

TRANSPORT DEPARTMENT

**POLICY NOTE
2020-2021**

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Minister for Transport**

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**GOVERNMENT OF TAMIL NADU
2020**

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TRANSPORT DEPARTMENT

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CHAPTER-1

Introduction

1.1 Mobility is as basic to the human existence as food and shelter. Hence people require various transport options to fulfil their basic needs. More evolved and equitable societies possess efficient and affordable transport systems. Higher trajectory of economic growth as well as harmonious social relations need a well integrated and comprehensively expanded public transport systems.

An efficient transport system is the backbone of urban development and financial progress of the state. It is responsible not just for movement of man and material but also social mobility of the society. In this regard, the Transport Department of the Government of Tamil Nadu is striving to promote safe and secure mobility of people through an efficient, affordable and environmental friendly public transport system. Being one of the most developed states in India, Government of Tamil Nadu has been a front runner in connecting the entire state through a low cost but reliable and efficient public transport system which is one of the best in country with lowest fare structure. Grass root transport connectivity has ensured bus service availability to every habitation in the state.

1.2 Status of Public Transport in Tamil Nadu

The Department of Transport, Government of Tamil Nadu is leader among the Public Transport Corporations in India. The STU's of the Government of Tamil Nadu, transport about 17 million people every day. More than 60% of public urban transport buses operated in India are in South India with a significant share from Tamil Nadu. The STU's in Tamil Nadu have the lowest fares with the highest fleet utilization and good network coverage in India. The Transport Department already operates one of the largest fleet of buses in the country. This added with a dense network of rail network and airports makes it one of best transport infrastructure regions in the world.

1.3 Proliferation of Private Transport a Challenge

The State of Tamil Nadu is a leader in Human Development Index Charts compared to other states. The per capita income of Tamil Nadu is also one of the highest among states. This higher income has also led to Tamil Nadu becoming one of the top 5 states for Private Car ownership besides highest numbers of two wheeler ownership. This economic prosperity has led to a large scale migration of people from Public Transport to Private Vehicles resulting in severe unsustainable stress on our roads especially in cities. Between 2008 to 2018, total numbers of motorable vehicles has increased from 1,00,69,010 to 2,56,61,847 while the mode share of buses in Chennai has dropped from 26% to 22.6% during the same period.

1.4 Objectives of Transport Department

The Transport Department is firmly committed to provide a clean, dependable and accessible transport system for all the citizen of the state. The Transport Department is also committed to the public transport goal envisaged in Vision 2023. In this regard the transport department has consistently implemented policies, projects and collaborations to realize this mission. Also to reverse the falling mode share trend, the Transport Department in collaboration with the 8 State Transport Undertakings is working on Turnaround Strategy. This will not just include increasing buses but also improve the entire public transport experience.

The Transport Department broadly aims to provide the following:

