity and surrender leave salary and a sum of Rs.1,370 crores has been paid towards Provident Fund to the retired employees of the State Transport Corporations. The details are as follows:

(Rs. in crores)

Year	Gratuity		Surrender Leave Salary	Total	Provident Fund	
	No. of Employees	Amount			No. of employees	Amount
2011-12	1,609	42.60	9.61	52.21	1,995	148.27
2012-13	2,292	82.10	17.17	99.27	3,229	61.90
2013-14	5,652	194.35	14.51	208.86	4,065	97.91
2014-15	1,664	68.76	2.16	70.92	4,490	129.59
2015-16	3,108	137.00	11.31	148.31	4,240	135.82
2016-17	2,491	182.90	61.83	244.73	3,810	138.18
2017-18	27,845	1,211.07	393.24	1,604.31	12,420	557.25
2018-19	3,527	204.91	102.54	307.45	5,147	101.08
<b>Total</b>	<b>48,188</b>	<b>2,123.69</b>	<b>612.37</b>	<b>2,736.06</b>	<b>39,396</b>	<b>1,370.00</b>

Efforts to speedy settle the remaining dues are also on.

### **7.5 TNSTC Employees Pension Fund Trust:**

The pension scheme was introduced to the employees of the State Transport Undertakings with effect from 01.09.1998 by the Government. The employees recruited on or before 31.03.2003 are covered under the above pension scheme. There are 1.28 lakh employees covered under the pension scheme. The Tamil Nadu State Transport Corporation Employees Pension Fund Trust is the nodal agency for implementing the scheme.

**7.6 Pension distribution:** The details of Pension distribution by Tamil Nadu State Transport Corporation Employees Pension Fund Trust for last eight years are as follows:

(Rs. in crores)

SI. No.	Year	No. of Pensioners	Pension amount paid
1.	2011-12	39,928	274.60
2.	2012-13	44,811	382.33
3.	2013-14	50,103	525.48
4.	2014-15	55,300	596.67
5.	2015-16	60,729	800.76

SI. No.	Year	No. of Pensioners	Pension amount paid
6.	2016-17	65,855	865.83
7.	2017-18	70,907	963.42
8.	2018-19	76,663	1,086.83

The Government have sanctioned the following funds towards the settlement of various statutory dues along with interest for the belated payment of terminal benefit to the retired employees during the year 2018-19, as detailed below:

(Rs. in crores)

SI. No.	Statutory dues	Amount
1.	Provident Fund	101.08
2.	Gratuity	204.91
3.	Surrender Leave Salary	102.54
4.	Commutation	79.03
	<b>Total</b>	<b>487.56</b>

**7.7 Welfare Schemes:** Following welfare measures are being implemented for the benefit of State Transport Corporation workers and their families:

- i. Service Weightage / Review benefits.
- ii. Leave benefits.
- iii. Steering Allowance.
- iv. Educational Assistance.
- v. Subsidised canteen facilities.
- vi. Free uniform and washing allowances.
- vii. Marriage Loan.
- viii. Reimbursement of legal fees.
- ix. Funeral expenses.
- x. Free Travel passes to the children for attending Colleges / Schools and 5,500 Km per year for family members.
- xi. Family Benefit Fund.
- xii. Holiday Home facility at Kodaikanal, Courtallam and Kanyakumari.
- xiii. New Health Insurance Scheme (as applicable to Tamil Nadu Government Employees).

- xiv. Festival Advance of Rs.5,000/-.
- xv. In the past eight years;
  - (a) Infrastructure facilities of Crew rest rooms have been upgraded at a cost of Rs.6.65 crores.
  - (b) Infrastructure facilities such as cement concrete platforms and improvement of maintenance shed in depots of all the State Transport Undertakings have been created at a cost of Rs.35.71 crores.



## **CHAPTER-8**

### **Skill development for drivers**

The department is conscious that continuous refresher training and skill development are the corner stone on which the accident free travel can be achieved. To this end, the department is taking the following efforts:

- i. An advanced Driving Research and Training Institute has been set up at a cost of Rs.15 crores at Institute of Road Transport, Gummidipoondi campus for imparting training to drivers.
- ii. Regular refresher training courses are conducted for drivers to reduce stress levels for accident free driving and for their good health.

- iii. Technical simulators are being used to give training to the drivers in Chennai, Tiruchirappalli, Pollachi and Madurai.
- iv. Seventeen driving schools are providing training for drivers in seven locations in the State.

It is expected that such refresher training, simulator training, driving schools and driving research and training institute will help in ultimately reducing the accidents and also improve the mileage, due to the improvement in the driving skills.

## CHAPTER-9

### State Transport Corporations

#### 9.1 Metropolitan Transport Corporation

**(Chennai) Limited, Chennai:** The Metropolitan Transport Corporation (Chennai) Ltd., Chennai (MTC) is functioning under the control of Managing Director. The head office is located at Pallavan Salai, Chennai. MTC is the largest Monopoly Public Transport Service provider in Chennai city and operates city services in the Chennai Metropolitan area and in the adjoining areas in Kancheepuram and Thiruvallur Districts.

- i. The Corporation is running ordinary, express and deluxe buses. As on 31.03.2019, the Metropolitan Transport Corporation (Chennai) Ltd., Chennai is functioning with 33 depots with a fleet strength of 3,679. It operates 3,439 scheduled services in 673 routes.

The total staff strength currently is 22,962. This corporation's two body building units are located at Chrompet.

- ii. In order to increase the number of bus depots based on the fleet strength, it was announced in the assembly that new depots will be constructed at Padiyanallur, Velachery, Kannagi Nagar, Mahakavi Bharathi Nagar, Besant Nagar, Adambakkam, Chrompet-2, Perambur-2, Kundrathur, Perumbakkam, Thaiyur, Thamaraipakkam and Gumudipoondi. New depots at Adambakkam and Besant Nagar were inaugurated by the then Hon'ble Chief Minister on 19.02.2014. 5 new depots Chrompet-2, Mahakavi Bharathi Nagar, Kundrathur, Padiyanallur and Semmenchery were inaugurated by the then Hon'ble Chief Minister on 12.10.2015. Kannagi Nagar Depot was inaugurated

on 04.03.2017 and Perumbakkam Depot was inaugurated on 04.07.2017 by the Hon'ble Chief Minister.

- iii. Small Buses were introduced in Chennai City in the un-served areas to link with the nearest transit hub. Efforts are being made to link it to facilitate multimodal transportation especially with the Metro and MRTS Station.
- iv. GPS compatible GPRS based online electronic handheld ticketing machine, are being utilized by conductors of all depots of MTC, to issue tickets to Passengers.
- v. Measures have been initiated for using of CMRL card in Metropolitan Transport Corporation (Chennai) Ltd., Chennai and work towards a common mobility card.

- vi. Measures are also being taken for GPS based Passenger information system through Mobile app and website

The Corporation has provided the following additional facilities for the benefit of the passengers:

- i. 68 Night services are being operated every day to connect important bus terminal in the city.
- ii. To provide comfortable travel for women and children 250 special buses in 73 routes are operated in all over Chennai city.
- iii. As per the orders of the then Hon'ble Chief Minister, separate rooms for Lactating Mothers have been set up at 27 Bus terminals of MTC and they are under use.

- iv. As per the orders of the then Hon'ble Chief Minister, Free travel in buses for Senior Citizens above 60 years was introduced from 24.02.2016 and on an average 43,674 passengers are travelling per day.

The Corporation is working with experts on optimising the bus services and preventing bunching of buses to ensure passenger satisfaction.

