

TRANSPORT DEPARTMENT
POLICY NOTE
2018-2019

I. Introduction

Transportation plays a key role in the pace of development of any economy. Modes of transport alternate between individual and group transportation. Groups that travel could range from five to five hundred and sometimes more. In certain countries, although the factors of development are prominent in the way the economy functions, the modes of transport encouraged are often more individualistic than facilitated group travel. This lead us to the debate of group transportation versus individual centric modes of transportation.

There are a two major reasons for the world-wide trend to drive group transportation. Firstly, the available road space is not elastic and expansion of existing roads are often too expensive to justify. Land acquisition appears to be an option that can be approached only as a last resort. Group transportation options are inevitable in public policy choices to effectively utilise available road space. Secondly, Group transportation modes are more conducive for long-distance travel. Apart from being more economical, it is often more convenient when the group is large. Fuel costs add to this and with urban and rural connectivity improving with every passing year, more travellers are choosing the group transportation modes.

Railways, Airways and Bus Travel are among the most common forms of group transportation. Railways require very heavy initial investment and have lesser flexibility in destinations and routes. In India, the initial

investment, maintenance and operations of the Railways has remained with the Department of Railways, Government of India. The Government of Tamil Nadu through the Transport department provides liaison to the Railways and support in land acquisition. The financial requirements for land acquisition are entirely funded by the Railways. All arrangements from personnel for land acquisition processes, district level co-ordination and till handing over the land are done by the Government of Tamil Nadu. The District Collector and the Commissioner of Land Administration play a key role in the land acquisition process. The Transport department is the administrative department.

Similar to the arrangement with the Railways, the Government of Tamil Nadu provides logistical support to the Ministry of Civil Aviation and the Airports Authority of India. The larger airports are being provided key support in land acquisition and the Government of

Tamil Nadu also bears the costs. With the increased thrust on improving employment potential in Tamil Nadu, efforts are currently being made to increase the existing capacity of Airports that would provide for larger aircraft to land apart from providing for adequate Maintenance, Repair and Overhauling (MRO) facilities as well. This will increase the quantum of Air Cargo and Air passengers that these airports are now capable of handling and in turn lead to growth of the local economy.

Bus Transport provides last mile connectivity in group transportation and takes the public to the nearest location of their final destination. Passenger Buses play a key role in the life of a common man and is the lifeline of transportation in Tamil Nadu. India is a diverse country and some states have taken the lead in recognising that a good bus transport system is key to the progress of urban and rural areas that they govern.

Tamil Nadu is one such state. It has a robust bus transport system which is mainly provided by State Transport Undertakings. These State Transport Undertakings cover the length and breadth of the state with local town and rural buses with connectivity for longer distance routes as well. Inter-state services are also provided.

In the oncoming chapters, more details are provided on the finer aspects of the work being done through the State Transport Undertakings, the work being done to increase the footprint of the Railways and Air Transport in the state that in turn help to keep the wheels of progress and connectivity moving in the right direction.

II. Organisation setup of Transport Department

With the administrative control headed by the Additional Chief Secretary to Government, this department is functioning with 2 Deputy Secretaries, 4 Under Secretaries, 69 Administrative Staff along with 3 Officers and 8 staff in the Chairman's Office. The Additional Chief 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. The following organizations are functioning under the administrative control of the Transport Department:

- (i) Seven State Transport Corporations. (Orders have been issued to merge two Corporations in the current financial year 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.)

CHAPTER-1

State Transport Corporations at a glance

The State Transport Corporations of Tamil Nadu have a fleet strength of 21,744 buses including 2,254 spare buses as on 31.03.2018.

The number of scheduled services as on 31.03.2018 is 19,490. The operational area of the State Transport Corporations extends to the neighbouring States of Karnataka, Andhra Pradesh, Kerala and the Union Territory of Puduchery. All State Transport Corporations operate an average of 87.22 lakh kilometres per day. As on 31.03.2018, the total staff strength including reserve is 1,37,408.

The Government have taken various measures to improve the performance of the State Transport Corporations. As such, 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 2018. Kilometre run per condemned tyre of 1.65 lakhs KM in March 2011 has increased to 2.22 lakhs KM in March 2018.

1.1. Units of State Transport Corporations

The State Transport Corporations have the following Units:

Depots (Rural & Urban)	Engine Reconditioning Units and Workshops	Bus Body Building Units	Tyre Re-treading plants	Fitness Certificat e Units
323	20	23	18	50

1.2 Bus fare

After 2011, the bus fare was revised with effect from 20.01.2018 and subsequently slightly reduced on 29.01.2018 in Tamil Nadu. Neighbouring States Andhra Pradesh and Kerala, have revised the bus fare after 2011 three times and four times respectively and Karnataka has

revised the bus fare four times. Though they have revised the bus fare frequently, Government of Tamil Nadu has revised the bus fare only once during the past six 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 2018

(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

[See Appendix – 1]

1.3 Bus services operated by the State Transport Corporations

The various bus services operated by the State Transport Corporations to the travelling public as on 31.03.2018 are as follows:

Chennai Metro – City services	3,439
Town Services (in Districts)	6,647
Mofussil services	7,819
Ghat services	501
Express services	
Inside State	636
Outside State	448
Total Services	19,490
Spare Buses for total services	2,254
Total Fleet Strength	21,744

[See Appendix – 2]

1.4 Performance Indicators

Efforts have also been taken to optimize the revenue and reduce costs through route rationalization. Accordingly, the scheduled services and operated kilometers have been

regularized and the variable cost towards diesel and tyre has been reduced to the extent possible. This exercise will continue to ensure maximum benefit to the travelling public.

The Physical Performance Indicators from 2011-2012 to 2017-2018 are as follows:

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

[See Appendix – 3]

1.5 Operational cost

The increasing establishment costs and diesel prices has led to increase in the operational cost of the State Transport Corporations every year. The percentage of cost components during the year 2017-2018 are as follows: -

Sl. No.	Components	Percentage
1.	Salary	51.64
2.	Diesel	27.72
3.	Repair and Maintenance	3.03
4.	Depreciation	1.55
5.	MACT Award, Toll Fee and others	6.31
6.	Interest	8.17
7.	Taxes	1.58
	Total	100.00

1.6 Revenue of State Transport Corporations

Due to frequent diesel price hike, increase in the cost of spare parts, Wage agreement, hike in D.A. to the employees etc., the State Transport Corporations have been incurring additional expenditures every year. The details of Bus collection and other revenues such as advertisements, sale of drinking water, courier, hire charges and from commercial complexes for the past six years are as follows: -

(Rupees in Crore) / 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 (Pre Audit)	21.36	4.99	26.35

[See Appendix – 4]

1.7 Financial Assistance by the Government

Over the past seven years (2011-2018), Government have sanctioned a sum of Rs.12,225.27 Crore towards Share Capital Assistance, Loans, Ways & Means Advances, Grant and reimbursement of Student Concession as tabulated below:

(a) Share Capital Assistance

(Rs. in Crore)

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	-	162.2900
2012-13	150.00	24.63	-	174.6300
2013-14	-	-	350.0000	350.0000
2014-15	125.00	-	228.0000	353.0000
2015-16	-	-	150.0000	150.0000
2016-17	150.00	-	-	150.0000
Total	580.26	31.66	728.0000	1339.9200

Government have recently converted outstanding Ways and Means Advance and interest to the tune of Rs.3001.4717 Crore into Equity Shares.

(b) Loans and Ways & Means Advances

(Rs. in Crore)

Year	New Bus	Bus Body Renovation	Motor Accident Claim Original Petition	Diesel	Wage Settlement, Bonus & DA arrear	Retired staff settlement	Total
2011-12	137.50	24.395	25.00	81.03	178.1400	-	446.0650
2012-13	-	-	13.91	-	-	-	13.9100
2013-14	-	24.395	-	-	-	-	24.3950
2014-15	81.61	-	39.73	-	-	-	121.3400
2015-16	125.00	-	-	-	360.0000	116.0000	601.0000
2016-17	57.34	-	-	-	198.4500	-	255.7900
2017-18	-	-	385.23	-	261.6302	2247.3858	2894.2460
Total	401.45	48.790	463.87	81.03	998.2202	2363.3858	4356.7460

(c) Grant

(Rs. in Crore)

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
Total	170.00	2990.01	22.46	3182.47

(d) Reimbursement of Student Concession, Senior Citizen and other passes

The Government have also sanctioned Rs.3,319.58 Crore towards students concessional reimbursement during the years 2011-2012 to 2017-2018 to all State Transport Corporations (except State Express Transport Corporation Tamil Nadu Limited). Rs.22.89 Crore has been reimbursed to Metropolitan Transport Corporation Limited, Chennai towards Senior Citizen passes and Rs.3.66 Crore has been reimbursed to all State Transport Undertakings towards other passes.

1.8 High Speed Diesel (HSD) Reimbursement

The High Speed Diesel (HSD) oil price increased by Rs.6.07 per litre from 14.09.2012. State Transport Corporations have incurred additional cost due to the High Speed Diesel price increase. State Transport Corporations could not manage this additional cost,

as they continued to collect bus fare which was fixed in November 2011. The Government have reimbursed Rs.200 Crore for the year 2012-2013, Rs.500 Crore for the year 2013-2014, Rs.600 Crore for the year 2014-2015, Rs.256.72 Crore for the year 2015-2016, Rs.617.17 Crore for the year 2016-2017 and Rs.816.12 Crore for the year 2017-18 till the fare revision made on 20.01.2018 in order to offset the price increase in HSD.