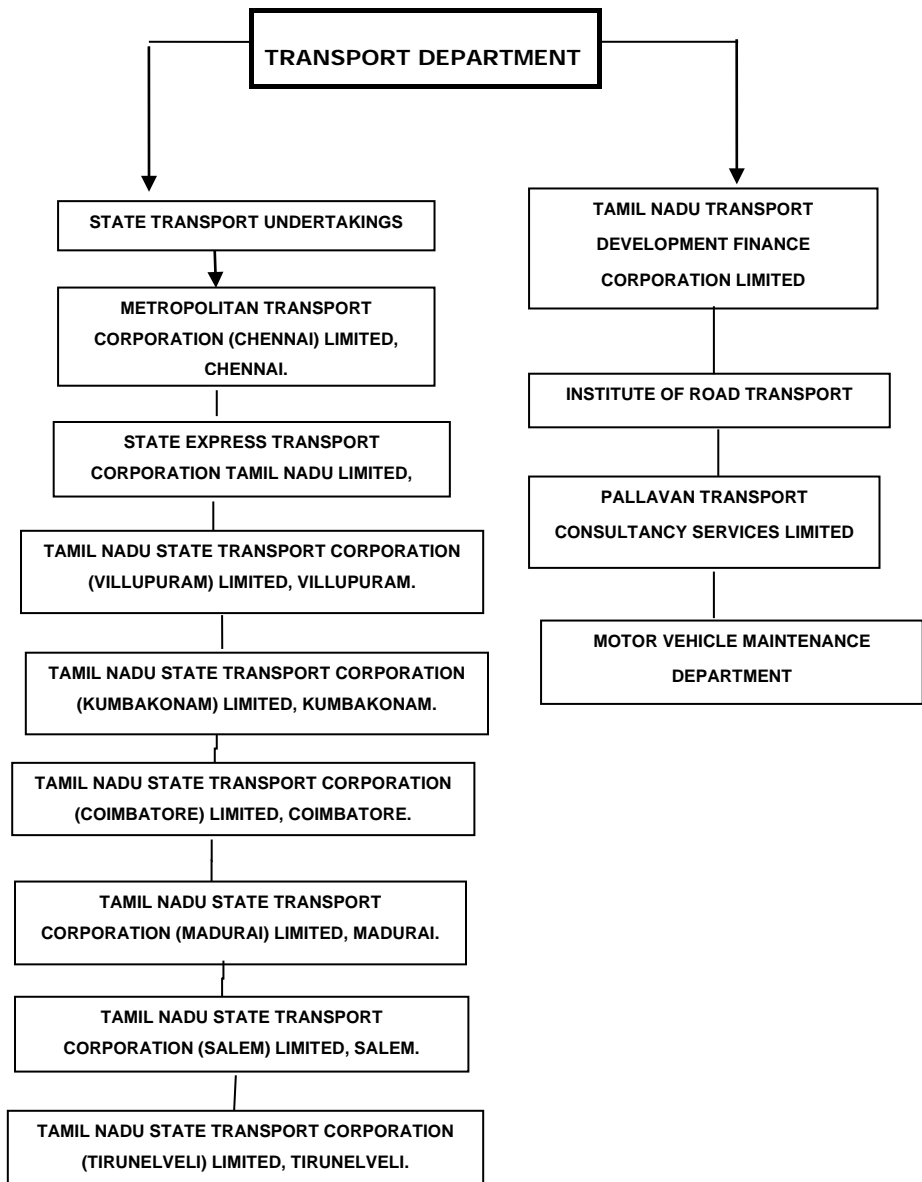
1. Provide policy direction to galvanize vision to reality
2. Provide financing for buses and necessary infrastructure for the operation of the buses thereby providing a cleaner, dependable and efficient transport system.
3. Improve Intermodal Connectivity
4. Improve Transport Experience in terms of reliability, safety & security, ticketing system and passenger information system.

1.5 Organisation setup of Transport Department

The Transport Department is headed by the Hon'ble Minister for Transport and Principal Secretary to Government. The department has 79 Administrative Staff

which includes one Joint Secretary, one Deputy Secretary and 4 Under Secretaries along with one officer and 6 staff in the Chairman's Office.

The Transport Department has administrative control over the following organizations.



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

CHAPTER-2

State Transport Corporations at a glance

2.1 Efficient and safe transport operation has been the main objective of the State Transport Undertakings, coming under the Administrative control of the Transport Department. Eight Transport Corporations together provide various categories of services like City or Town buses, Mofussil, Express and Ghat services. The Transport Department is also the Nodal Agency of the State Government in respect of Railway and Airports projects to be implemented within the State of Tamil Nadu.

2.2 History of Tamil Nadu State Transport Corporation

In 1944, the British Government of India appointed a Committee to analyse the status of public transport in country which

recommended nationalization of transport sector in India due to lack of service of public interest by the private transporters who were totally driven by profit maximisation. Accordingly, on 24.03.1947, private buses operated in Madras Presidency numbering 239 were nationalized by the Government. After re-organization of the States, the name "Government Bus Service" was changed into "State Transport Department". In order to improve efficiency through operational autonomy the State Transport Department was converted into a Public Sector Undertaking and the erstwhile Tamil Nadu State Transport Vehicles and administration operated in Chennai and Chengalpattu was registered under the Companies Act, 1956 and named as Pallavan Transport Corporation Limited on 01.01.1972.

The establishment of Pallavan Transport Corporation Limited paved the way for inception of other State Transport Corporations.

2.3 Objectives of State Transport Undertakings

The Transport Department of Government of Tamil Nadu proposes policies that make bus transportation user friendly, affordable, efficient, equitable, economically viable and environmentally sound. It strives to make the reach of bus services closest to the residences, work places and commercial set-ups of the commuters.