**9.2 State Express Transport Corporation Tamil Nadu Limited, Chennai:** It operates Intra and Inter-State services with headquarters in Chennai. It operates a total of 251 routes in which 112 Inter-State routes and 139 Intra State routes are served. Inter-State routes cover Karnataka, Kerala, Andhra Pradesh and Puducherry. The current fleet strength is 1,133 buses in 22 depots. Its fleet includes ultra deluxe, air-conditioned buses, air-conditioned

sleeper coach buses, air-conditioned sleeper cum seater coach buses, non air-conditioned sleeper buses. The total staff strength is 5,541, which comprises categories like drivers, conductors, driver-cum-conductors, technical, technical supervisors, traffic supervisors, administrative staff, reserve crew and amma water staff and others.

**Facilitation Ticket Reservation:** e-Ticketing has been introduced similar to Railways and Airways in SETC / TNSTC Buses through Internet and Mobile phones for the greater convenience of passengers from 03.10.2011. The Corporation also provides for Online Ticket Reservation System (OTRS) in 76 Centers with 82 counters in Tamil Nadu and the neighbouring States of Andhra Pradesh, Kerala, Puducherry and Karnataka. For the benefit of Reserved passengers "Other End Return Ticket reservation



through online are also provided for the single routes where our counters are not available.

**New initiatives in the past few years:** For the First time in Tamil Nadu, SETC has introduced CLASSIC vehicles with Pantry and Toilet facilities with effect from 20.06.2013 in the route between Chennai and Srirangam for the benefit of aged persons, ladies and diabetic patients. On behalf of State Express Transport Corporation, Amma Drinking Water Plant has been established at the Institute of Road Transport, Heavy Vehicle Driver Training Wing campus, Gummudipoondi, Thiruvallur District in an extent of 2.47 acres. It has 306 selling points in 234 Assembly Constituencies and Amma Drinking Water 1 litre bottle is being sold at Rs.10/- per bottle. The CCTV surveillance has been installed in all the main places like bus stands, headquarters etc., for close monitoring of the passenger movement

and assess the traffic demand in the bus stands. To interact with and enable review of all the field officials daily through video conferencing, the Corporation have installed such facilities. 50 "PREMIUM SERVICES" with a specific branded name are earmarked and are operated in various potential routes. For the benefit of reserved passengers, the "PICK UP POINTS" have been provided in 13 places in major cities like Coimbatore, Tirunelveli and Nagercoil. In order to facilitate ease of travel to the general public during Deepavali 2018 and Pongal 2019, the operation of buses were split to make their travel hassle free and time saving. This received appreciation from the public and all the stake holders. As per the orders of the then Hon'ble Chief Minister, Separate Rooms for lactating mothers have been set up at 2 Bus terminals of SETC at Thanjavur and Coimbatore.

### **9.3 Tamil Nadu State Transport Corporation (Villupuram) Ltd., Villupuram:**

The Corporation is headed by a Managing Director. It has its headquarters in Villupuram. Regional Offices of this Corporation are functioning at Villupuram, Cuddalore, Tiruvannamalai, Vellore, Kancheepuram and Thiruvallur for monitoring the operation of services and it operates Town / City, Mofussil and Ghat services. The number of depots is 61. The fleet strength of the Corporation is 3,437 and it operates 3,166 scheduled services. The total staff strength is 22,412. The various types of services operated are ordinary, express, deluxe and air-conditioned buses. 11 new depots have been announced at Neyveli, Orikkai-1, Orikkai-2, Chetpet, Chinnasalem, Pernampet, Sholingar, Thirukazhukundram, Chengam, Kattumannarkoil and Elathur. Out of the above, new depot at Neyveli and Orikkai-1 have been inaugurated by the then Hon'ble Chief Minister on 19.02.2014.

Chetpet depot inaugurated by the then Hon'ble Chief Minister on 18.06.2015. Kattumanarkoil, Peranampet & Chinnasalem depots were inaugurated by the then Hon'ble Chief Minister on 12.10.2015. Orikkai-2 & Sholingar depots inaugurated by the then Hon'ble Chief Minister on 01.03.2016 and Chengam depot inaugurated by Hon'ble Chief Minister on 04.03.2017. Remaining will be constructed and inaugurated soon. 281 MCOP cases have been settled through Lok-adalat for Rs.37.36 crores by this corporation.

**Special Buses operation:** Special buses are operated in every Amavasai (to Melmalayanur), Pournami (to Thiruvannamalai), Adikirthigai (to Thiruthani), Thai Poosam (to Vadalur), Kuvagam, Chithirai Pournami, Deepam, Pongal and Deepavali occasions from operational jurisdiction according to the traffic need of travelling public. During the year 2018-19 upto

March 2019, the Corporation have earned special collection of Rs.11.37 crores through such services.

**Ghat Services:** This Corporation is operating 29 Ghat Services in the following routes for the convenience of people living in the Ghat Area. 10 buses operate in Kalvarayan, Serapattu and Vellimalai Hill area in Villupuram region. In Thiruvannamalai region, 3 buses operate in Jamunamarathur Hill area. In Vellore region, 16 buses to Puthurnadu, Elagiri, Velathikamanibenda, Arvatla, Jamunamarathur, Balamathi, Senganatham Hill area.

**Additional facilities to the passengers:** This Corporation is providing the following additional facilities for the benefit of the passengers.

- i. Branding of services are made to be known to the travelling public about the

type of buses as Ordinary, Express, Deluxe.

ii. **Point to Point vehicles**

**Conductorless Operation:** This Point to Point services are operated for the benefit of straight passengers in 6 Route courses from Villupuram, Kancheepuram, Puducherry, Vellore, Tiruvannamalai, Arani to Chennai. Initially it started with only 30 buses, but due to the positive response from the public, it has been increased from 30 to 67 buses resulting in per day establishment cost saving of Rs.3,450/- per bus, profit per vehicle per month is estimated at Rs.1.04 lakhs and profit for 67 vehicles in one month is estimated at Rs 69.35 lakhs amounting to Rs.8.32 Crores per annum.

- iii. **Air Conditioned Vehicles:** New type of Air conditioned vehicles with 3 x 2 seating pattern have been introduced. The details are as follows:

Route course	No. of buses	March 2019	
		EPKM	EPBPD
Tiruvannamalai – Chennai.	1	50.95	39476
Vellore - Chennai	1	54.35	34983
Average		52.65	

These vehicles have yielded a profit Rs.8.65 Per km and hence the Corporation have planned to increase such Air-Conditioned vehicle services strength from 2 to 50.

- iv. **Nitrogen Gas Plant:** In order to improve the tyre performance, Nitrogen Gas plant has been installed at 2 campuses each at Villupuram and Konavattam. This has resulted in 60% reduction of tyre punctures.

#### **9.4 Tamil Nadu State Transport Corporation**

**(Salem) Limited, Salem:** This Corporation is functioning with two Regional Offices viz., Salem and Dharmapuri and operating Town, Mofussil and Ghat services. Types of services operated are Ordinary and Express services. It has its headquarters in Salem. The total number of depots in this Corporation is 32. Fleet strength of this Corporation is 2,497 buses and it Operates 1,900 Scheduled services. Total Staff strength in this Corporation is 13,221. Bus Body Building Units are functioning at two places viz., Namakkal and Dharmapuri with a capacity of 10 buses per month respectively.

**Non-ticketing revenue:** This Corporation had earned additional revenue of Rs.47.74 Lakhs in 2018-19, through the parcel services in the buses. This Corporation had earned additional revenue of Rs.39.23 Lakhs in 2017-18 and Rs.38.35 lakhs in 2018-19, by stopping the



buses en-route in clean and hygienic motels for the benefit of passengers. This Corporation had earned additional revenue of Rs.119.82 lakhs in 2017-18 and Rs.130.87 lakhs in 2018-19, through permitting of commercial advertisement boards in the buses. This Corporation is selling "Amma Drinking Water" from 38 selling booths at important bus stands and traffic generating points in operational jurisdiction, which in turn has benefitted travelling passenger to the tune of Rs.46.41 lakhs in 2017-18 and Rs.39.21 lakhs in 2018-19.