CHAPTER-2

Road Safety Measures

2.1 Measures to reduce the Road Accidents

Due to rapid urbanization, the usage of vehicles have increased in Tamil Nadu. As such, the State Transport Corporations have taken the following effective steps to minimise road accidents.

- (i) Use of cell phones and consumption of alcohol during driving is prohibited.
- (ii) Periodical Police check-up and surprise breath analysing tests by the squads of Transport Department are being conducted to detect cases of drunken driving, if any.
- (iii) In order to take proper rest, crew rest rooms are being upgraded with modern facilities.

(iv) 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.

(v) The Chief Minister's Awards are given to drivers to encourage accident free driving. The Government have sanctioned a total amount of Rs.22.46 Crore for this award during 2011–2018 as indicated below :

(Rs. in Crore)

Year	Amount
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
Total	22.46

- (vi) The State Transport Corporations are uniformly adopting a tough stand on drivers causing continuous fatal accidents.
- (vii) Number of fatal accidents and fatalities have been reduced considerably during the year 2017-2018.

The details of fatal accidents for the past 5 years are as follows:

Year	No. of Bus services	No. of Fatal accidents	Total No. of Fatalities
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

2.2 Accident Claim Settlement Fund

A separate Corpus Fund was created during the year 2010 for speedy and out of court settlement 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.

Accordingly, for the years 2010-2011, 2011-2012, 2012-2013, 2013-2014 and 2014-2015 respectively a corpus fund of Rs.40 Crore was established with a yearly contribution of Rs.20 Crore by the State Government and the balance Rs.20 Crore proportionately by all State Transport Corporations. From the year 2015-2016, the corpus fund was increased from Rs.40 Crore to Rs.60 Crore with a yearly contribution of Rs.30 Crore by the Government and the balance of Rs.30 Crore by all State Transport Corporations. The above Fund is administered by Tamil Nadu Transport Development Finance Corporation Limited, Chennai. Due to the inadequacy of this fund on account of the large number of accident claims, a different approach by the Government has been initiated to bridge the gap in the present year.

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:

Death case

(Rs. in lakh)

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

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

To extend quick monetary benefits to the accident victims involving State Transport Undertakings buses on mutual consent through out of Court settlements, the Government have constituted a committee and also framed the procedure to be followed for quick settlement.

2.3 Lok-Adalat

The State Transport Corporations are continuing to settle the claims of accident compensation cases from the Corpus Fund through Lok-Adalat. The settlement made by the

State Transport Corporations for the past 7 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
Total	6,878	13,407.87

The highest disposal in Lok-Adalat Settlements occurred on 22.04.2018 when 776 persons were settled with a total amount of Rs.9.68 Crore through the High Court & District Courts.

CHAPTER-3

Measures initiated for improving Public Services

3.1 Operation of buses

The total number of scheduled bus services in State Transport Corporations has been increased from 19,110 to 19,490 for the past 7 years. 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.

3.2 Introduction of new routes

For the benefit of the travelling public, this Government has introduced 1,525 new routes across the State in the past 6 years.

3.3 Introduction of new buses

In the past seven years, the Government have ordered for the procurement of 9,153 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 2011-2018:-

Year	No. of buses	Hill area buses	Small Buses
2011-12	3000	-	-
2012-13	2953	-	100
2013-14	-	208	-
2014-15	1200	-	100
2016-17	2000	-	100
Total	9153	208	300

3.4 New depots

In order to increase the number of bus depots according to fleet strength, 74 new depots have been announced for construction.

Out of 74 new depots, 42 depots have already been opened, 6 are nearing completion and in respect of others, action is being expedited. As on 31.03.2018, total numbers of bus depots are 323.

3.5 Introduction of Small buses in Chennai

To connect un-served areas with main roads, 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 have been welcomed by the public. 100 more Small buses are to be operated shortly.

3.6 Ladies Special Buses

During peak hours, 253 Ladies Special Buses in 93 routes in Chennai are operated by Metropolitan Transport Corporation (Chennai) Ltd., Chennai for the benefit of women and children.

3.7 Buses for Differently-abled

For the convenience of Differently-abled persons 10 Differently-abled friendly buses have been introduced by this Government and are now being operated by the Metropolitan Transport Corporation (Chennai) Limited, Chennai.

3.8 Mini bus services in Hilly areas

In order to cater to the needs of public living in un-served hill areas to travel to nearest Towns and Cities, children to travel to school, labourers to their work locations situated in nearest towns and patients to Hospital, Government have ordered for the procurement of 208 Mini Buses at a cost of Rs.35 Crore and 79 Mini Buses have been put into operation.

3.9 Buses with pantry-cum-toilet facility

Two buses with pantry-cum-toilet facility are being operated by the State Express Transport Corporation Tamil Nadu Limited between Chennai and Trichy via Srirangam. 10 more such buses have been planned to be operated in this year.

3.10 Festival Special buses

Elaborate arrangements are made throughout the State to provide adequate bus facilities during Deepavali and Pongal seasons to enable people to go to their native place to celebrate festivals and return back to their place of work.

All State Transport Corporations have earned considerable revenue during the festival seasons. The details of special services operated

and revenue earned for the past six years are as follows: -

(Rs. in Crore)

Year	Festival	No. of Special services operated	Total Revenue earned
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

3.11 Voluntary Blood Donation Scheme

The voluntary blood donor's list is being maintained by Metropolitan Transport Corporation (Chennai) Limited, Chennai. 16,888 employees of State Transport Corporations have registered their names under the Voluntary Blood Donation Scheme.

3.12 Introduction of Battery Buses in Metropolitan Transport Corporation (Chennai) Limited, Chennai

A Detailed Project Report has been forwarded to Department of Heavy Industry, Ministry of Heavy Industries and Public Enterprises, Government of India, New Delhi for the purchase of 70 electric buses with a total cost of Rs.140 Crore and with a funding pattern of Rs.105 Crore from Government of India and Rs.35 Crore from Government of Tamil Nadu and Charging Infrastructure amounting to Rs.15 Crore (fully Government of India share).

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. Two Officers from

Metropolitan Transport Corporation (Chennai) Limited, Chennai participated in C40 Clean Bus Finance Academy in Quito, Ecuador and an Officer from Metropolitan Transport Corporation (Chennai) Limited, Chennai participated in an exposure program in Air Quality Master Class at London.

3.13 Introduction of Sleeper A/C in SETC Buses

Forty sleeper buses are due to be supplied shortly and will be made functional through the State Express Transport Corporation Tamil Nadu Limited, Chennai.

3.14 Installation of CCTV in Buses

For the safety of Women and Children commuters the Government have decided to install CCTV Cameras in some State Transport Undertakings buses in a phased manner. Accordingly, a detailed proposal for installing

200 CCTV Cameras in Metropolitan Transport Corporation Buses at a cost of Rs.8,40,16,000/- has been sent to Ministry of Women and Child Development, Government of India under the Nirbhaya Fund.

3.15 Refresher Training Programme for private School and College bus drivers

Refresher training has been given to 288 drivers of Private Schools and Colleges by Tamil Nadu State Transport Corporation (Villupuram) Limited, Villupuram. Similarly Tamil Nadu State Transport Corporation (Salem) Limited, Salem has given such refresher training to 384 drivers.

CHAPTER-4

Fare concessions

4.1 The categories of persons availing Travel Concessions are as follows:-

- Present and former Members of Parliament / Legislative Assembly and former Members of Legislative Council.
- Accredited journalists / Media persons.
- 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.
- Cancer Patients and Differently-abled persons. (Deaf and dumb, blind, mentally retarded and epileptic patients).
- Drama Artists.

- H.I.V. / AIDS patients.
- Senior Citizen Bus Travel Pass - In all Metropolitan Transport Corporation Buses other than Air-Conditioned buses from 21.02.2016.

4.2 Special Concession to Students

To encourage school going children, the Government has 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. (1st Standard – 12th Standard)
- (ii) National Child Labour Project.
- (iii) Government Polytechnics.

- (iv) Government Industrial Training Institutes.
- (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.

4.3 50% Travel Concession

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

(iv) Students with attendant attending engineering counselling at Anna University, Chennai.

4.4 Exchange of Tokens

For the benefits of College Students travelling to the Library and back to their residence, 60 exchange tokens are being issued by Metropolitan Transport Corporation Buses.

4.5 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 Crore)

Sl. No.	Year	Amount
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
	Total	3,319.58

In the current financial year 2018-2019, a sum of Rs.766.8540 Crore has been provided towards the reimbursement of Student Concession amount.

4.6 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 56.29% during 2017-2018.

4.7 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, Trichy, Tirunelveli, Vellore, Tiruppur, Erode and Thoothukudi Municipal Corporation areas.

4.8 One Third Concession Bus Pass

For the benefit of regular travellers, 1/3rd 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.

4.9 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 from the year 2013-14. Till date, 22,216 such reservations have been done. 2,86,561 commuters have benefited and Rs.86.79 lakhs concession was availed by the commuters up to 31.03.2018.

4.10 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, 23,051 Electronic Ticketing Machines (ETM) have been introduced in all State Transport Undertakings with financial assistance of Rs.31.66 Crore sanctioned by the Government.

CHAPTER-5

Revenue Enhancing Measures

5.1 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, 5343 vehicles have been condemned in the past seven years (2011-2018) and Rs.70.61 Crore have been earned by State Transport Corporations.