2.4 Policy imperatives for a sustainable public transport system

The objective of the Government is to establish a self reliant bus transport system which will provide a seamless connectivity to

the commuters till the last mile in entire state, is user friendly and provides rich ridership experience. As regards bus services, timely arrival at stops and reduction in trips time are major challenges along with wider route coverage and last mile connectivity. All these objectives are being achieved through creating more connectivity and multi modality, replacement of old buses with new buses which provide more safety and better passenger amenities and wide scale use of information, communication technology. Mapping existing routes and providing last mile connectivity will also be the focus of the Government. Promoting non-motorized transport and reducing reliance on personal transport and increasing share of public transport in urban mobility are the focus of the Government. Government proposes to achieve these

through improving the reliability and amenities in public transport especially bus services. Transport department is focused to improve last mile connectivity and promote use of information, communication technology which is user friendly and provides feedback mechanism from commuters to plan and improve bus services and provide pleasant ridership experience.

Government is aware of the requirement of large scale investment in public transport infrastructure and has been investing substantial amount on improving roads, providing better buses, improving pedestrian amenities etc., Government has also been associated with various multi-lateral agencies such as World Bank, JICA and Kfw etc., to source knowledge and funds to improve public transport. Green initiatives such as introduction of e-buses to

reduce pollution and provide effective action against climate change and reduce health hazard to citizen is also the priority of the Government.

2.5 Performance of State Transport Undertakings

The Department of Transport, Government of Tamil Nadu is one of the leaders in Public Transport. The eight State Transport Undertakings of the Government of Tamil Nadu cover every village in the state, provide connectivity to almost all areas in urban habitations and also provide inter-state and inter district connectivity on a wider scale and transport about 1.64 Crore people every day. The STU's in Tamil Nadu have the lowest fares with the highest fleet utilization and good network coverage in India.

State Transport Corporation of Tamil Nadu have a fleet strength of 20,944 buses including 1,448 spare buses as on 31.01.2020. The number of scheduled services as on 31.01.2020 is 19,496. All State Transport Corporations operate an average of 84.07 lakh kilometres per day. As on 31.01.2020, the total staff strength including reserve is 1,26,089. There has been positive trends in the performance indicators of the State Transport Undertakings due to effective and sustained measures taken by them. Fuel efficiency of 5.25 KMPL in March 2011 has been increased to 5.33 KMPL during January 2020. Kilometre run per condemned tyre of 1.65 lakhs KM in March 2011 has increased to 2.53 lakhs KM in January 2020.

2.6 Recent initiatives of Transport Department

The State Transport Undertakings under the Transport Department of Government of Tamil Nadu have implemented following projects in the last few quarters.

i) Introduction of New Buses

The Government of Tamil Nadu during 2018-2019 and 2019-2020, have introduced 5,000 buses across 8 State Transport Undertakings at a cost of Rs.1,502 Crore. This has led to reduction of the average age of buses in Tamil Nadu to 6.1 years. All these buses are AIS 052 compliant. These buses have been well received by the public.

**ii) Locate and Access My Bus
(LAMB)**

The Transport Department has implemented Passenger Information System across its entire fleet of buses operated by 8 State Transport Undertakings. The "Locate and Access my Bus" project will allow for accessing the location of the buses and arrival time at the bus stops across the state both on a web and on downloadable mobile application.

iii) Introduction of A/C Buses

Considering the demand from citizen, Metropolitan Transport Corporation Limited (MTC) has introduced 48 A/c city buses on select routes in Chennai. TNSTC (Kumbakonam) Limited has also introduced two A/c city buses on

selected routes in Karur region. Similarly, 240 A/c buses have been introduced by State Express Transport Corporation (SETC TN Ltd) on long inter-state routes with 34 buses having sleeper facilities. Further, 100 new A/c mofussil buses with 3 x 2 seating arrangements are being operated by other State Transport Undertakings all over the state. More Air-conditioned buses will be added to the fleet of all State Transport Undertakings.

iv) Road Safety Initiatives

The Transport Department is committed to Zero Accidents involving state vehicles. To this effect, the State Transport Undertakings have implemented many measures like Automatic Door Closing, Additional Mirrors to address issue of Blind spots

in Buses, Driver Training, Driving Simulators etc. This has significantly reduced the number of accidents involving state owned buses. The Transport Department is also closely working with the Transport Commissionerate to further expand these initiatives.

v) State Sustainable Urban Transport Policy

The Transport Department is currently actively working on the State Urban Transport Policy in collaboration with other agencies like Highways, Transport Commissionerate, Railways, Chennai Corporation and other stakeholders. The policy will provide a framework for Public Transport expansion and usage in both rural and

urban areas. The policy strongly envisages goals to be achieved in a time bound manner. The policy lays stress on data management and analytics and impetus areas to achieve the goal of expanding usage of public transport.