**New services and special services during weekends and festival season:** This Corporation had operated new bus services to 8 villages in 2017-18 and 38 villages in 2018-19, by extending the routes with the existing services and thus benefiting 3,300 people in 2017-18 and 11,900 people in 2018-19. This Corporation has provided the

following special bus transport facilities for the benefit of the travelling passengers to the following tourist places as well as pilgrim spots.

- i. During weekends as well as important auspicious days, special bus facilities have been provided to the tourist places viz. Yercaud hills, Kollihills, Hogenakkal Cauvery river waterfalls and Mettur Dam situated across the river Cauvery.
- ii. During festival seasons, special bus facilities have been provided to the pilgrim places viz. Malai Madheswara Temple, Lord Easwaran Temples at Tharamangalam, Tiruchengode, Belur and Aragalur etc., Lord Murugan Temples at Kalipatty, Kabilar Malai etc., Lord Anjaneyar Temple at Namakkal etc.,

- iii. This Corporation is operating 30 numbers of conductor less buses in Salem – Coimbatore and Salem - Bengaluru sector.
- iv. This Corporation is operating 25 Ghat services to the hills area viz. Yercaud Hills, Kolli Hills, Kalrayan Hills (Vellimalai) and Nallamathi Hills (Pachamalai) for the convenience of people living in the Ghat area, and thus benefiting 14,190 tribal people and 796 school going tribal children.
- v. This Corporation is operating minibus services to “Doddamanji” in Denkanikotta forest, Mannur and Sembur in kalrayan Hills, Gundur and Manjakuttai in Yercaud Hills and thus benefiting 1,450 tribal people in this area.

### **9.5 Tamil Nadu State Transport Corporation (Coimbatore) Limited, Coimbatore:**

The operational jurisdiction of this Corporation is mainly covering Coimbatore District and the adjacent districts like Nilgiris, Erode, Salem and Valparai Hill areas apart from covering the adjoining States of Kerala and Karnataka. There are 45 depots for bus operation and 8 Divisional Offices for the management of the branches and four regions at Coimbatore, Udthagamandalam, Erode and Tiruppur which comes under the control of this Corporation. The Corporation has the following production units, such as paint unit, tyre re-treading plant, unit re-conditioning workshop, fitness certificate units and body building unit. The fleet consist of city operation (Town), mofussil operation (Inter-city) and inter-city hill and ghat hill operations. The fleet strength as on 31.03.2019 is 3,158 and the total staff strength is 17,709. This Corporation is having a training institute at Pollachi established

during 1978 to impart training to crew, technical staff, line staff and supervisory staff and another one at Bhavani Sagar in the Erode region. A bus driving simulator has been installed at the training institute at Pollachi to impart training to newly recruited drivers and existing drivers to improve their driving skills. As on date 6,564 drivers were imparted training in this unit. Another simulator has been purchased through the Institute of Road Transport under the Road Safety Fund and installed at the Bhavanisagar training institute to uplift the driving skills of the drivers. This Corporation has provided welfare measures to the Public in addition to passenger transportation.

- i. This Corporation has constructed and is maintaining bus stands at Valparai, Maruthamalai, Udthagamandalam and Gudalur.

- ii. For the convenience of the passengers, this Corporation is maintaining Motels at Barliar and Hasanoor.
- iii. For the convenience of passengers, pandals are provided wherever necessary, with drinking water and toilet facilities during fairs and festivals.
- iv. Like other State Transport Corporations, student concession passes (100% free passes upto +2 Standard, 50% concession passes - Above +2 Std and 1/3<sup>rd</sup> concessional passes other than students) are being issued every year.
- v. In addition to this, passes are given to the Freedom Fighters, physically challenged, people participated in the language stir and Press reporters as done by other State Transport Corporations. The Government have approved Drama troops to travel on concession fare.

## **9.6 Tamil Nadu State Transport Corporation (Kumbakonam) Limited, Kumbakonam:**

It has its headquarters at Kumbakonam. The regional offices of this Corporation are functioning at Kumbakonam, Tiruchirappalli, Karaikudi, Pudukottai, Nagapattinam and Karur for monitoring the operation of services. This Corporation operates Town and Mofussil services and has 60 depots. The Corporation's fleet strength is 3,601 buses and it operates 3,587 scheduled services in 3,648 routes. The total staff strength is 21,985. Like other Corporations, this Corporation too operates Ordinary, Express and Super Deluxe buses. This Corporation has bus body building Units at Poraiyar, Karur (Manmangalam), Karaikudi and Pudukottai with re-conditioning unit and re-treading plant at Kumbakonam, Tiruchirappalli, Devakottai and Pudukottai.

### **9.7 Tamil Nadu State Transport Corporation**

**(Madurai) Limited, Madurai:** Like other Corporations, this is also headed by the Managing Director with head quarter at Madurai and Regional Offices of this Corporation are functioning at Madurai, Dindigul and Virudhunagar for monitoring the operation of services viz., Town, Mofussil and Ghat Services. The total number of depots is 39, the fleet strength of the Corporation is 2,262 and it operates 2,166 scheduled services. The total staff strength is 14,819. The various types of services operated are Ordinary, Express and other category buses. This Corporation is having body building unit at Madurai, Batlagundu and Virudhunagar.

### **9.8 Tamil Nadu State Transport Corporation**

**(Tirunelveli) Limited, Tirunelveli:** The Corporation has its headquarters in Tirunelveli. Regional Offices of this Corporation are



functioning at Tirunelveli, Nagercoil and Thoothukudi for monitoring the operation of services and this Corporation also operates Town and Mofussil Services. The total number of depots are 30. The fleet strength of the Corporation is 1,775 and it operates 1,654 scheduled services. The total staff strength is 11,287. The various types of services are operated by this Corporation viz., Ordinary, Express, Super Deluxe and Ultra Deluxe buses. This corporation is having body building units at Tirunelveli and Nagercoil.

**Additional facilities for the benefit of the passengers:** This Corporation is operating buses to important pilgrim and tourist centres like Tiruchendur, Sankarankoil, Srivilliputhoor, Uvari, Kanyakumari and Courtallam. As per the orders of the then Hon'ble Chief Minister, Amma drinking Water scheme has been implemented in Tirunelveli, Thoothukudi and Kanyakumari

districts and sales booths have been provided in 18 bus stands to benefit the public. As per the orders of the then Hon'ble Chief Minister, separate Room for Lactating Mothers has been set up at Kanyakumari Bus stand of Tamil Nadu State Transport Corporation Limited, Tirunelveli, which is under use. Two night services in Tirunelveli city and one night service in Nagercoil Town are being operated daily. 53 additional trips for women and children are being operated in 24 buses of Tirunelveli, Thoothukudi and Nagercoil Regions.

## CHAPTER-10

### **Tamil Nadu Transport Development Finance Corporation Limited**

**10.1** Tamil Nadu Transport Development Finance Corporation Limited commenced functioning on 25.03.1975 with the objective of mopping up funds from general public for Capital and Working Capital requirement of the State Transport Undertakings by way of mobilising deposits without depending upon the budgetary support from Government. Tamil Nadu Transport Development Finance Corporation Limited has been registered as a Non-banking Finance Company with the Reserve Bank of India.