5.2 Revenue through Advertisement

The State Transport Corporations have earned a sum of Rs.100.77 Crore for the past seven years through advertisements boards in the buses.

5.3 Motels

During the journey, Hygienic food and snacks are being supplied at reasonable price through tie-up with 26 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 7 years, a sum of Rs.24.39 Crore has been earned through such arrangements throughout the State.

5.4 Parcel and Courier services

The State Transport Corporations have earned a sum of Rs.318.06 lakhs for the past 7 years through Parcel and Courier Service.

5.5 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-6

Employees Beneficial Measures

The State Transport Undertakings have a total strength of 1,37,408 staff. 536 employees are managerial staff, 56,123 drivers, 54,786 conductors, 17,194 Technical staff, 1,610 Traffic Supervisors, 1,833 Technical Supervisors, 756 Administrative Supervisors and 4,570 Administrative and other categories. Several measures have been taken for the welfare of the employees as detailed below.

6.1 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
2011-17	15,584	15,200	4,781	1,670	37,235
2017-18	4	-	-	527	531
Total	15,588	15,200	4,781	2,197	37,766

6.2 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: -

Driver	Conductor	Technical	Total
18,757	19,287	5003	43,047

6.3 Wage Settlement

The Wage Settlement talks for the employees of State Transport Undertakings is held once in three years under section 12(3) of Industrial Disputes Act, 1947. From 1977, 12 wage settlements have been done with the employees of State Transport Undertakings. The 13th Wage settlement was finalized between the management and the majority of Trade Unions on 04.01.2018. Based on the settlement,

the management had agreed to enhance the pay of the employees by 2.44 factor.

Against the increase of 2.44 factor which have been agreed in the settlement, certain Trade Unions entered on an indefinite strike demanding the increase of 2.57 factor instead of 2.44 factor. Subsequently, a Writ Petition (Public interest litigation) was filed before the High Court of Madras wherein the Hon'ble High Court of Madras ordered to appoint an Arbitrator to adjudicate certain provisions of the Wage Settlement and accordingly, the Government has appointed Justice Thiru. E. Padmanaban, Retired Judge of the Madras High Court as an Arbitrator on 01.02.2018 in accordance with directions of the Hon'ble High Court. After conducting the hearings, the Arbitrator confirmed to enhance the pay by 2.44 factor and submitted the report before the Hon'ble High Court of Madras and this has since been

implemented. The arrears from 01.09.2017 amounting Rs.109.4760 Crore was paid to the employees vide G.O.(Ms) No.185, Transport (T1) Department, dated 07.06.2018 for which Government had given budgetary assistance in 2018-19 Budget Estimate.

6.4 Master Health Check-up

Master Health Check-up Scheme began 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.

6.5 C.T. Scan Machine

19,672 employees of all State Transport Undertakings have benefitted by the C.T Scan Machine installed at the IRT Medical College Hospital, Perundurai.

6.6 Monetary benefits to the retired employees

From 2011, a sum of Rs.2,428.61 Crore has been paid towards settlement of terminal benefits such as gratuity and surrender leave and a sum of Rs.1,268.92 Crore has been paid towards Provident Fund of the retired employees of the State Transport Corporations. The details are as follows: -

(Rs. in Crore)

Year	Gratuity		Surrender Leave Salary	Total	Provident Fund	
	No. of Employees	Amount			No. of employees	Amount
2011-12	1609	42.60	9.61	52.21	1995	148.27
2012-13	2292	82.10	17.17	99.27	3229	61.90
2013-14	5652	194.35	14.51	208.86	4065	97.91
2014-15	1664	68.76	2.16	70.92	4490	129.59
2015-16	3108	137.00	11.31	148.31	4240	135.82
2016-17	2491	182.90	61.83	244.73	3810	138.18
2017-18	27845	1211.07	393.24	1604.31	12420	557.25
Total	44661	1918.78	509.83	2428.61	34249	1268.92

6.7 TNSTC Employees Pension Fund Trust

Tamil Nadu State Transport Corporation Employees Pension Fund Trust is the Nodal agency for implementation of Pension Scheme to the retired employees of State Transport Undertakings. The pension scheme was introduced to the employees of the State Transport Undertakings with effect from 01.09.1998 by 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.

Pension distribution

The details of Pension distribution by TNSTC EPF Trust for last 7 years are as follows: -

(Rs. in Crore)

Sl. 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
6.	2016-17	65,855	865.83
7.	2017-18	70,907	963.42

The Government have sanctioned the following funds (including State Transport Undertakings share of Rs.190.70 Crore) towards the settlement of various statutory dues to the retired employees during the year 2017-18, as detailed below :-

(Rs. in Crore)

Sl. No.	Statutory dues	Amount
1.	Provident Fund	557.2500
2.	Gratuity	1,211.0700
3.	Surrender Leave Salary	393.2400
4.	Commutation	221.1411
5.	Contributory Pension Scheme	55.3840
	Total	2,438.0851

6.8 Welfare Schemes

The State Transport Corporations extend certain welfare measures for the benefit of workers and their families: -

1. Service Weightage / Review benefits.
2. Leave benefits.
3. Steering Allowance.
4. Educational Assistance.
5. Subsidised canteen facilities.
6. Free uniform and Washing allowances.
7. Marriage Loan.
8. Reimbursement of legal fees.
9. Funeral expenses.
10. Free Travel passes to the children for attending Colleges / Schools and 5,500 Km per year for family members.
11. Family Benefit Fund.

12. Holiday Home facility at Kodaikanal,

Coutralam and Kanniyakumari.

13. New Health Insurance Scheme (as applicable to Tamil Nadu Government Employees).
14. Festival Advance of Rs.5,000/-.
15. In the past seven years;
 - (a) Infrastructure facilities of Crew rest rooms have been upgraded at a cost of Rs.5.89 Crore.
 - (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.32.27 Crore.

CHAPTER-7

Skill development for drivers

7.1 To reduce Accidents

An advanced Driving Research and Training Institute has been set up at a cost of Rs.15 Crore at Institute of Road Transport, Gummidipoondi campus for imparting training to drivers.

7.2 Refresher training to drivers

Regular refresher training courses are conducted for drivers to reduce stress levels for accident free driving and for their good health.

7.3 Simulator Training

Technical Simulators are being used to give training to the drivers in Chennai, Trichy, Pollachi and Madurai.

7.4 Driving Schools

Sixteen Driving Schools are providing training for drivers in seven locations in the State.

CHAPTER-8

State Transport Corporations

8.1 Metropolitan Transport Corporation (Chennai) Limited, Chennai

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 Kanchipuram and Thiruvallur Districts.

- The Metropolitan Transport Corporation (Chennai) Ltd., Chennai is functioning with 34 depots with a fleet strength of 3,740. It operates 3,439 scheduled services in 708 routes. The total staff strength is 23,688. The various types of services operated are Ordinary, Express, Deluxe, Vestibule and a few Volvo

Air-Conditioned buses. This corporation has two body building units at Chromepet.

- In order to increase the number of bus depots based on the fleet strength, Government had announced opening of new depots at Padiyanallur, Velachery, Kannagi Nagar, Mahakavi Bharathi Nagar, Besant Nagar, Thiruverkadu, Adambakkam, Chromepet-2, Perambur-2, Kundrathur, Perumbakkam, Thaiyur, Thamaraiakkam and Gummudipoondi. New depots at Adambakkam and Besant Nagar were inaugurated on 19.02.2014. 5 new depots Chromepet-2, Mahakavi Bharathi Nagar, Kundrathur, Padiyanallur and Semmenchery were inaugurated on 12.10.2015. Kannagi Nagar Depot was inaugurated on 04.03.2017 and Perumbakkam Depot was inaugurated on 04.07.2017. Perambur II Depot work is

nearing completion and for remaining five places speedy action is being taken for land identification and land alienation process.

- As per the announcement made in the Transport Department Demand during the year 2011-12, an additional bus body building unit at Chromepet has been inaugurated on 26.06.2014.
- As per the announcement made in the Transport Department Demand during the year 2014-15, a Fitness Certificate Unit at Tondiarpet-I has been inaugurated on 12.10.2015 and at Ayanavaram it was inaugurated on 04.03.2017.
- Small Buses were introduced in Chennai City in un-served areas to help link to the nearest transit hub.

- GPS compatible GPRS based online electronic handheld ticketing machine, are being utilized by conductors of all depots of MTC, to issue tickets to passengers.
- Efforts are being taken for moving to a common smart card for both CMRL and Metropolitan Transport Corporation (Chennai) Ltd., Chennai. It is planned that this card will then be extended to all State Transport Undertakings in the State.

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

- 66 Night services are being operated every day such as 15B, 27B, 95, 77, 70C etc.,

- To provide comfortable travel for Women and children, 253 special buses in 93 routes are operated all over Chennai City.
- Separate rooms for lactating mothers have been set up at 27 Bus terminals of MTC and they are being utilised.
- Travel passes in buses for Senior Citizens above 60 years were introduced from 24.02.2016 and an average of 48,240 passengers are travelling per day.

8.2 State Express Transport Corporation Tamil Nadu Limited, Chennai

It has its headquarters in Chennai and operates Intra and Inter-State services. The area of operations have been extended to Kerala, Karnataka, Andhra Pradesh and Puduchery.