2.7 Commitment to Climate Friendly Initiatives

The Transport Department has already signed the C40 Clean Bus Declaration. In 2018, Tamil Nadu became the first state in India to sign this global declaration indicating its strong commitment to migrate to clean and green fuel. In doing so, it has joined an elite group of cities globally to demonstrate its commitment towards reducing emissions from public bus transport. The department of Transport, Government of Tamil Nadu is working with

C40 Cities Climate Leadership Group to create a robust framework and roadmap for introduction of electric buses in Chennai, by adopting best practices and learnings from other electric bus implementations globally. Over the next few years, the Transport Department is expected to replace about 12,000 buses of which about 2,000 would be electric buses across STU's in the state. This would make Tamil Nadu one of the largest electric bus operating regions outside China. The State is already in the process of procuring 525 Electric buses as part of FAME II (Faster Adoption and Manufacturing of Electric Vehicles) initiative of the Department of Heavy Industries and Public Enterprises of Government of India. These initiatives are part of the commitment of the state to make the Transport Emission of the state carbon neutral in the near future.

2.8 Challenges faced by the Transport Department

The public transport systems in developing countries of the world are facing severe challenges from various factors such as advent of private transportation, traffic congestion, issues in providing last mile connectivity and usage of conventional fuels resulting in environmental issues. Following challenges are faced by the State Transport Undertakings.

i) High operational cost of buses

The competition from private modes and their cost effectiveness and high infrastructural, institutional and organizational costs to be borne by the State Transport Undertakings besides lack of

norms restricts revenue generation for self sustainability by the public transport. At the same time, due to competitive demand by various Government agencies, there are limitations to the funding of transport infrastructures by the Government.

ii) Institutional Co-ordination

Transport is operated in a very distributed ecosystem. A formal stakeholder engagement would strongly improve efficiency. Transport department is closely working with Southern Railways, Airports Authority of India and Chennai Metro Rail Limited to provide last mile connectivity to the public.

iii) Capacity

The progress of technology has accelerated significantly in the last few years. This requires significant improvement in the capacity of the staff to make the transport corporation relevant and stay competitive. The Transport department is working closely to improve the internal capacity of its staff.

iv) Infrastructure Restrictions (Depot Upgradation)

With increase in the population, the need to increase buses is consequential. Road congestion due to ever increasing personal vehicles as a consequence of low cost of owning personal vehicles

and lack of space in the city limits the capacity addition of buses and depots by the State Transport Undertakings in cities thereby leading to reduced frequency. A consistent need for more space to accommodate buses requires capital investment and additional FSI for improving capacity of the existing depots. In this regard TNIDB is assisting the Metropolitan Transport Corporation in preparing DPR for the Modernization of following depots:

- a. Adyar
- b. Perumbakkam
- c. Central Depot
- d. Anna Nagar
- e. Poonamalle

These depots are also part of the Phase 1 of depots to be used for Electric Buses Deployment under KfW project.

v) Traffic congestion

Low cost of owning and operating private transportation and increasing patronage of other un-organized modes of transportation such as share autos, mini van etc., results in traffic congestion. This added with lack of parking policy and spilling of private vehicles and transports on road eats into road carriage width and affects the efficiency of State Transport Undertaking buses besides increasing time to completion each trip and fuel consumption.

2.9 Proposed Projects

i) CCTV in Public Buses

Taking strong cognizance of Woman Safety, Transport Department is currently implementing installation of CCTV in State Transport Undertaking buses. This is being done under the Nirbhaya Safe Cities Fund. As per the plan, cameras are to be fitted in each of the 2,000 MTC buses identified on various routes in Chennai city. Additionally CCTV's will also be fitted at various terminals. The project will be rolled out to more buses based on the feedback from users. During 2020-2021, the Government have allotted 75.02 Crores for this project.

ii) Common Mobility Card & Electronic Ticketing Machine

Metropolitan Transport Corporation Limited, Chennai has already been accorded administrative approval to implement E-ticketing and an Open Loop Common Mobility Card System. Under the project, the commuters will be issued tickets through ETMs and will also be able to use their bank card as well as mobility cards on the Public Transport System across the State.