**10.2 Financial Performance:** Tamil Nadu Transport Development Finance Corporation Limited has been earning profit every year since its inception from 1975. The profit earned for the last 5 years are given below:

(Rs. in lakhs)

Year	Profit before waiver of interest	Waiver of interest to STUs	Profit after waiver of interest but before tax	Income tax	Profit after tax
2013-14	3444.00	2703.00	741.00	240.45	500.55
2014-15	3294.25	2509.00	785.25	269.69	530.48
2015-16	5283.29	4648.68	634.61	212.95	423.36
2016-17	7322.42	6469.00	853.42	282.17	571.25
2017-18	7996.71	6964.50	1032.21	357.23	674.98
2018-19 (R.E.)	10018.69	8865.00	1153.69	403.15	750.54
2019-20 (B.E.)	11247.85	9800.00	1447.85	505.94	941.91

**10.3 Deposits:** Tamil Nadu Transport Development Finance Corporation Limited, as a Government owned Non-Banking Financial Company (NBFC), enjoys the public confidence and trust of the public as an investment avenue. Total deposits with Tamil Nadu Transport Development Finance Corporation Limited as on 31.03.2019 was Rs.5016.48 crores.

**10.4 Interest rates on deposits:** The interest offered on deposits are revised based on market conditions as well as depending upon demand and repayment position of the State Transport Undertakings. Tamil Nadu Transport Development Finance Corporation Limited has increased or decreased the interest rates on par with the rates of other Government financial institutions. The present rate of interest on deposits is as follows.

<b>Period</b>	<b>Interest rate on deposits (Interest compounded monthly) From 16.05.2018</b>	
	<b>Public</b>	<b>Senior citizen</b>
12 months	7.50%	7.75%
24 months	7.75%	8.00%
36 to 60 months	8.25%	8.75%

**10.5 Deposit Schemes:** At present there are two schemes of deposits.

	<b>Scheme I (PIPS)</b>	<b>Scheme II (MMS)</b>
	<b>Periodic Interest Payment Scheme</b>	<b>Money Multiplier Scheme</b>
Minimum Deposit	Rs.10,000/-	Rs.10,000/-
Period (in months)	24,36,48 & 60	12, 24, 36, 48, & 60
Payment of interest	24 Months – Quarterly 36-60 Months – Monthly, Quarterly & Annually.	On maturity (interest compounded on monthly basis).

**10.6 Deposits under Girl Child Protection Scheme:** This is the scheme sponsored by the Government of Tamil Nadu along with the Department of Social Welfare. As on 31.03.2019, there are 97,785 depositors under Girl Child Protection Scheme with a sum of Rs.14.82 crores as deposits.

**10.7 Funds of the Company:** The total resource base of Tamil Nadu Transport

Development Finance Corporation Limited, as on 31.03.2019 is given below:

(Rs. in crores)

Share Capital –		
(a) Government (including share advance amount of Rs.712.54 crores)	755.57	774.28
(b) STUs	18.71	
	-----	
Reserves & Surplus		126.30
Deposits		5,016.48
<b>Total</b>		<b>5,917.06</b>

**10.8 Loans:** During the year 2018-19, financial assistance has been extended to the State Transport Undertakings as indicated below:

(Rs. in crores)

Sl.No.	Loan	Amount
1.	Hire Purchase Loan.	126.03
2.	Short term loan for Half yearly Motor Vehicle Tax payment and other loan.	1,021.42
3.	Term Loan for Working capital.	2,471.00
	<b>Total</b>	<b>3,618.45</b>

Tamil Nadu Transport Development Finance Corporation Limited has helped the State Transport Undertakings through Short Term loans so as to avail the benefit of 4% rebate by making the half yearly Motor Vehicle Tax payment, which has enabled the STUs to reduce the expenditures. TDFC Ltd. has extended financial assistance to the State Transport Undertakings are as given below:

(Rs. In crores)

<b>Year</b>	<b>Financial Assistance</b>
2012-2013	1,306.23
2013-2014	1,652.48
2014-2015	2,151.24
2015-2016	2,776.33
2016-2017	3,574.32
2017-2018	3,757.58
2018-2019	3,618.45



### **10.9 Lending rates on new loans:**

Tamil Nadu Transport Development Finance Corporation Limited, has revised the lending rates in respect of fresh loans to all State Transport Undertakings to match the average lending rate with deposit rate, as follows.

<b>Sl. No.</b>	<b>Loan</b>	<b>Interest Rate</b>	<b>With effect from</b>
1.	Hire Purchase Loan	9.75%	01.01.2018
2.	Term Loan	10.00%	01.04.2017
3.	Short Term Loan (Salary)	10.25%	

Rs.712.54 crores have been sanctioned as Share Capital Assistance to Tamil Nadu Transport Development Finance Corporation Limited, and earmarked for the procurement of the new buses for State Transport Undertakings out of which Rs.600 crores have been lent to State

Transport Undertakings at a special rate of 2% interest per annum.

**10.10 Plans for 2019-20:** For the year 2019-20 Tamil Nadu Transport Development Finance Corporation Limited, has proposed to fund Rs.668.69 crores for purchase of 1,903 new buses to State Transport Undertakings besides giving financial assistance for payment of Motor Vehicle Tax, Bonus and other working capital for Rs.1650.00 crores.

## **CHAPTER-11**

### **Pallavan Transport Consultancy Services Limited**

**11.1** Pallavan Transport Consultancy Services Limited (PTCS) was established in April 1984 as a wholly owned Company of Government of Tamil Nadu with an authorized share capital of Rs.50.00 lakh and a paid up share capital of Rs.10.00 lakhs. Its core objective is to provide consultancy services in the area of Road Transport. PTCS offers consultancy assignments in the domain areas of Information Technology, Software Development, Digitalization, Traffic and Transportation, Intelligent Transport Systems (ITS).

**11.2 Future Prospects:** PTCS has submitted proposal to take up the Projects for Automation of the Business Process of Automobile Association of Southern India (AASI), online

monitoring the activities of Government Museum, Procurement of Microfilm Reader cum Viewer for Tamil Nadu Archaeology Department, Annual Maintenance of Library Information System Software at Tamil Nadu Archives Department. PTCS is closely following with the respective clients to get projects. Also, steps have been initiated to transfer its activities to the Institute of Road Transport.

## CHAPTER–12

### **Institute of Road Transport**

**12.1** The Institute of Road Transport (IRT) was started as a society registered under the Societies Registration Act, 1860 in the year 1976. This institute is functioning with the main objective of carrying out applied research on issues pertaining to traffic, transportation, road safety and bus system management, performing quality monitoring by conducting tests on random samples of spare parts procured by the State Transport Undertakings (STUs) in Tamil Nadu, and imparting refresher training to the employees of STUs and the general public.

**12.2 Heavy Vehicle Driver Training:** The Institute of Road Transport is at present running Heavy Vehicle Driver Training (HVDT) Schools at Gummidipoondi and Tiruchirappalli and in 15 places in association with the STUs. Totally

60,361 candidates have successfully completed HVDT Course in the 17 centres up to 2018-19. The institute also provides Light Vehicle Training at Chennai, Tiruchirappalli and Erode.

**12.3 Skill up-gradation training programme:** The Institute conducts skill up-gradation training programme for the officers and employees of Transport Corporations both in IRT and at STUs by preparing an Annual Calendar. The Institute has so far conducted 1906 such training programmes in which 40,435 employees have benefited upto 2018-19.

**12.4 Examinations for Executives:** The Institute also conducts Examinations for Executives and Non-Executives for the benefit of employees of STUs every year, which serves as a basis for promotion of State Transport Undertaking employees.

**12.5 Material Testing Laboratory:** The Institute has a Material Testing Laboratory, which can conduct tests for 54 automobile components. The Laboratory has so far tested 5,881 samples.

**12.6 Research wing of Institute of Road Transport:** The research wing of IRT has published as many as 526 Research Reports and 30 Consultancy Reports. The research wing has also published Accident Investigation Manual, which serves as a Guide to the State Transport Undertakings while investigating the accidents in which the State Transport Undertakings vehicles are involved. The Institute has published Technical Manual for the benefit of State Transport Undertakings.