- The Corporation is now functioning with a fleet strength of 1,157 buses in 22 depots having various types of buses such as Ultra Deluxe, Air Conditioned and Classic Buses.
- The operational area of the Corporation covers Tamil Nadu and adjoining States such as Andhra Pradesh, Karnataka, Kerala and Puduchery with the total routes of 251. 111 Inter State routes and 140 Intra State routes are served.
- The Total Staff Strength is 5,963 which comprises categories like Drivers, Conductors, Driver-cum-Conductors, Technical, Technical Supervisors, Traffic Supervisors, Administrative, Reserve Crew, Amma Water staff and others.
- Online booking has been introduced similar to Railways and Airways in SETC Buses through

Internet and Mobile phones for the greater convenience of passengers from 03.10.2011.

- Online Ticket Reservation System (OTRS) have been provided in 76 Centres with 82 counters in Tamil Nadu and the neighbouring States of Andhra Pradesh, Kerala, Puduchery and Karnataka.
- For the First time in Tamil Nadu, SETC introduced CLASSIC vehicles with Pantry-cum-Toilet facilities w.e.f. 20.06.2013 in the route between Chennai and Srirangam for the benefit of Aged persons, Ladies and Diabetic patients.
- Amma Drinking Water Plant on behalf of State Express Transport Corporation Tamil Nadu Limited was established at the Institute of Road Transport, Heavy Driver Training Wing, Gummudipoondi, Thiruvallur District to an extent of 2.47 Acres. At

306 selling points in 234 Assembly Constituencies 1 litre bottles are being sold at Rs.10/- per bottle.

- CCTV Surveillance is being executed in all main places such as Bus Stands, Head Quarters etc., for the close monitoring of Bus Stands passengers movement.
- 50 **"PREMIUM SERVICES"** are earmarked and operated on key routes.
- For the benefit of Reserved Passengers, the **"PICK UP POINTS"** were increased in 13 places in urban areas of the major Cities such as Coimbatore, Tirunelveli and Nagercoil.
- For the benefit of Reserved passengers "Other End Return Ticket" reservation through online is provided for single routes where the counters are not available.

- In order to facilitate ease of travel to the general public during Deepavali 2017 and Pongal 2018, the operation of buses from Chennai were decentralised to make travel-hassle free.
- Separate Rooms for lactating mothers have been set up at 2 Bus terminals owned by SETC at Thanjavur and Coimbatore and are being utilised.

8.3 Tamil Nadu State Transport Corporation (Villupuram) Limited, Villupuram

It has its headquarters in Villupuram. Regional Offices of this Corporation are functioning at Villupuram, Cuddalore, Tiruvannamalai, Vellore, Kanchipuram and Thiruvallur for monitoring the operation of services and it operates Town / City, Mofussil and Ghat services.

- The total number of depots are 61. The fleet strength of the Corporation is 3,502 and it operates 3,166 scheduled services. The total staff strength is 23,361. The various types of services operated are Ordinary, Express and Super-Deluxe buses.

- This Corporation is functioning with three Re-Conditioning Units, three Tyre Re-Treading Plants, three Body Building Units, ten Fitness Certificate Units, six Driving Schools, three Auction Centres and five Training Centres.

- The Government had announced to open 11 new depots at Neyveli, Orikkai-1, Orikkai-2, Chetpet, Chinnasalem, Pernampet, Sholingar, Thirukazhukundram, Chengam, Kattumanarkoil and

Elathur. Out of the above, new depots at Neyveli and Orikkai-1 have been inaugurated on 19.02.2014. Chetpet depot was inaugurated on 18.06.2015. Kattumanarkoil, Peranampet and Chinnasalem depots were inaugurated on 12.10.2015. Orikkai-2 and Sholingur depots were inaugurated on 01.03.2016 and Chengam depot was inaugurated on 04.03.2017. 80% of work is completed in respect of Elathur Branch. For Thirukazhukundram Branch, a piece of land was purchased at a cost of Rs.1.42 Crore.

- 8 locations have been identified for setting up of retail outlets for sale of fuel and lubricants.
- Suitable places for Installation of ATM in depot premises have been identified and

action is being taken to encourage banks to set up ATMs.

- 157 MCOP cases were settled in Lok adalat for Rs.524.95 Lakhs, which was appreciated by the Hon'ble High Court of Madras.

- **Refresher Course for Private Drivers**

In addition to regular Drivers, the Corporation have provided training through Training Centres as follows: -

1. 288 private drivers were trained for one day refresher training course for Heavy Vehicle Driver Training (HVDT).
2. 394 private drivers were trained in two days refresher training course.

➤ **Special Buses operation**

The Corporation operates Special buses during each New Moon day (to Melmalayanur), Full Moon day (to Thiruvannamalai), Adikirthigai (to Thiruthani), Thai Poosam (to Vadalur), Kuvagam, Chithirai Pournami, Karthigai Deepam, Pongal and Deepavali from operational jurisdiction for the traffic need of the travelling public. During the year 2017-18, the Corporation earned Rs.1701.21 lakhs from 73.08 lakhs kilometers with an EPKM of Rs.23.28 by using 5,062 departures operating from various places.

➤ **Ghat Services**

This Corporation operates 29 Ghat Services routes for the convenience of people living in the Ghat Area. In Villupuram region, 10 buses are operating

routes to Kalvarayan, Serapattu and Vellimalai Hill area. In Thiruvannamalai region, 3 buses are operating to the Jamunamarathur Hill area. In Vellore region, 16 buses are operating to Puthurnadu, Elagiri, Velathikamanibenda, Arvatla, Jamunamarathur, Balamathi and Senganatham Hill area.

8.4 Tamil Nadu State Transport Corporation (Salem) Limited, Salem

- It has its headquarters in Salem. This Corporation is functioning with Two Regional Offices viz., Salem and Dharmapuri, operating Town, Mofussil and Ghat services. Types of services operated are Ordinary and Express services.
- Total number of depots in this Corporation are 32. Fleet strength of this Corporation is 2,222 buses and it operates 1,899 Scheduled services.

- Total Staff strength in this Corporation is 13,819.
- Bus Body Building Units are functioning at two places viz. Namakkal and Dharmapuri with a capacity of 10 buses per month at both locations.
- During 2017-18, 32 new buses were introduced for the benefit of the travelling public.
- This Corporation has earned additional revenue of Rs.23.40 Lakhs in 2017-18 by taking in parcel services in the buses.
- This Corporation had earned additional revenue of Rs.49.95 Lakhs in 2016-17 and Rs.39.23 Lakhs in 2017-18, by stopping buses at en-route Motels.

- This Corporation has earned additional revenue of Rs.123.57 Lakhs in 2016-17 and Rs.119.82 Lakhs in 2017-18, by permitting commercial advertisement boards in buses.
- The passengers are availing 1/3rd fare concession travel in buses to the extent of 25,089 beneficiaries in Mofussil and 51,297 beneficiaries in Town buses in the year 2016-17 and 21,656 beneficiaries in Mofussil and 50,991 beneficiaries in Town buses in the year 2017-18.
- “Amma Drinking Water” is being sold from 38 selling booths at important bus stands and traffic generating points in the operational jurisdiction.
- This Corporation had operated new bus services to 34 villages in 2016-17 benefitting 10,761 people and 8 villages in

2017-18 benefitting 3,300 people by extending the routes with the existing services.

➤ This Corporation is providing sufficient special bus transport facilities for the benefit of 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 water falls 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, Lord Murugan Temples at Kalipatty, Kabilar Malai, Lord Anjaneyar Temple at Namakkal etc.,

- Ministry of Road Transport & Highways, Government of India has allotted funds to Tamil Nadu State Transport Corporation (Salem) Ltd., for setting up of a Training centre in Namakkal, Krishnagiri Districts and for augmentation of Training centre at Salem and Dharmapuri Districts. Funds have been allotted to this Corporation for establishing four training centres, at Rs.1.00 Crore for each centre. The work is in progress and are planned to be completed in 2018-19.

- This Corporation is operating Ghat Services to the hills areas viz., Yercaud Hills, Kolli Hills, Kalvarayan Hills, and Nallamathi Hills (Pachamalai) for the convenience of people living in the Ghat Area.

8.5 Tamil Nadu State Transport Corporation (Coimbatore) Limited, Coimbatore

The operational Jurisdiction of this Corporation covers Coimbatore District and the adjacent districts such as Nilgiris, Erode, Salem and Valparai Hill areas and adjoining States of Kerala and Karnataka. The fleet consists of City Operation (Town), Mofussil Operation (Intercity) and hill Operation (Ghat). The Fleet strength as on 31.03.2018 is 3,118 and the total staff strength is 19,649.

There are 45 depots for bus operation and 6 Divisional Offices for the management of the branches and four Regions at Coimbatore, Ooty,

Erode & Tiruppur comes under the control of this Corporation. The Corporation has the following Production Units, such as Paint Unit, Tyre Re-treading Plant, Unit Reconditioning workshop, FC Units and Body Building Unit.

This Corporation runs a Training Institute at Pollachi established during 1978 to impart training to crew, technical staff, line staff and supervisory staff and another one at Bhavanisagar, controlled by Erode region.

Simulator

A bus driving simulator has been installed at the Training Institute, Pollachi to impart training to newly recruited drivers and existing drivers to improve their driving skills. As on date, 6,428 drivers have been given training in this unit.

This Corporation has provided welfare measures to the public in addition to passenger transportation.

1. This Corporation has constructed and is maintaining bus stands at Valparai, Maruthamalai, Ooty and Gudalur.
2. For the convenience of the passengers, this Corporation has a working understanding with Motels at Barliar and Hasanoor.