iii) Road Safety Initiatives

The Transport Department is committed to Zero Accidents involving state vehicles. To this effect, the STU's are working to

implement a range of projects. The Transport Department is also closely working with the Transport Commissionerate to further expand these initiatives. Following initiatives are proposed under the program:

- a) Proximity Buzzers
- b) Body Under Run Protection for Buses Plying on High Accident Routes
- c) Color Coded Terminals for reduced collisions
- d) Automatic Door Closers
- e) On Board Passenger Announcements
- f) Blind Spot Mirrors
- g) Scientific Analysis of Accidents

- h) Hiring of Communication Consultant
- i) Driver Training
- j) Upgradation of Crew Facilities

iv) State Mobility Task Force

The Government of Tamilnadu has constituted the State Mobility Task Force. This group will assist the Transport Department in framing a Sustainable Urban Transport Policy. The objective of the task force is to formulate a Mobility Strategy for the state of Tamil Nadu.

v) KfW Funded Projects

A. Low Emission Bus Procurement

The Government has decided to procure about 2,213 BS VI

compliant buses with financial assistance from KfW at a cost of Rs.1,580 Crores. This would reduce emissions footprint of the State Transport Undertakings. During 2020-2021, Rs.960 Crores has been allotted by the Government for the above.

B. Electric Bus Procurement

The Transport department is strongly inclined to reduce emissions and the Government has decided to procure 500 Electric buses through financial assistance from KfW. This would be done in a phased manner and eventually, the Government of

Tamil Nadu will migrate all of its buses into Electric buses.

C. IT Up-Gradation

Information Technology is an inseparable part of operations in today's world. To keep a competitive edge in Transport Operations, the Transport Department has proposed an IT up-gradation project that will improve the planning capability and replace manual data entry process in State Transport Undertakings across the state.

D. Programme Implementation Unit (PIU)

The Transport Department has instituted a Program Implementation Unit (PIU) for coordinating all the projects to be implemented with KfW funding. This group has both Government Officials and Third Party Transport Experts and leading academicians. This group will also assist in evaluating the roadmap and interdependencies of the projects.

2.10 Units of State Transport Corporations

All the State Transport Corporations put together have following Units: -

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

2.11 Bus services operated by the State Transport Corporation

The details of various bus services being operated by the State Transport Corporations as on 31.01.2020 is given below: -

Chennai Metro – City services	3,439
Town Services (in Districts)	6,636
Mofussil services	7,842
Ghat services	497
Express services	
Inside State	615
Outside State	467
Total Services	19,496
Spare Buses for total services	1,448
Total Fleet Strength	20,944

2.12 Physical Performance Indicators

From 2011-2012 to 2019-2020 (upto January 2020) following are the major physical performance indicators of the STUs in Tamil Nadu:

Item	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20 (upto Jan'2020)
Fleet Strength	21,207	22,053	22,501	22,474	23,078	22,533	21,744	21,542	20,944
Scheduled Services	19,507	20,500	20,684	20,684	20,839	20,776	19,490	19,489	19,496
Total Kilometres operated per day (in lakhs Kms)	88.44	89.78	91.20	90.21	94.02	92.55	87.22	85.23	84.07
Breakdown / 10,000 Km	0.01	0.01	0.01	0.004	0.004	0.004	0.003	0.002	0.002
Accidents/ 1,00,000 Km	0.22	0.20	0.20	0.18	0.18	0.16	0.15	0.14	0.12
Fatal accidents	1,237	1,233	1,187	1,165	1,258	1,209	1,085	1033	739
No. of persons dead in accidents.	1,397	1,382	1,318	1,331	1,460	1,373	1,247	1159	834
Fuel Performance (KMPL) Average	5.25	5.27	5.26	5.30	5.29	5.33	5.33	5.33	5.33
Km run per condemned tyre (in lakh kms)	1.65	1.80	1.82	1.92	2.01	2.08	2.22	2.37	2.53
Men per bus	6.40	6.31	6.43	6.48	6.52	6.51	6.82	6.53	6.39

2.13 Operational cost

The percentage of cost components during the year 2019-2020 (upto January 2020) are as follows:

Sl. No.	Components	Percentage
1.	Salary	54.33
2.	Diesel	27.02
3.	Repair and Maintenance	2.15
4.	Depreciation	3.21
5.	Interest	9.25
6.	Taxes	1.38
7.	Others (EB, Stationary, etc.,)	2.66
	Total	100.00