**12.7 Nodal agency for procurement:** The Institute of Road Transport is also acting as a nodal agency for purchase of major items like chassis, tyres, fully built buses, bus body

construction, printing and supply of tickets, tyre re-treading materials, lubricants and consumables for Amma Water Plant to cater to the needs of State Transport Undertakings in Tamil Nadu.

## **12.8 Educational Institutions:**

**i. Engineering College:** In the year 1984, Institute of Road and Transport Technology was started at Chithode in Erode District with a special emphasis on Automobile Research under the aegis of IRT for imparting Under Graduate Engineering Degree Courses to the children of employees of State Transport Undertakings. The total annual intake of students for Under Graduate and Post Graduate Degree Courses is 468 Students. So far 9,340 B.E. Graduates, 209 M.E. (Structural), 18 ME (Thermal), 32 ME (CSE) and 945 M.C.A. Post Graduates have completed these courses from this Engineering College.



This Engineering College is rated as one of the finest Engineering Colleges in the State.

**ii. Medical College and Hospital:** IRT-Perundurai Medical College with Hospital facilities was started in the year 1986 at Perundurai for the benefit of employees of STUs with an annual intake of 60 students for MBBS course. The annual intake has increased to 100 from the year 2017-18. IRT Perundurai Medical College and Hospital has been handed over to the Health and Family Welfare Department, Government of Tamil Nadu vide G.O (Ms) No.308, Transport (B1) Department, Dated 24.10.2018.

**iii. School of Nursing:** The IRT – School of Nursing was started for imparting Diploma in Nursing Course in the academic year 2008-09 at IRT–Perundurai Medical College premises with an annual intake of 20 Students. Now, the

annual intake has been increased to 60 students from the year 2018-19.

**iv. Polytechnics:** The Institute of Road Transport has also started three Polytechnic Colleges at Chromepet (Chennai), Bargur and Tirunelveli in the year 1992-93. At present, Diploma in Engineering Courses are offered in four branches with a total annual intake of 700 students. As many as 9,741 students have completed Diploma in Engineering Course in these three Polytechnic Colleges upto 2018. The total number of seats available and the split up of the seats filled are as detailed below:

Sl. No.	Description	Total No. of Seats	No. of Seats filled under	
			Government Quota	Management Quota
1.	Perundurai Medical College - MBBS Course.	100* (100-15=85)	55 (65%)	30 (35%)
2.	IRT-School of Nursing - Diploma in Nursing	60	39(65%)	21(35%)
3.	<b>Engineering College.</b>			
a)	Bachelor Degree Courses	420	273(65%)	147 (35%)

Sl. No.	Description	Total No. of Seats	No. of Seats filled under	
			Government Quota	Management Quota
b)	Master Degree–M.E. (Structural)	24	17(72%)	7 (28%)
c)	Master Degree–M.E. (CSE)	24	17(72%)	7(28%)
4.	Polytechnic Colleges – Diploma in Engineering	700	350 (50%)	350 (50%)

\* Including all India quota 15 seats (i.e., 15+85=100)

The Capital Expenditure of IRT and its Educational Institutions is borne by the STUs in Tamil Nadu. The recurring expenditure of IRT is met out from the Special Administrative Rebate collected from the suppliers of STUs as per G.O.(Ms.) No.6 Transport (A) Department dated 08.01.2013. The Governing Council in its 111<sup>th</sup> meeting held on 07.03.2019 had resolved to increase the rebate by 0.5% subject to approval of Government and the Government has been addressed. The recurring expenditure of educational institution's is met out of the interest earned on Interest Free Loan (IFL) contributed by the employees of the State

Transport Undertakings, fee receipts from the students and hospital receipts. However, at present all the Educational Institutions run by IRT are running with a total deficit of Rs.147.75 Crores besides Capital Expenditure of Rs.10.00 Crores is being spent for these Educational Institutions every year. With a view to mainstream these institutions with other Government run institutions, efforts are being taken to examine handing them over without compromising the existing privileges of the transport corporation employees and their wards. Now, IRT Perundurai Medical College and Hospital has been handed over to the Tamil Nadu Government Health and Family Welfare Department vide G.O (Ms) No.308, Transport (B1) Department Dated 24.10.2018. However formal handing over will happen shortly. Since, the Corpus Fund of Institute of Road and Transport Technology (IRTT) and three Polytechnic Colleges at Chrompet, Bargur and

Tirunelveli has been wiped out, running the other Institutions is also not possible in near future. Hence, necessary steps have been taken to hand over these institutions also to the Government. As many as 679 Staffs and Officers are working in IRT and its Educational Institutions as on date.

## CHAPTER–13

### Research Wing of

### Institute of Road Transport

**13.1 Journal of Road Transport:** A Quarterly Journal, titled, "Journal of Road Transport" is published by the IRT information containing Road Transport, Road Safety, Electronic Ticketing and Accident analysis.

**13.2 Material Testing and Quality Monitoring:** The Material Testing Laboratory has facilities to test 54 different automobile components as per Association of State Road Transport Undertakings (ASRTU) and BIS Specifications. The Laboratory has tested 5,881 samples received from the STUs and reports were sent to them during the year 2018-19 as per ASRTU specifications.

**13.3 Examination for Supervisory and Non-supervisory Staff:** The Executive and Non-Executive Departmental Examination which is mandatory for career advancement for Supervisory / Non-Supervisory staff of State Transport Undertakings was conducted during June 2018 for the year 2018-19. The number of employees appeared and passed is given below:

Sl. No.	Description	Number of Candidates		Percentage
		Appeared	Passed	
1.	Executive Examination	173	167	96.53%
2.	Non-Executive Examination	441	404	91.61%
	<b>Total</b>	<b>614</b>	<b>571</b>	<b>93.00%</b>

**13.4 Central Purchase Organisation:** In order to decide on the price and terms and conditions of supply towards the procurement of major items like chassis, tyres, fully built buses,

bus body construction, printing and supply of tickets, tyre re-treading materials, mini buses and lubricants for all State Transport Undertakings, the Government have designated the IRT as the Nodal Agency and the Tender Award Committee was reconstituted by the Tamil Nadu Government in place of the then existing High Level Committee vide G.O.(Ms.) No.54, Dated 21.04.2000. Totally 8 Tender Award Committee (TAC) meetings were conducted during the year 2018-19, in which the TAC finalized the prices towards the items for students bus passes, tyre re-treading materials, lubricants, tyre and printing of tickets, chassis amendments and transportation of AMMA drinking water pet bottles.



## CHAPTER-14

### Training

#### 14.1 Training Programmes for Supervisory

**Staff and Executives:** The Institute of Road Transport prepares an Annual Calendar of training programme at the beginning of every financial year and the programmes are held accordingly. The training wing organizes various training programmes at the Institute of Road Transport and in-house programmes at the headquarters / regions of State Transport Undertakings. The details of programmes conducted and the number of participants attended are as follows:

Sl. No.	Description	Number of Programmes Conducted			Number of Participants Benefited		
		Upto 2017-18	During 2018-19	Total	Upto 2017-18	During 2018-19	Total
1.	In-house training at State Transport Undertakings.	412	0	412	12,498	0	12,498

Sl. No.	Description	Number of Programmes Conducted			Number of Participants Benefited		
		Upto 2017-18	During 2018-19	Total	Upto 2017-18	During 2018-19	Total
2.	Training programme at IRT-Taramani & its wings.	962	37	999	17,335	568	17,903
3.	Meet, Workshop & other programmes	489	6	495	9,862	172	10,034
Total		1,863	43	1,906	39,695	740	40,435

As on date, 30 employees are working in IRT, Taramani, Chennai including 5 Officers and staff on deputation basis from State Transport Undertakings.