8.6 Tamil Nadu State Transport Corporation (Kumbakonam) Limited, Kumbakonam

It has its headquarters at Kumbakonam. The regional offices of this Corporation are functioning at Kumbakonam, Trichy, 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 3,689 buses and it operates 3,335 scheduled services. The Corporation is serving 27.89 lakh passengers per day. The total staff strength is 23,585. The various types of services operated are 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, Trichy, Devakottai and Pudukottai. The construction work of new depots is under progress at Thirumayam and Manachanallur. The construction work completed at Edamalaipattipudur and it will be opened shortly. Lands were alienated at Viralimalai, Palayam, Keeranur. Enter upon permission has been obtained and the construction work is to commence for construction of additional depot at Karur and

new depot at Sayalkudi. Further, it is proposed to construct new depots at Srirangam, Kumbakonam, Piratipur and Manamelkudi for which lands have been identified and are in the process of being alienated.

ETMs are being used on a Pilot basis in Kumbakonam, Nagapattinam, Trichy, Karur, Karaikudi & Pudukottai Regions.

Financial Assistance for skill Development

The Ministry of Road Transport & Highways (MoRTH) have provided Rs.5 Crore, i.e., 50% of the project cost for formation of skill development programme training centre to the up-gradation of existing training facilities.

To upgrade the existing training centre at Trichy and Karaikudi, the tender has been approved by the Board of Directors.

8.7 Tamil Nadu State Transport Corporation (Madurai) Limited, Madurai

The head office is Madurai and the 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 are 39, the fleet strength of the Corporation is 2,477 and it operates 2,166 scheduled services. The total staff strength is 15,477. The various types of services operated are Ordinary and Express buses.
- This Corporation has body building units at Madurai, Batlagundu and Virudhunagar.
- Over the past six years, 925 new buses were operated in 91 new routes.

- Over the past few years, more than 2,000 employees have donated blood in blood donation camps organized by the Corporation.

Additional facilities to the passengers

- This Corporation provides monthly season tickets both in City and Mofussil services.
- Amma Drinking Water is sold in Madurai, Dindigul, Theni and Virudhunagar districts. 22 bus stands have provided sales booths for the benefits of the public.
- This Corporation also operates 45 night city services.
- The Corporation operates Special services to the following places during festivals (i) Veerapandi (ii) Irukkankudi (iii) Velankanni and (iv) Palani.

8.8 Tamil Nadu State Transport Corporation (Tirunelveli) Limited, Tirunelveli

This Corporation has its headquarters in Tirunelveli. Regional Offices of this Corporation are functioning at Tirunelveli, Nagercoil and Thoothukudi for monitoring operation of services. The Corporation operates Town and Mofussil Services.

- The total number of depots are 30. The fleet strength of the Corporation is 1,839 and it operates 1,654 scheduled services. The total staff strength is 11,866. The various types of services operated by this Corporation are Ordinary, Express, Super Deluxe and Ultra Deluxe buses. This Corporation has body building units at Tirunelveli and Nagercoil.

- A new depot at Cheranmadevi was inaugurated on 18.06.2015 and at Sathankulam on 08.03.2017.
- The new building for Corporate Office at Tirunelveli at a cost of Rs.1.00 crore was inaugurated on 05.07.2014.
- Over the past 7 years, 614 new buses were operated in 66 new routes.
- 4,822 employees have attend the medical check-up and benefited under the Master Health Check-up Scheme.

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

- This Corporation is operating buses to important pilgrim and tourist centres like

Tiruchendur, Sankarankoil, Srivilliputhur, Uvari, Kanniyakumari and Courtallam.

- Amma drinking Water is sold in 22 booths in Tirunelveli, Thoothukudi and Kanniyakumari districts.
- Over 5,500 employees have donated blood in the blood donation camps organised by the Corporation.
- A separate Room for Lactating Mothers has been set up at Kanniyakumari Bus stand of TNSTC, Tirunelveli.
- Two Night services in Tirunelveli city and one night service in Nagercoil Town are being operated daily.
- 53 exclusive trips for women and children are being operated in 24 routes of Tirunelveli, Thoothukudi and Nagercoil Regions.

8.9 Awards to the State Transport Undertakings for the year 2016-17

The State Transport Undertakings has received the following awards for the year 2016 which were given by Association of State Road Transport Undertakings (ASRTU) on 27.02.2018.

Sl. No.	STUs.	Purpose for which given	Winner position/ Rank
1	Metropolitan Transport Corporation (Chennai) Ltd., Chennai	Highest Tyre performance (5.35 - Moving avg. of new tyre consumed per lakhs effective Kms. During 2014-15 to 2016-17)	Winner Award
2		Highest KMPL - STU having fleet above 3000 (4.40 KMPL)	Winner Award
3	State Express Transport Corporation	Highest performance in Vehicle productivity- Mofussil Services (533.22 Eff.Kms/Veh/Day)	Winner Award
4	Tamil Nadu Ltd., Chennai	Maximum Improvement in KMPL (5.10 to 5.16) - Mofussil Service	Runner - up Award

Sl. No.	STUs.	Purpose for which given	Winner position/ Rank
5	Tamil Nadu State	Minimum Operational Cost Award (Without the element of tax) - Mofussil Services- (Group-III - 1001-4000) - 30.93 CPKM	Winner Award
6	Transport Corporation (Villupuram) Ltd., Villupuram	Highest KMPL 5.48 STU having fleet between 1001 and 4000 - Mofussil Services	Winner Award
7		Highest performance in Vehicle productivity- Mofussil Services (512.93 Eff. KMs/Veh/Day)	Runner - up Award
8	Tamil Nadu State Transport Corporation (Salem) Ltd., Salem	Winner for the Highest Tyre performance (3.58 Moving avg. of new tyre consumed per lakh effective Kms during 2014-15 to 2016-17) for the year 2016-17 among the STUs operating Mofussil Services for the 4th consecutive year	WINNER-Certificate
9	Tamil Nadu State Transport Corporation (Coimbatore) Ltd., Coimbatore	Maximum improvement in KMPL Coimbatore city (4.84 to 5.03 KMPL)	Winner Award

Sl. No.	STUs.	Purpose for which given	Winner position/ Rank
10	Tamil Nadu State Transport Corporation (Kumbakonam) Ltd., Kumbakonam	Highest Tyre performance (3.79 - Moving avg. of new tyre consumed per lakhs effective Kms. During 2014-15 to 2016-17)	Winner Award
11		Winner for the Highest KMPL(5.51 KMPL-STU having fleet between 1001 and 4000)- Same award in the 4th consecutive year)	WINNER-Certificate

CHAPTER-9

Tamil Nadu Transport Development Finance Corporation Limited, Chennai.

Tamil Nadu Transport Development Finance Corporation (TDFC) Ltd. commenced functioning on 25.03.1975 with the objective of mopping up funds from the general public for Capital & Working Capital requirement of the STUs by way of mobilising deposits without depending upon the budgetary support from Government. TDFC Ltd. has been registered as a Non-banking Finance Company with the Reserve Bank of India.

9.1 Financial Performance

TDFC Ltd. has been earning profit every year since its inception from 1975. The profit earned for the past 7 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
2012-13	2771.58	2061.42	710.16	230.45	479.71
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 (RE)	4914.62	3889.46	1025.16	338.95	686.21
2018-19 (BE)	4234.85	3107.17	1127.68	372.84	754.84

9.2 Deposits

TDFC Limited as a Government owned Non-Banking Financial Company (NBFC) enjoys confidence and trust of the public as an investment avenue. Total deposits with TDFC as on 31.03.2018 was Rs.4,288.94 Crore.

9.3 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 STUs.

TDFC Ltd. 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:

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

9.4 Deposit Schemes

At present there are two schemes of deposits.

	Scheme I (PIPS)	Scheme II (MMS)
	Periodic Interest Payment Scheme	Money Multiplier Scheme
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)

9.5 Deposits under Girl Child Protection Scheme

This scheme is sponsored by Government of Tamil Nadu along with the Department of Social welfare. As on 31.03.2018, there are 1,12,405 depositors under the Girl Child Protection Scheme with a sum of Rs.17.05 Crore.

9.6 Funds of the Company

The total resource base of TDFC Ltd. as on 31.03.2018 is given below:

(Rs. in Crore)

Share Capital–(a) Government (b) STUs	43.03 18.71 -----	61.74
Reserves & Surplus		129.94
Deposits		4,288.94
Total		4,480.62

9.7 Loans

During the year 2017-18, financial assistance has been extended to the STUs as indicated below:

(Rs. in Crore)

Sl. No.	Loan	Amount
1.	Hire Purchase Loan.	23.62
2.	Short term loan for Half yearly M.V. tax payment and other loan.	1,606.83
3.	Term Loan for Working capital.	2,290.21
	Total	3,920.66

TDFC Ltd. has helped STUs 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 these expenditures.

TDFC Ltd. has extended financial assistance to the State Transport Undertakings as given below.

(Rs. In Crore)

Year	Financial Assistance
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(RE)	3,920.66
2018-2019(BE)	1,511.29

9.8 Lending rates on new loans

TDFC has revised the lending rates in respect of fresh loans to all STUs to match the

average lending rate with deposit rate, as follows: -

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

9.9 Plans for 2018-19

For the year 2018-19 TDFC Ltd. is proposed to fund Rs.150.97 Crore for purchase of 760 new buses by STUs and Rs.10.32 Crore towards spill over of 76 vehicles for the year 2012-13 besides giving financial assistance for payment of MV Tax, Bonus and other working capital for Rs.1,350.00 Crore.