2.14 Revenue of State Transport Corporation

Due to frequent diesel price hike, increase in the cost of spare parts, Wage agreement, hike in D.A. to the employees etc, has led to the State Transport

Corporations incurring additional expenditures every year. The total income details of the Corporations for the past eight years are as follows:

(Rupees in Crores) /day

Year	Bus collection per day	Other Revenue	Total income
2012-13	19.87	3.01	22.88
2013-14	20.12	4.59	24.71
2014-15	20.50	4.41	24.91
2015-16	20.76	2.77	23.53
2016-17	20.76	4.91	25.67
2017-18	21.41	5.27	26.68
2018-19	24.17	5.20	29.37
2019-20 (upto Jan' 2020) (Pre Audit)	24.04	4.96	29.00

2.15 Financial Assistance by the Government

Between 2011-2012 and 2019-2020 (upto January 2020), Government have sanctioned a sum of Rs.18,092.17 Crores

towards Share Capital Assistance, Loans, Ways & Means Advances, Grants and reimbursement of Student Concession to the STUs as tabulated below:

i. Share Capital Assistance

(Rs. In Crores)

Year	Share Capital (New Bus)		State Innovation fund	ETM machine	Reduce outstanding liability loan in the Books, as working capital/Improve Liquidity & gap Capital Expenditure	Total
	TDFC	STUS				
2011-12	-	155.26		7.03	-	162.29
2012-13	-	150.00		24.63	-	174.63
2013-14	-	-		-	350.00	350.00
2014-15	-	125.00		-	228.00	353.00
2015-16	-	-		-	150.00	150.00
2016-17	-	150.00		-	0	150.00
2017-18	-	-		-	0	0
2018-19	712.54	-		-	0	712.54
2019-20 (upto Jan' 2020)	302.06	140.00	0.50	0	0	442.56
Total	1014.60	720.26	0.50	31.66	728.00	2495.02

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

ii. Loans and Ways & Means Advances

(Rs. in Crores)

Year	New Bus	Bus Body Renovation	Motor Accident Claim Original Petition	Diesel	Wage Settlement and Bonus & DA arrear	Retired staff settlement	Total
2011-12	137.50	24.40	25.00	81.03	178.14	-	446.07
2012-13	-	-	13.91	-	-	-	13.91
2013-14	-	24.40	-	-	-	-	24.40
2014-15	81.61	-	39.73	-	-	-	121.34
2015-16	125.00	-	-	-	360.00	116.00	601.00
2016-17	57.34	-	-	-	198.45	-	255.79
2017-18	-	-	385.23	-	261.63	2247.39	2894.25
2018-19	125.00	-	-	-	325.47	487.55	938.02
2019-20 (upto Jan' 2020)	-	-	-	-	206.52	1093.00	1299.52
Total	526.45	48.80	463.87	81.03	1530.21	3943.94	6594.30

iii. Grant

(Rs. in Crores)

Year	Motor Accident Claim Original Petition	Diesel	CM award to accident free drivers	Total
2011-12	20.00	-	2.78	22.78
2012-13	20.00	200.00	2.78	222.78
2013-14	20.00	500.00	1.60	521.60
2014-15	20.00	600.00	2.78	622.78
2015-16	30.00	256.72	2.78	289.50
2016-17	30.00	617.17	5.88	653.05
2017-18	30.00	816.12	3.86	849.98
2018-19	30.00	333.08	3.00	366.08
2019-20 (upto Jan' 2020)	30.00	237.55	-	267.55
Total	230.00	3,560.64	25.46	3,816.10

iv. Reimbursement of Student Concession passes

The Government have sanctioned Rs.5,094.35 Crores towards student concession reimbursement between 2011-2012 to 2019-2020 (upto January 2020) to all State Transport Corporations (except State Express Transport Corporation Tamil Nadu Limited).

v. Senior Citizen and other passes

The Government have also sanctioned 92.40 Crores being the amount reimbursed to Metropolitan Transport Corporation Limited, Chennai towards Senior Citizen passes and other passes issued by all State Transport Undertakings.

2.16 High Speed Diesel (HSD) Reimbursement

In order to offset the price increase in HSD, between 2012-2013 to 2017-2018 Government has reimbursed following amount to the STUs.