### **Driver Training Centres**

**14.2 Heavy Vehicle Driver Training Centre at Gummidipoondi:** The Institute is imparting 12 weeks' Heavy Vehicle Driver Training (HVDT) course in a systematic manner on scientific lines for those with good eyesight and without any

physical disability and with the following qualifications:

1. Minimum Education : Eighth Passed
2. Driving Licence : Light Motor Vehicle Driving Licence with PSV Badge.
3. Experience : Minimum One year Driving in LMV.
4. Age : Not less than 20 years.
5. Height : Minimum 159.5 Cms.
6. Weight : Minimum 50 Kgs.

The Driver Training Wing, Gummidipoondi has capacity to impart HVDT Course to 600 drivers per annum in four batches at the rate of 150 candidates per batch. The candidates are selected through Newspaper Advertisement.

Further the Hindu Adi-Dravidar, Backward Classes, Most Backward Classes and Minorities Welfare Departments also sponsor candidates for the heavy vehicle driver training course. The HVDT course trainees are undergoing practical training in the buses, theory classes in the class room, and vehicle mechanism classes in the workshop/laboratory every day during their training period of 12 weeks. The trainees are evaluated at the end of the training course in theory subjects such as driving theory, vehicle mechanism, traffic education and conductor education and public relations for 400 marks and 300 marks in driving practice i.e., tests are conducted for a total of 700 marks. After passing these tests, the candidates are directed to appear for Motor Vehicle Inspector Test at Motor Vehicle Inspector Office at Redhills for obtaining Heavy Vehicle Driving Licence. Finally, the proficiency test certificates are awarded to those candidates who successfully complete the

entire tests. The institute is also imparting refresher and orientation training courses for the drivers who are in service in Tamil Nadu State Transport Corporations, Government, Public and Private Sector Organisations for durations of 1 month, 15 days, 5 days, 3 days, 2 days, and 1 day in defensive driving techniques for drivers involved in accidents, drivers carrying dangerous / hazardous goods, rules of road regulations, fuel conservation, heavy vehicle driving licence renewal course and safety clinic programmes for accident prone drivers, in order to reduce the accident rate and to improve road safety. The HVDT Course is being conducted at IRT, Driver Training Wing, Gummidipoondi, IRT Driver Training Centre, Tiruchirappalli and 15 other places namely SETC, Tiruchirappalli, TNSTC Ltd, Madurai, Nagercoil, Dindigul, Tirunelveli, Virudhunagar, Salem, Dharmapuri, Erode, Pollachi, Villupuram, Vellore, Kumbakonam, Karaikudi and Pudukottai

in association with the respective Transport Corporations. The number of candidates trained in Heavy Vehicle Driver Training (HVDT) Course and Refresher Training Course are given below:

Sl. No.	Description	Number of Candidates Trained		
		Upto 2017-18	During 2018-19	Total
1.	Gummidipoondi	22,237	398	22,635
2.	Tiruchirappalli	2,305	105	2,410
3.	Other TNSTC HVDT Centres	33,910	1,406	35,316
<b>Total</b>		<b>58,452</b>	<b>1,909</b>	<b>60,361</b>
4.	Refresher Training Programmes - Gummidipoondi Centre	58,243	3,261	61,504

**14.3 Light Motor Vehicle (LMV) Driver Training Schools:** Two Driver Training Schools were started during the year 1997-98 one at Chennai and another at Tiruchirappalli for imparting LMV Training. Now LMV Training is going on in Institute of Road and Transport Technology, Erode also. The details of number of

candidates trained in LMV Driving are given below:

Sl. No.	Description	Number of Candidates Trained		
		Upto 2017-18	During 2018-19	Total
1.	Taramani, Chennai	2,204	325	2,529
2.	Tiruchirappalli	972	36	1,008
3.	Erode	235	86	321
<b>Total</b>		<b>3,411</b>	<b>447</b>	<b>3,858</b>

**14.4 One day Training Course:** The institute is conducting one day training course to the transport vehicle drivers before renewal of their licence as per the orders of the Government in G.O.(Ms.) No. 697, Home (Transport-V) Department, dated 05.08.2010. The details of number of candidates trained are given below:

Sl. No.	Description	Number of Candidates Trained		
		Upto 2017-18	During 2018-19	Total
1.	Taramani, Chennai	6,308	286	6,594
2.	Gummidipoondi	3,329	58	3,387
3.	Tiruchirappalli	23,959	477	24,436
<b>Total</b>		<b>33,596</b>	<b>821</b>	<b>34,417</b>

As many as 1,571 persons have utilized the driving range at Taramani for improving their driving skills. As on date, totally 16 employees are working in Driver Training Wing, Gummidipoondi including 8 employees on deputation from State Transport Undertakings. Further, 2 employees are working on loan / deputation basis from Tamil Nadu State Transport Corporation (Kumbakonam) Limited, Tiruchirappalli Region at IRT–Tiruchirappalli Centre.



## **CHAPTER–15**

### **Tamil Nadu Motor Vehicles Maintenance Department**

**15.1** This department is functioning for the maintenance of Government Department Vehicles, under the control of the Director, as the Head of Department. Further, it comprises of 20 Government Automobile Workshops situated in Chennai and various District Head Quarters all over the State including three Regional Deputy Directorates. The main objective of this Department is to provide quality and proper service to the maintenance needs of all the Government departmental vehicles in an economical and efficient manner. All the Government Department Vehicles are being repaired and maintained through Tamil Nadu Motor Vehicle Maintenance Department. For the maintenance of Government Department Vehicles plying in other districts and places,

where Government Automobile Workshops are not available has to be brought to the nearest Government Automobile Workshop, for the repair and maintenance works. For this purpose, the vehicles have to travel a long distance. To avoid this, the Hon'ble Minister for Transport has announced in the Tamil Nadu Legislative Assembly, during the budget session of the Transport Department on 03.07.2018, to form "Amma Government Mobile Workshop", at two districts, on pilot basis at Tiruchirappalli and Thanjavur.

**15.2 Training:** High-Tech vehicles repairs training have been given to 72 technical workers during the year 2018-2019.

Sl. No.	Training conducted by the Company name	Period	No. of Persons
1.	Lanson Motors	17.09.2018 to 22.09.2018	6
2.	Eicher Motors	11.10.2018 to 12.10.2018	20

Sl. No.	Training conducted by the Company name	Period	No. of Persons
3.	Tata Motors	22.10.2018 to 26.10.2018	15
4.	Eicher Motors	22.11.2018 to 23.11.2018	19
5.	Force Motors	04.12.2018 to 08.12.2018	12

**15.3 Workshops and Maintenance:** Three workshops at Tiruchirappalli, Madurai and Salem are functioning under the control of Regional Deputy Directors, other unit Offices at Coimbatore, Vellore, Dharmapuri, Nagercoil, Cuddalore, Erode, Thanjavur, Ramanathapuram, Kancheepuram, Tirunelveli and Dindigul are functioning for the maintenance of Government Department Vehicles, under the control of Automobile Engineers, Thoothukudi, Villupuram and Udthagamandalam under the control of technical assistants. This Department is looking after the repairs and maintenance needs of nearly 22,687 Government Departmental vehicles, plying throughout the state. A Secretariat Service

Station is functioning near Secretariat, Chennai-9 to carry out minor and petty repairs to Secretariat vehicles. There are 10 Fuel disbursing bunks functioning under the control of this Department. As per the announcement of 2016-17 made by the Hon'ble Minister for Transport in the Tamil Nadu Legislative Assembly, to start new "AMMA Driver Training Centre in Government Automobile Workshops at, Salem, Tiruchirappalli and Madurai of this department for developing skilled drivers and also to refresh the Government Department drivers working in various Government Departments. The "AMMA Driver Training Centre at Salem was inaugurated on 06.08.2018 and two training centres at Tiruchirappalli and Madurai were inaugurated by Hon'ble Chief Minister on 21.06.2019. Total number of vehicles for which repairs carried out by this Department during the year 2018-2019 are 24,078.