CHAPTER-10

Pallavan Transport Consultancy Services Limited, Chennai.

Pallavan Transport Consultancy Services Ltd., (PTCS) was established in April 1984 as a wholly owned company of Government of Tamil Nadu with an Authorized Share Capital of Rs.50 lakh and with a paid up Share Capital of Rs.10 lakhs. Its core objective was to provide consultancy services in the area of Road Transport. As it is currently running on losses of Rs.0.41 Crore, steps have been initiated to transfer its activities to IRT.

CHAPTER-11

Institute of Road Transport, Chennai.

The Institute of Road Transport (IRT) began in the year 1976 as a society registered under the Societies Registration Act, 1860 with the main objective of applied research on issues pertaining to traffic, transportation, road safety and bus system management, perform 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 general public.

The Institute of Road Transport is at present running Heavy Vehicle Driver Training (HVDT) Schools at Gummidipoondi and Trichy and in 15 places in association with the STUs. Totally 58,452 candidates have successfully

completed HVDT Course in the 17 centres up to 2017-18. The institute also provides Light Vehicle Training at Chennai, Trichy and Erode.

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 conducted 1,856 such training programmes in which 39,569 employees have benefited upto 2017-18.

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 STU employees.

The Institute has a Material Testing Laboratory, which can conduct tests for 47 automobile components. Upto 2017-18, the Laboratory has tested 5,833 samples.

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

The Institute of Road Transport also acts as a nodal agency for purchase of major items such as Chassis, Tyres, Fully Built Buses, Bus Body Construction, Printing and supply of Tickets, R.T. Materials, Lubricants and consumables for Amma Water Plant to cater to the needs of STUs in Tamil Nadu.

In the year 1984, Institute of Road and Transport Technology was started at Chithode in

Erode District with special emphasis on Automobile Research under the aegis of IRT for imparting Under Graduate Engineering Degree Courses that included the children of employees of STUs. The total annual intake of students for Under Graduate and Post Graduate Degree Courses is 528 Students. So far 8,983 B.E. Graduates, 191 M.E. (Structural), 18 ME (Thermal), 27 ME (CSE) and 923 M.C.A. Post Graduates have completed these courses from this Engineering College.

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 was increased to 100 in 2017-18. This Medical College has produced 2,018 Doctors since its inception. Currently, there is a major deficit and gap in the

income and expenditure of this institution and ways are being examined to reduce the financial expenditure and bring in a situation of sustainability.

The IRT–School of Nursing was begun 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.

The Institute of Road Transport also began three Polytechnic Colleges at Chromepet (Chennai), Bargur (Krishnagiri) 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 8,758 students have completed Diploma in Engineering Course in these three Polytechnic Colleges upto 2017.

The total number of seats available and the split up of the seats filled are as detailed below: -

S. No.	Description	Total No. of Seats	No. of Seats filled under	
			Government Quota	Management Quota
1.	Perundurai Medical College - MBBS Course	100	70 (70%)	30 (30%)
2.	IRT-School of Nursing - Diploma in Nursing	20	NIL	20(100%)
3.	Engineering College			
a)	Bachelor Degree Courses	420	273(65%)	147 (35%)
b)	Master Degree – M.E. (Structural)	24	17(72%)	7 (28%)
c)	Master Degree – M.E. (CSE)	24	17(72%)	7(28%)
d)	Master of Computer Applications	60	30 (50%)	30 (50%)
4.	Polytechnic Colleges – Diploma in Engineering	700	350 (50%)	350 (50%)

The Capital Expenditure of IRT and its Educational Institutions is to be borne by the State Transport Undertakings in Tamil Nadu. The recurring expenditure of IRT is met out from Special Administrative Rebate collected from the

suppliers of State Transport Undertakings as per G.O.(Ms) No.6, Transport (A) Department, dated 08.01.2013. The recurring expenditure of educational institution's among other sources is also met out of the interest earned on Interest Free Loan (IFL) contributed by the employees of State Transport Undertakings, Fee Receipts from the students and hospital receipts. As many as 679 Staff and Officers are working in IRT Educational Institutions as on date.

CHAPTER-12

RESEARCH WING OF IRT

12.1 Journal of Road Transport

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

12.2 Material Testing and Quality Monitoring

The Material Testing Laboratory has facilities to test 47 different automobile components as per Association of State Road Transport Undertakings (ASRTU) and BIS Specifications. The Laboratory has tested 5,833 samples upto 2017-18.

12.3 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 STUs was conducted during June 2017 for the year 2017-18. The number of employees appeared and passed is given below:

Sl. No.	Description	Number of Candidates		Percentage
		Appeared	Passed	
1.	Executive Examination	370	308	83.24%
2.	Non-Executive Examination	641	560	87.36%
	Total	1,011	868	85.85%

12.4 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, RT Materials, Mini Buses and Lubricants for all STUs, 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. Six Tender Award Committee (TAC) Meetings were conducted during the year 2017-18, in which the TAC finalized the price towards the items for Students Bus Pass, RT Materials, Lubricants, Tyre & Printing of Tickets, Chassis Amendments and Transportation of AMMA Drinking Water Pet Bottles.

12.5 Light Engineering Courses

A project proposal for conducting Light Engineering Courses at IRT polytechnic institutions was submitted to Tamil Nadu Skill Development Corporation in 2017-18.

Projects under progress

1. A project on Battery operated Electric Buses related to Green Funding and

Fame Funding in Tamil Nadu has been submitted to Government of India.

2. Implementation of New Bus Body Code AIS-052 is under progress and phase one and phase two approvals were obtained by Tamil Nadu State Transport Corporation (Kumbakonam) Limited, Kumbakonam.
3. Accident Investigation Report of all State Transport Undertakings for the period January–December 2017 – Data collection and Preparation of Accident Investigation Report has been done.

CHAPTER-13

TRAINING PROGRAMMES FOR SUPERVISORY STAFF AND EXECUTIVES

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 (STUs). 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 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 2016-17	During 2017-18	Total	Upto 2016-17	During 2017-18	Total
1.	In-house training at STUs	412	0	412	12,498	0	12,498
2.	Training programme at IRT-Taramani	923	39	962	16,585	750	17,335
3.	Meet, Workshop & other programmes	485	4	489	9,792	70	9,862
Total		1,820	43	1,863	38,875	820	39,695

As on date, 34 employees are working in IRT, Taramani, Chennai including 7 Officers and staff on deputation basis from STUs.

Driver Training Centres

13.1 Heavy Vehicle Driver Training Centre at Gummidipoondi

The Institute is imparting 12 weeks Heavy Vehicles Driver Training (HVDT) Course in a systematic manner on scientific lines. 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 Adi-Dravidar, Backward Classes, Most Backward Classes and Minorities Welfare Departments also sponsor candidates for the heavy vehicle driver training course.

In addition to the 12 weeks HVDT Course, the Institute also imparts 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 accident involved drivers, drivers carrying dangerous / hazardous goods, 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.

At present, the HVDT Course is being conducted at IRT, Driver Training Wing Gummidipoondi, IRT Driver Training Centre, Trichy and 15 other places namely Trichy, 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	No. of Candidates Trained		
		Upto 2016-17	During 2017-18	Total
1	Gummidipoondi	21,842	395	22,237
2	Trichy	2,239	66	2,305
3	Other TNSTC HVDT Centres	32,995	915	33,910
TOTAL		57,076	1,376	58,452
4	Refresher Training Programmes - Gummidipoondi Centre-No.of person	55,939	2,304	58,243

13.2 Light Motor Vehicle (LMV) Driver Training Schools

Two Driver Training Schools began during the year 1997-98 one at Chennai and another at Tiruchirappalli for imparting LMV Training. Now, LMV Training has also commenced at IRTT

Erode. The details of candidates trained in LMV Driving are given below: -

Sl. No.	Description	Number of Candidates Trained		
		Upto 2016-17	During 2017-18	Total
1.	Taramani, Chennai	2,016	188	2,204
2.	Trichy	885	87	972
3.	Erode	176	59	235
Total		3,077	334	3,411

The institute conducts a one day training course for transport vehicle drivers before renewal of their licence as per the orders of the Government. The details of number of candidates trained are given below: -

Sl. No.	Description	Number of Candidates Trained		
		Upto 2016-17	During 2017-18	Total
1.	Taramani, Chennai	6,125	183	6,308
2.	Gummidipoondi	3,255	74	3,329
3.	Trichy	23,906	53	23,959
Total		33,286	310	33,596

As many as 2,425 persons have utilized the driving range at Taramani for improving their driving skills.

22 employees are now working in Driver Training Wing, Gummidipoondi including 10 employees on deputation from State Transport Undertakings.

CHAPTER-14

EDUCATIONAL INSTITUTIONS OF IRT

14.1 Institute of Road and Transport Technology, Chithode

The Institute of Road and Transport Technology, Chithode at Erode district was begun from the year 1984 under the aegis of the Institute of Road Transport. The courses presently offered and student strength are given below: -

Sl. No.	Course	Year of Commencement	Sanctioned Strength Per annum	Present first year Strength	Total Strength from First year to Final year
(A) B.E./B.Tech. Programmes:-					
1.	Automobile Engineering.	1984	60	53	258
2.	Mechanical Engineering.	1984	60	54	266
3.	Civil Engineering.	1984	60	38	237
4.	Computer Science & Informatics.	1984	60	51	229
5.	Electronics & Communication Engineering.	1992	60	50	241
6.	Electrical & Electronics Engineering.	1992	60	53	253

Sl. No.	Course	Year of Commencement	Sanctioned Strength Per annum	Present first year Strength	Total Strength from First year to Final year
7.	Information Technology.	2002	60	39	200
(B) P.G. Programmes					
8.	Master of Computer Applications.	1996-97	60	0	29
9.	M.E. (Structural).	2003-04	24	14	34
10.	M.E. (CSE)	2014-15	24	2	7
TOTAL			528	354	1,754

The present staff strength is 158 out of which 80 are teaching and 78 are non-teaching staff. Among the teaching staff, 42 staff members are with Ph.D. degrees.