(Rs. in Crores)

SL No.	Year	Amount
1.	2012-2013	200.00
2.	2013-2014	500.00
3.	2014-2015	600.00
4.	2015-2016	256.72
5.	2016-2017	617.17
6.	2017-2018	816.12

Now, the Government has fixed base price of diesel as on 20.01.2018 (date of bus

fare revision) and permitted all State Transport Undertakings to seek reimbursement of any increase in HSD cost above the base price. Accordingly, Rs.333.0766 Crores has been sanctioned for the year 2018-19 and Rs.237.55 Crore has been sanctioned for the year 2019-20 (upto January 2020).

CHAPTER-3

Road Safety Measures

3.1 As a most urbanized state, Tamil Nadu experiences movement of more number of vehicles on road. In order to improve road safety and reduce accidents, this department is vigorously working to enhance safety record of the State Transport Undertakings. The accidents are being analysed for their causes and constant training is being given to the drivers to reduce and eliminate the same. Issues such as more accident near boarding / alighting areas, higher frequencies in certain month and certain time of the day and its connection with the type of road and different categories of users are also analysed and remedial measures initiated.

3.2 Measures to reduce the Road Accidents

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

- i.** Frequent training of the drivers and conductors and co-ordination with other departments and stake holders initiated.
- ii.** Hot spot have been mapped.
- iii.** Use of cell phones and consumption of alcohol during driving is prohibited.
- iv.** Surprise breath analysing tests by the squads of Transport Department / Corporations are being conducted to detect cases of drunken driving, if any and periodical regulatory monitoring by

the department including through Police department.

- v.** Crew rest rooms are being upgraded with modern facilities to ensure proper rest.
- vi.** In the identified hot spot, with the help of Highways and Police Department, action is being taken to prevent accidents by improving roads, signage and traffic movements in accident prone areas.
- vii.** The Chief Minister's Awards are given to drivers to encourage accident free driving. The Government have sanctioned a total amount of Rs.25.46 Crores for this award between 2011 to 2019 as indicated below:

(Rs. in Crores)

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
2018-2019	3.00
Total	25.46

The details of fatal accidents during the past 7 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
2018-19	19,489	1,033	1,159
2019-20 (upto Jan' 2020)	19,496	739	834

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

3.3 Accident Claim Settlement Fund

During the year 2010 – 2011, a separate Corpus Fund was formed with an intention to give compensation to the injured and the legal heirs of the deceased affected in accidents involving State Transport Corporation buses at the earliest. Accordingly, for the period from 2010-2011 to 2014-2015, each year a corpus fund of Rs.40 Crores was established with an yearly contribution of Rs.20 Crores by the State Government and the balance Rs.20 Crores being contributed proportionately by all State Transport Corporations. From the year 2015-2016, the amount of corpus fund was increased to Rs.60 Crores with an yearly contribution of Rs.30 Crores by the Government and the balance of Rs.30 Crores to be contributed by all State Transport

Corporations. The above Fund is administered by Tamil Nadu Transport Development Finance Corporation Limited, Chennai. With effect from 20.01.2018, a cess is being collected from all passengers towards Accident Compensation, funding of accident prevention measures and Toll Fees as follows to augment the above fund:

(In Rupees)

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

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

i. Death case

(Rs. in lakh)

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

ii. Injuries

(In Rupees)

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

The Government have also constituted a committee and framed the procedure to be followed for quick settlement. So far, the State Transport Undertakings have made direct settlement through this scheme in 37 cases settling an amount of Rs.82.69 lakhs as on 31.01.2020.

3.4 Tamil Nadu State Transport Corporation Accident Compensation and Toll Fee Fund Trust

Tamil Nadu State Transport Corporation Accident Compensation and Toll Fee Fund Trust has been formed to Administer the Cess Collected and settle the claims.

3.5 Settlement of cases through Lok-Adalat

Continuous efforts are being made to settle the claims of accident compensation from the Corpus Fund through Lok-Adalat. The settlement of accident compensation cases made through Lok-adalat by the State Transport Corporations during the past 9 years is given below:

(Rs. In lakhs)

Year	No. of cases	Amount paid through Lok-Adalat
2011-2012	884	997.21
2012-2013	1,867	3,466.29
2013-2014	1,160	569.22
2014-2015	897	1,028.14
2015-2016	479	1,222.62
2016-2017	404	1,241.25
2017-2018	1,187	4,883.14
2018-2019	2,832	15,964.20
2019-2020 (upto Jan' 2020)	882	2780.48
Total	10,592	32,152.55

CHAPTER-4

Measures initiated for improving Public Services

4.1 Operation of buses

The State Transport Undertakings are currently operating 19,496 scheduled bus services as on 31.01.2020. Exercise of route rationalisation is being carried out continuously to reduce unhealthy competition between State Transport Undertakings on the same routes, identify the routes having lesser patronage to adjust fleet on the route and accordingly merge parallel routes etc. It is proposed to use data from LAMB and ETMs to rationalise the routes in future. This exercise is being carried out to bring greater operational efficiency besides improving access of public transport to the public by adding services in un-served areas.