**15.4 Condemned vehicles:** The number of vehicles condemned in different categories during the year 2018-2019 as follows:

<b>Year</b>	<b>Heavy Motor Vehicle</b>	<b>Car</b>	<b>Jeep</b>	<b>Van</b>	<b>Motor cycles</b>	<b>Total</b>
2018-2019	109	169	332	35	416	1061

## CHAPTER–16

### Inter-departmental Co-ordination

#### Air and Rail connectivity

**16.1** In addition to its stellar and pivotal role in bus transportation addressing the needs of an average of 1.76 crores passenger a day, through its vibrant State Transport Undertakings, the department also plays a catalytic role in expediting development projects in other modes of public transportation through Air and Rail, by providing assistance by way of land acquisition for these projects and also takes the lead in inter-departmental co-ordination.

**16.2 Land Acquisition for Ongoing Airport Expansion Projects:** Land Acquisition works for the expansion and modernisation of Chennai Airport and other non-metro Airports viz., Madurai, Tiruchirappalli, Coimbatore, Thoothukudi and Salem are being undertaken by

this department. This department co-ordinates with the Commissioner of Land Administration for acquisition of land for the following ongoing Airport expansion projects in the State. The required land to the Airports Authority of India are handed over to them free of cost and free from all encumbrances and the cost of acquisition is borne by the State.

<b>Sl. No.</b>	<b>Name of the Project</b>	<b>Present Stage of Land Acquisition</b>
i.	Expansion of the existing Chennai Airport	The Government have already handed over 129.82 acre of land to Airports Authority of India. Further, 126.25 acre of land are yet to be handed over. Apart from this, action is also being taken separately to transfer 8.50 acre of Defence land to Airports Authority of India in consultation with Ministry of Defence.
ii.	Development of Madurai Airport	The Government have accorded Administrative Sanction for acquisition / alienation of 615.92 acre out of which acquisition works has been completed for 466.43 acre of patta land and action is being taken for alienation of remaining 149.49 acre of poramboke land. A sum of Rs.166.69 crores has been sanctioned as interim compensation to the land owners. Further, the Government has also accorded Administrative Sanction for acquisition / alienation of 160.34 acre

Sl. No.	Name of the Project	Present Stage of Land Acquisition
		of land in connection with the formation of an alternate ring road near Madurai Airport.
iii.	Extension of Runway at Coimbatore Airport	The Government have accorded Administrative Sanction for acquisition / alienation of 490.27 acre. For, 28.37 acre of poramboke land, speedy action is being taken for alienation. Initially, a sum of Rs.75.18 crores has been sanctioned as compensation to the land owners. Further, action is also being taken separately to transfer 134.54 acre of Defence land to Airports Authority of India in consultation with Ministry of Defence.
iv.	Expansion of Tiruchirappalli Airport	The Government have accorded Administrative Sanction for acquisition/alienation of 345.63 acre. Further, action is also being taken separately to transfer 337 acre of Defence land to Airports Authority of India in consultation with Ministry of Defence.
v.	Development of Salem Airport	The Government have accorded Administrative Sanction for acquisition / alienation of 567.42 acre. Further, the Salem Airport has been selected under RCS-UDAN and flight operations commenced from 25.03.2018 onwards.
vi.	Development of Thoothukudi Airport	The Government have accorded Administrative Sanction for acquisition / alienation of 605.77 acre and land acquisition works have been completed for 600.93 acre of patta land and the same has been handed over to the Airports Authority of India. Remaining 4.66 acre are poramboke land will be handed over shortly. A sum of



Sl. No.	Name of the Project	Present Stage of Land Acquisition
		Rs.16.91 crores has been sanctioned as compensation to the land owners. In addition to that the Airports Authority of India has requested 96.80 acre of land for further expansion of Thoothukudi Airport, which is under examination of the Government.

**16.3 Regional Air Connectivity - UDAN:** The Regional Connectivity Scheme (RCS)–UDAN was introduced by the Ministry of Civil Aviation, for providing connectivity to un-served and under-served airports of the country through revival of existing air-strips and airports. In order to encourage the Air travel with affordable price under RCS–UDAN, the Government of Tamil Nadu has entered Memorandum of Understanding with the Ministry of Civil Aviation on 08.06.2017 for implementation of Regional Air Connectivity - UDAN in the State of Tamil Nadu. The following concessions are provided by the Government of Tamil Nadu to RCS Airports.

- The Value Added Tax (VAT) has been reduced to 1% on Air Turbine Fuel (ATF) at RCS Airports and for RCS flights.
- The Security and Fire services to RCS Airports have been provided free of cost.
- 20% of Viability Gap Funding (VGF) as State share for airline operators will be funded from Tamil Nadu Infrastructure Development Fund (TNIDF).
- Conditional subsidy will be provided to each functional UDAN – Airport to ensure that at least 50% of seat are sold at the rate of Rs.2,500/- per seat.

**16.4 List of Airports Identified Under RCS-UDAN in Tamil Nadu:** The following 13 un-served / underserved Airports have been identified in Tamil Nadu for posing under the above said scheme.

- i. Salem
- ii. Vellore
- iii. Ramanathapuram
- iv. Thanjavur
- v. Hosur
- vi. Neyveli
- vii. Tambaram
- viii. Arakonam
- ix. Chettinad
- x. Cholavaram
- xi. Kayatar
- xii. Sulur
- xiii. Ulundurpettai

Salem, Neyveli and Hosur Airports have been selected in the First Phase. The flight operation from Salem Airport has commenced since 25.03.2018. The infrastructure facilities for

flight operation at Neyveli Airport are ready and license from Director General of Civil Aviation is awaited. The Government of Tamil Nadu is taking all possible steps to develop the Hosur Airport under UDAN scheme and the air operation will be started. Considering the fast growth of Vellore city, the Government is focused to develop the Vellore Airport under UDAN scheme. Action is being taken to develop the Ramanathapuram and Thanjavur Airports under UDAN scheme.

**16.5 Ongoing Railway Projects in Tamil Nadu:** Railway services in Tamil Nadu are maintained by the Southern Railway. The Divisions of Chennai, Tiruchirappalli, Madurai and Salem and some part of the Palghat division covers the State. The State has 3,450 kms of Broad Gauge Railway line. On the State Government side, Transport Department acts as the nodal department to the Southern Railways

for the land acquisition works to implement doubling, electrification and laying of new tracks for freight and high speed rail link. At present, land acquisition works for the following new lines and various doubling projects are being undertaken.

<b>Sl. No.</b>	<b>Name of the Projects</b>	<b>Present Stage of Land Acquisition</b>
i.	Milavittan – Melamaruthur (Madurai – Thoothukudi via Aruppukottai New Line)	<ul style="list-style-type: none"> <li>• This New line will provide vital connectivity to ports and upcoming power plants in the region.</li> <li>• Land Acquisition for an extent of 9.61.75 Hectare of land has been completed in Thoothukudi District and handed over to Railways.</li> <li>• Acquisition of the remaining 65.25.09 Hectare of land is under process.</li> </ul>
ii.	Villupuram – Dindigul Doubling with Electrification	<ul style="list-style-type: none"> <li>• This is a prestigious project connecting North and South of Tamil Nadu. This project is of high strategic importance as it will cater to the high demand of passenger traffic.</li> <li>• Government have accorded Administrative Sanction for acquisition of land in</li> </ul>