At present, 8 hostel blocks are available in which 1,054 students are being accommodated. The total number of books available in the library is 44,921 and 3,355 books are available in the book bank. The total number of journals subscribed is 510 out of which 74 are National Journals.

This Engineering College has so far produced 8,983 BE Graduates, 923 MCA holders, 191 ME (Structural), 18 M.E. (Thermal) and 27 ME (CSE) Post Graduates.

14.2 IRT-Perundurai Medical College, Perundurai

The IRT-Perundurai Medical College set up as per the scheme formulated in 1986 began functioning at its own premises at Perundurai, Erode District, from the academic year 1992-93. The annual intake of students for MBBS Course is 100. At present, 281 students are undergoing the MBBS Course and 60 students are undergoing C.R.R.I. (i.e., House Surgeon) Training in this College.

Separate hostel facilities are available to accommodate men and women students. At present 341 students are accommodated in these hostels. In the library, there are 10,048 books and the total number of journals subscribed are 101.

On an average 769 Outpatients are treated every day at Perundurai Medical College and Hospital (PMCH) and 41 Outpatients are treated every day at Ramalingam Tuberculosis Sanatorium (RTS). There are 350 beds in Perundurai Medical College and Hospital (PMCH) and 120 beds in Ramalingam Tuberculosis Sanatorium (RTS). On an average 350.6 beds are occupied by inpatients at PMCH and 34.8 beds are occupied by inpatients at RTS per day during this year. The average bed occupancy ratio during the year is 100.17% in PMCH and 29% in RTS.

362 staff are working in Perundurai Medical College and Hospital (PMCH), which comprises of 137 Doctors, 117 Para Medical and 108 Non-Medical staff.

The Medical College has produced 1,548 Doctors till date.

14.3 IRT-School of Nursing, Perundurai

IRT–School of Nursing was begun 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. During this year 20 seats have been filled among the wards of employees of STUs. 48 students are now undergoing diploma in nursing and 17 students in Internship.

14.4 I.R.T. Polytechnic Colleges

The Institute of Road Transport runs three Polytechnic Institutions at Chromepet (Chennai) Bargur (Krishnagiri) and Tirunelveli from the academic year 1992-93 and a new Diploma in Mechanical Engineering Course has been introduced in three IRT Polytechnic Colleges with an intake of 60 seats for each Polytechnic College in the academic year 2013-14. The courses presently offered and the number of students admitted every year and the total students strength are given below: -

Sl. No.	Course	Year of Commence-ment	Sanctioned Strength Per annum	Present first year Strength	Total Strength from First year to Final year
(1). IRT POLYTECHNIC COLLEGE, CHROME PET, CHENNAI.					
1.	Electrical and Electronics Engineering (EEE)	1992	60	50	178
2.	Electronics and Communication Engineering (ECE)	1992	60	40	140
3.	Computer Technology(CT)	1992	60	32	100
4.	Mechanical Engineering	2013	60	51	191
Total (A)			240	173	609
(2). IRT POLYTECHNIC COLLEGE, BARGUR, KRISHNAGIRI.					
1.	Electrical and Electronics Engineering (EEE)	1992	60	41	163
2.	Electronics and Communication Engineering (ECE)	1992	60	28	123
3.	Computer Technology(CT)	1992	60	34	130
4.	Mechanical Engineering	2013	60	58	197
Total (B)			240	161	613
(3). IRT POLYTECHNIC COLLEGE, TIRUNELVELI					
1.	Electrical and Electronics Engineering (EEE)	1992	60	42	173
2.	Electronics and Communication Engineering (ECE)	1992	60	29	133
3.	Computer Technology(CT)	1992	40	14	82
4.	Mechanical Engineering	2013	60	51	191
Total (C)			220	136	579
GRAND TOTAL (A) + (B) + (C)			700	470	1,801

8,758 students have completed Diploma Courses in all the three Polytechnic Institutions upto 2017 (Chromepet–3,087 Bargur–2,919, and Tirunelveli–2,752).

The total staff and students strength of IRT and its units as on date are as detailed below: -

S. No.	Description	Staff Strength	Students Strength
1.	IRT, Taramani	34	-
2.	Driver Training Wing, Gummidipoondi	22	-
3.	Driver Training Wing, Trichy	2	-
4.	Institute of Road & Transport Technology, Chithode .	158	1754
5.	IRT – Perundurai Medical College, Perundurai	362	400
6.	IRT – School of Nursing, Perundurai	6	65
7.	IRT Polytechnic College, Chromepet	31	609
8.	IRT Polytechnic College, Bargur	29	613
9.	IRT Polytechnic College, Tirunelveli	35	579
Total		679	4,020

CHAPTER-15

MOTOR VEHICLES MAINTENANCE DEPARTMENT

The Motor Vehicles Maintenance Department, comprising of 20 Government Automobile Workshops are situated in Chennai and various District Head Quarters all over the State which includes three Regional Deputy Directorates. This Directorate is functioning for the maintenance of Government Department Vehicles, under the control of the Director, as the Head of Department.

In this Department, the Central Automobile Workshop, at Chennai under the control of General Manager, looks after the maintenance needs of Hon'ble Chief Minister's convoy vehicles, Hon'ble Minister's, VVIP's, Secretaries to Government and other Departmental Officials vehicles. As per the policy decision of Government, New Generation Hi-tech

vehicles are being purchased by the State Government Departments to avail the advantages of modern technology, fuel economy, safety and comfort aspects.

Workshops and Maintenance

Three Workshops at Trichy, Madurai and Salem are functioning under the control of Regional Deputy Directors, other unit Offices at Coimbatore, Vellore, Dharmapuri, Nagercoil, Tuticorin, Villupuram, Cuddalore, Erode, Thanjavur, Ooty, Ramanathapuram, Kanchipuram, Tirunelveli, Virudhunagar, Sivagangai, and Dindigul are functioning for the maintenance of Government Department Vehicles, under the control of Automobile Engineers.

This Department looks after repairs and maintenance needs of nearly 22,269 Government Departmental vehicles, plying throughout the State. A Secretariat Service Station is functioning to carry out minor and

petty repairs for VIP vehicles and the supply of fuels for the vehicles of Secretaries to Government. There are 10 Fuel disbursing bunks functioning under the control of this Department.

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.

High-tech vehicle repairs training have been given to 25 technical workers during the year 2017-2018 as follows: -

Sl. No.	Training conducted by the Company name	Training details	No.of. Persons	Training Fees
1.	Tata Motors, Chennai	Tata Safari (Bullet Proof) with 2.2 litre Engine	18 Persons	Free Training
2.	TVS Lucas Indian Service Ltd., Chennai.	TVS Fuel Injection Equipments	7 Persons	10,500/-

Total no of vehicles for which repairs carried out by this Department during the year 2017-2018 are 29,604.

Number of vehicles condemned in different categories during the year 2017-2018 are as follows: -

Year	H.M.V.	Car	Jeep	Van	M/C	Total
2017-18	61	121	314	47	389	932

Financial Performance

The actual financial performances for the year 2017-2018 is as follows.

(Rupees in lakhs)

Classification	Departmental actual for 2017 - 18	
	Allotment	Expenditure incurred
<u>NON PLAN</u>		
A. Revenue	5572.26	5331.63
B. Capital	66.50	66.49

Amma Driver Training Institute

Based on the announcement made by the Hon'ble Minister for Transport, to start new "AMMA Driver Training Institutes" in Regional Deputy Director Government Automobile Workshops at Salem, Trichy and Madurai of this department for developing skilled drivers and also to provide refresher training for Government Department drivers working in various Government Departments, the Government accorded sanction for creation of the following staff as follows: -

Sl. No.	Name of the Post	No. of posts per Region	No. of posts for three Regions
1.	Automobile Engineer	1	3
2.	Instructors	2	6
3.	Office Assistant	1	3
	Total	4	12

The Government also sanction the following expenditure for the establishment of "AMMA Driver Training Institutes" for three regions as follows: -

(Rupees in Lakhs)

Sl. No.	Details	Per Region	For three Regions
1.	Construction of Buildings Phase – I and Phase - II	55.50	166.50
2.	Purchase of Computer and other Accessories	5.00	15.00
3.	Purchase of Furniture and others	5.00	15.00
4.	Training for drivers	-	15.60
5.	Creation of Staff	-	37.26
	Total	65.50	249.36

As per the Government order, necessary arrangements have been made by this department for the implementation of “Amma Driver training Institute” in the three Regional Deputy Directorate at Salem, Madurai and Trichy.

CHAPTER-16

Inter-departmental Co-ordination

The Transport Department co-ordinates with various Central Government agencies namely, Southern Railway, Civil Aviation department, Postal and Telecommunication departments to implement their projects relating to transportation sector within the State of Tamil Nadu.