		6 districts namely Ariyalur, Perambalur, Villupuram, Dindigul, Cuddalore and Tiruchirappalli and the land acquisition works are under process.
iii.	Omalur – Mettur Dam Doubling	<ul style="list-style-type: none"> <li>• Administrative Sanction has been accorded for acquisition of 29.20.0 Hectare of land in 15 villages of Salem District.</li> </ul>
iv.	Chinna Salem – Kallakurichi Broad Gauge line	<ul style="list-style-type: none"> <li>• Administrative Sanction has been accorded for acquisition of 48.04 Hectare of land in 11 villages of Villupuram District.</li> </ul>
v.	Tindivanam – Nagari New Broad Gauge line	<ul style="list-style-type: none"> <li>• The alignment shall connect Tindivanam with Nagari.</li> <li>• Government have accorded Administrative Sanction for acquisition of 682.71.41 Hectare of land in 4 Districts namely Tiruvallur, Tiruvannamalai, Villupuram and Vellore Districts.</li> </ul>
vi.	Tindivanam – Tiruvannamalai New Broad Gauge line	<ul style="list-style-type: none"> <li>• This Project involves 2 Districts namely Villupuram and Tiruvannamalai. 31.36.04 Hectare of land have been acquired and handed over to Railways in Tiruvannamalai District, and the land acquisition works for 43.26.5 Hectare are under process.</li> </ul>

		<ul style="list-style-type: none"> <li>In Villupuram District, Administrative Sanction has been accorded for acquisition of 183.44.5 Hectare of land and the land acquisition activities are under process.</li> </ul>
vii.	3 <sup>rd</sup> and 4 <sup>th</sup> line between Chennai Beach – Korrukupet, Korrukupet - Ennore	<ul style="list-style-type: none"> <li>The alignment traverses through districts of Chennai and Tiruvallur in Tamil Nadu. It helps to increase suburban traffic in Chennai Beach and Gummidipoondi section.</li> <li>Administrative Sanction has been accorded for acquisition of 15890.5 Square Metre of lands in 3 villages of Chennai and Tiruvallur Districts and the land acquisition works are under process.</li> </ul>
viii.	Madurai – Thoothukudi Doubling Project	<ul style="list-style-type: none"> <li>Government have accorded Administrative Sanction for acquisition of 89.47.43 Hectare of land in Virudhunagar Thoothukudi Districts and 177342 sq.mtr of land in Madurai District.</li> </ul>
ix.	Kanniyakumari – Thiruvananthapuram Doubling	<ul style="list-style-type: none"> <li>Government have accorded Administrative Sanction for acquisition of 4.37.75 Hectare of land in Kanyakumari District.</li> </ul>
x.	Maniyachi – Nagercoil Doubling	<ul style="list-style-type: none"> <li>This project covers three districts viz. Tirunelveli, Thoothukudi and Kanyakumari. Government</li> </ul>

		have accorded Administrative Sanction for acquisition of 8.32.71 hectare of land in Thoothukudi District and 28.24.91 Hectare of land in Kanyakumari District. For Tirunelveli District proposal is under process.
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## CHAPTER-17

### Future Initiatives

**17.1 Sustainable Mobility:** Multimodal Transport systems are growing at a rapid pace in Tamil Nadu. Apart from Air, Rail and buses, private passenger vehicles in two, three and four wheeler category play a major role in respect of transportation. Growing passenger and growing freight traffic both have to be addressed. It becomes essential to have an overarching Sustainable Transport Policy for the entire state of Tamil Nadu. A sustainable transport policy covering all forms of the transport, multimodal transport to benefit all sections of society in Tamil Nadu will be the focus of this policy. This sustainable mobility would serve as a way to improve quality of life and to create a more liveable environment promoting walking, cycling, public transport by developing clean road infrastructure. The draft for Sustainable Mobility

Policy for Tamil Nadu has been prepared and sent to the other stakeholder departments for suggestions and will ultimately be shared with public before finalization.

**17.2 FAME-II Scheme (Faster Adoption and Manufacturing of Electric Vehicles):** The Ministry of Heavy Industries, Government of India have issued notification for FAME India Phase II scheme. It is proposed to be implemented over a period of 3 years with effect from 2019-2022 for faster adoption of Electric Mobility and development of its manufacturing eco-system in the country with a total support of Rs.10,000 Crores. Out of Rs10,000 Crores, Rs.3545 crores was allotted for e-buses segment as a demand incentive (OPEX Model) to roll out 7090 e-buses in State/city Transport Corporation (STUs) and other public entities working in the transport sector to augment the fleet of electric vehicles for the country as a whole. This Phase-II will mainly focus on supporting electrification

of public and share transportation. The MTC (Chennai) Ltd has sent the format of funding proposal of Smart Electric Buses under FAME Fund Scheme-II for Chennai City to the Department of Heavy Industries, Government of India. The State Transport Undertakings in the other eligible cities are in the process of sending the proposals.

### **17.3 Locate and Access My Bus [LAMB]:**

Orders were issued for the introduction of Passenger Information System (PIS) with GPS Technologies and a Mobile App. It is possible to provide the travelling public information on the immediate arrival of buses at any given bus stop in Tamil Nadu. This will enable more passengers to ride in the State Transport Undertakings buses. The IRT has been nominated to process, design and floating of RFP (Request for Proposal) and finalize the APP "LOCATE AND ACCESS MY BUS" (LAMB).

**17.4 Strengthening of ITS in Public Transport System:** The Tamil Nadu e-Governance Agency team along with the IT team from all STU's shall be formed among the IT knowledge staff who are already involved in assessing the As-Is process. The Commissioner of e-Governance / Chief Executive Officer, Tamil Nadu e-Governance Agency has prepared and submitted the Detailed Project Report (DPR) for the implementation of End to End computerization of Transport Corporations in Tamil Nadu. The Government of India, Ministry of Road Transport and Highways has extended one time assistance to the extent of 50% of the Project Cost shall be admissible for IT related projects.

## **Conclusion**

**17.5** To say that mobility is changing would be stating the obvious. Despite the advent of shared, connected, autonomous and electric based mobility and the advent of modern public transportation systems like metro rail, the department is conscious of the fact that still bulk of the passengers would continue to depend on buses for public transportation even in the future.

**17.6** As mentioned earlier, effective transportation is indispensable to economic progress. Be it passenger traffic through public transportation through buses, rail, air and waterway based travel or other transportation connected issues, the department is fully aware that all economic activities are dependent on transportation. This is in addition to the contribution the department makes by extending the welfare measures such as the state policy of

providing student subsidy, passes for the elderly among other such initiatives.

**17.7** While working tirelessly to address the present needs of the public in the transportation sector is the motto of the department, simultaneously the department is also actively addressing the need to plan for a smooth transition to environmentally sustainable public transportation. Keeping this in mind, it is working towards development of a sustainable mobility policy. At the same time, the state is also conscious of the need of replacing and augmenting its ageing fleet. Apart from state funds to fund such requirements, the Government is confident of getting additional funds through the KfW project, which is at an advanced stage of consideration. On the personnel side, the State is committed to resolve the employee and pensioner related genuine issues.

**17.8** In conclusion, the department is confident that it would continue to play a pivotal role in ensuring greater passenger satisfaction and be able to make public transportation more accessible by ensuring need based augmentation of services and also rationalisation of the public transport through the State Transport Undertakings wherever necessary and also keep contributing to other current and future initiatives in the overall transportation sector and continue to contribute towards the larger economic growth of the State.

**M.R. VIJAYABHASKAR**  
**Minister for Transport**

**ANNEXURE**

**DEMAND No. 48**

**TRANSPORT DEPARTMENT**

**BUDGET ESTIMATE 2019-2020**

(Rupees in thousands)

<b>Sl No.</b>	<b>Head of Department</b>	<b>Revenue</b>	<b>Capital</b>	<b>Loan</b>	<b>Total</b>
<b>1</b>	<b>Secretariat</b>	1,090,21,04	145,00,04	10	1,235,21,18
<b>2</b>	<b>Motor Vehicles Maintenance Department</b>	62,61,86	-	-	62,61,86
<b>Total</b>		<b>1,152,82,90</b>	<b>145,00,04</b>	<b>10</b>	<b>1,297,83,04</b>