- Proposals given by these departments for land acquisition are taken up with the District Collectors / Commissioner of Land Administration and other related agencies.
- Lands are acquired and handed over to them for implementation of their projects.

16.1 Modernisation and Expansion of Airports in Tamil Nadu

The Airports Authority of India has undertaken the expansion and modernisation of Chennai Airport including other non-metro Airports viz., Madurai, Trichy, Coimbatore, Thoothukudi and Salem.

The Transport Department is taking necessary action to provide the required lands for the above projects based on the request of Airports Authority of India on free of cost and free from all encumbrances. Land acquisition details are as follows :

SI. No.	Name of the Project	Land Acquisition details
1	Expansion of Chennai Airport	129.82 acres of lands have been handed over to Airports Authority of India. Further, 101 acres of lands are yet to be handed over, for which land acquisition works are under way.

Sl. No.	Name of the Project	Land Acquisition details
2	Development of Madurai Airport	<p>Administrative Sanction has been issued for 615.92 acre.</p> <p>Land Acquisition works has been completed for 466.43 acres of patta lands. Remaining 149.49 acres are poramboke lands.</p> <p>Fixation of land value for an extent of 463.12 acres of patta lands under New Act 2013 is under process.</p> <p>A sum of Rs.166.69 Crore has been sanctioned as interim compensation to the land owners.</p> <p>Further, Administrative Sanction has been accorded for 160.39 acre of lands in connection with the formation of an alternate ring road near Madurai Airport.</p>
3	Extension of Runway at Coimbatore Airport	<p>Administrative Sanction has been issued for 490.27 acre.</p> <p>Land Acquisition works have been completed for 461.90 acre for patta lands. Remaining 28.37 acres are Poramboke lands.</p>

Sl. No.	Name of the Project	Land Acquisition details
		<p>Fixation of land value for an extent of 380.07 acre under Tamil Nadu Acquisition of lands for Industrial Purposes Act, 1997 is under process.</p> <p>So far, a sum of Rs.176.28 Crore has been sanctioned as interim compensation to the land owners.</p>
4	Expansion of Trichy Airport	<p>Administrative Sanction has been issued for 345.63 acre.</p> <p>Land Acquisition works are being speeded up.</p>
5	Development of Salem Airport	<p>Administrative Sanction has been issued for 567.42 acre.</p> <p>Land Acquisition works are being processed.</p>
6	Development of Thoothukudi Airport	<p>Administrative Sanction has been issued for 586.00 acre. Further 19.77 acre of lands are additionally required.</p> <p>Land Acquisition works have been completed for 600.93 acre of patta lands. Remaining 4.66 acres are poramboke lands.</p>

Sl. No.	Name of the Project	Land Acquisition details
		<p>So far, a sum of Rs.12.61 Crore has been sanctioned as compensation to the land owners.</p> <p>Moreover, 410.85 acre of lands has been handed over to Airports Authority of India.</p>

16.2 Regional Air Connectivity Scheme (RCS)– “UDAN”

The Government of Tamil Nadu have signed a Memorandum of Understanding with the Ministry of Civil Aviation on 08.06.2017 for implementation of Regional Air Connectivity Scheme (RCS)–“UDAN” for providing connectivity to un-served and under-served Airports of the State through revival of existing Air-strips and Airports under National Civil Aviation Policy, 2016.

Based on the above Memorandum of Understanding, the Government of Tamil Nadu

has reduced VAT (Value Added Tax) to 1% on ATF (Air Turbine Fuel) at RCS Airports and for RCS flights and security and fire services to RCS Airports have been provided at free of cost. Further, 20% of VGF(Viability Gap Funding) as State share for airline operators will be funded from Tamil Nadu Infrastructure Development Fund (TNIDF) and remaining 80% of VGF would be funded by the Central Government. Each functional UDAN Airport will be provided with conditional subsidy to ensure that at least 50% of seat are sold at the rate of Rs.2,500/- per seat and thus help promote the airport in the initial years.

13 Airports have been identified in Tamil Nadu for implementation of Regional Air Connectivity Scheme - UDAN. Out of 13 Airports, Neyveli and Salem Airports have been selected in the first phase. Accordingly, flight services under the scheme has started from Salem to

Chennai on 25.03.2018. Similarly, Thanjavur and Vellore Airports have been selected in the second phase. Bidding process with the Airline operators is at the final stage and Air operations are to be commenced early. Efforts are on to encourage promoters to invest in the other eight airports.

16.3 Ongoing Railway Projects in Tamil Nadu

Railway services in Tamil Nadu are maintained by the Southern Railway. The Divisions of Chennai, Trichy, Madurai and Salem and some part of the Palghat division covers the State. The State has 3,450 kms of Broad Gauge.

Transport Department is acting as the nodal department to the Southern Railways for Land Acquisition work to implement Doubling, Electrification and laying of new tracks for freight and high speed rail link. At present, new lines and various doubling projects are

undertaken. Land acquisition details are as follows :

S. No	Name of the Projects	Land Acquisition Details
1	Milavittan – Melamaruthur (Madurai – Thoothukudi via Aruppukottai New Line)	<ul style="list-style-type: none"> • This New line will provide vital connectivity to ports and upcoming power plants in the region. • Land Acquisition for an extent of 9.61.75 Hectare of lands has been completed in Thoothukudi District and handed over to Railways. • Remaining 65.25.09 Hectare of Lands will be handed over to Southern Railway shortly for laying track.
2	Villupuram – Dindigul Doubling with Electrification	<ul style="list-style-type: none"> • 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. • Government have accorded Administrative Sanction for acquisition of lands in 6 districts namely Ariyalur, Perambalur, Villupuram,

		Dindigul, Cuddalore and Trichy and the land acquisition works are under speedy way.
3	Omalar – Mettur Dam Doubling	<ul style="list-style-type: none"> • Administrative Sanction has been accorded for acquisition of 29.20.0 Hectare of lands in 15 villages of Salem District, Land acquisition works are completed and Land Valuation works are under process.
4	Chinna Salem – Kallakurichi Broad Gauge line	<ul style="list-style-type: none"> • Administrative Sanction has been accorded for acquisition of 48.04 Hectare of lands in 11 villages of Villupuram District, Land acquisition works are completed and Land Valuation works are under process.
5	Tindivanam – Nagari New Broad Gauge line	<ul style="list-style-type: none"> • The alignment shall connect Tindivanam with Nagari which is also an important trading center for agricultural product. This project is monitored by the Hon'ble Prime Minister of India under "Pragati" Scheme. • Government have accorded Administrative Sanction for acquisition of 682.71.41 Hectare of lands in 4 Districts

		namely Tiruvallur, Tiruvannamalai, Villupuram and Vellore Districts and the land acquisition work is being done in a fast track manner.
6	Tindivanam – Tiruvannamalai New Broad Gauge line	<ul style="list-style-type: none"> • This Project involves 2 Districts namely Villupuram and Tiruvannamalai. 31.36.04 Hectare of lands have been acquired and handed over to Railways in Tiruvannamalai District and the land acquisition works for 43.26.5 Hectare are under process. • In Villupuram District, Administrative Sanction has been accorded for acquisition of 183.44.5 Hectare of lands and the land acquisition activities are under process.
7	3 rd and 4 th line between Chennai Beach – Korrukupet, Korrukupet - Ennore	<ul style="list-style-type: none"> • The alignment traverses through districts of Chennai and Tiruvallur in Tamil Nadu. It helps to increase suburban traffic in Chennai Beach and Gummidipoondi section.

		<ul style="list-style-type: none"> •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 speedy way.
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Further, the Administrative Sanction proposals for Madurai-Thoothukudi Doubling Project and Maniyachi- Nagercoil Doubling Project are under the consideration of Government.

III. Conclusion

In concluding this policy note, it is reiterated that the Transport department of the Government of Tamil Nadu is deeply committed to improving the major modes of public transport namely the Railways, Airways and the Bus Transport System. By playing the role of a facilitator in acquiring land at the fastest pace possible, the Railways and the Airport Authority

are putting together more and more plans and are speeding up implementation of their massive projects that directly benefit the state. On the part of the State Transport Undertakings, all efforts are being taken to improve the fleet with purchase of new buses and also side by side move towards newer generation buses that could contribute to improving the environment and bring down the costs on traditional fuels. Improving the functioning of the Transport Corporations is now indispensable to efficiencies that will contribute to growth and this is now being made a reality with infusing of appropriate technologies.

Tamil Nadu is poised for growth in the public transportation sphere with several initiatives and the oncoming years will see the roll out of the proposed plans and schemes that will directly impact the well-being of the citizens in Tamil Nadu in a positive manner. Better Bus services, integration of services to the general

public and making available information to facilitate travel are some of the goals being targeted. In this incremental push and efforts to streamline the STUs, it is hoped that Tamil Nadu will be a state that will be a model state in the public transportation sector. Seamless travel combining enhanced Air Traffic, further linking of Railways and improved Bus transport that would ensure last mile connectivity will achieve this and to this end the Department of Transport will strive.

M.R. VIJAYABHASKAR
Minister for Transport

ANNEXURE

DEMAND No. 48

TRANSPORT DEPARTMENT

BUDGET ESTIMATE 2018-2019

(Rupees in thousands)

SI No.	Head of Department	Revenue	Capital	Loan	Total
1	Secretariat	840,41,58	790,28,87	1,025,00,01	2,655,70,46
2	Motor Vehicles Maintenance Department	60,63,92	1,00,00	-	61,63,92
Total		901,05,50	791,28,87	1,025,00,01	2,717,34,38