4.2 Introduction of new buses

The Government have ordered for procurement of 14,153 new regular buses to replace very old buses in all State Transport Undertakings as listed in the table below. Besides, 208 Hill area buses and 300 Small buses have also been procured by the Government between 2011 to 2020 (upto January 2020):

Year	No. of buses	Hill area buses	Small Buses
2011-12	3,000	-	-
2012-13	2,953	-	100
2013-14	-	208	-
2014-15	1,200	-	100
2016-17	2,000	-	100
2018-19	3,000	-	-
2019-20	2,000	-	-
Total	14,153	208	300

4.3 New depots

As on 31.01.2020, a total of 322 bus depots are operating in the State. Out of 74 new depots for which construction has been taken up, service has been made operational in 44 depots, while work is nearing completion for 4 depots.

4.4 Introduction of Small buses in Chennai

In order to connect un-served areas with main roads in Chennai Metropolitan area, the Metropolitan Transport Corporation (Chennai) Limited is operating 150 Small buses on 69 routes. This has been very well received by the public.

4.5 Ladies Special Buses

For the benefit of women and children, 210 Ladies Special Buses are being operated on 56 routes in Chennai during peak hours

by Metropolitan Transport Corporation (Chennai) Ltd., Chennai.

4.6 Buses for Differently-abled

13 Differently-abled friendly buses have been introduced by this Government and are now being operated by the Metropolitan Transport Corporation (Chennai) Limited Chennai

4.7 Mini bus services in Hilly areas

The Government have ordered for procurement of 208 Mini Buses at a cost of Rs.35 Crores and 79 Mini Buses have been put into operation to benefit the public in un-served hill areas.

4.8 Buses with pantry-cum-toilet facility

State Express Transport Corporation Tamil Nadu Limited operates 60 pantry-cum-toilet facility buses.

4.9 Festival Special buses

All State Transport Corporations run special bus services during festival season for the benefit of the public. The details of the special services operated and revenue earned during last seven years are as follows:

(Rs. in Crores)

Year	Festival	No. of Special services operated	Total Revenue earned
2012-2013	Deepavali Pongal	7,958 7,135	87.37 89.70
2013-2014	Deepavali Pongal	10,484 9,546	86.93 93.41
2014-2015	Deepavali Pongal	10,499 8,548	83.96 81.86

Year	Festival	No. of Special services operated	Total Revenue earned
2015-2016	Deepavali Pongal	15,540 7,160	83.92 90.51
2016-2017	Deepavali Pongal	15,033 13,337	85.75 95.05
2017-2018	Deepavali Pongal	14,113 13,407	89.36 75.80
2018-2019	Deepavali Pongal	11,503 11,914	101.24 109.53
2019-2020	Deepavali Pongal	11,288 12,981	98.28 129.37

4.10 Voluntary Blood Donation Scheme

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

4.11 Rooms for lactating mothers

In an initiative aimed at helping lactating mothers who travel, Government ordered for setting up of separate rooms in bus terminals across the state to help them feed their babies in privacy. Accordingly, lactating room for mothers have been opened in bus terminals.

4.12 Introduction of 3x2 A/C buses in State Transport Undertakings

100 new A/C buses with 3 x 2 seating arrangement are being operated for the public all over Tamil Nadu by State Transport Undertakings other than 240 A/C buses run by SETC, 48 buses run by MTC and two A/c city buses run by Tamil Nadu State Transport Corporation (Kumbakonam) Limited.

4.13 Introduction of Sleeper A/C in SETC Buses

34 A/C sleeper coach buses and 106 A/C Sleeper-cum-Seater buses have been introduced by the State Express Transport Corporation Tamil Nadu Limited, Chennai.

CHAPTER-5

Fare concessions

5.1 Travel Concessions are provided for the following categories of persons

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

- vii.** Senior Citizen Bus Travel Pass – In all Metropolitan Transport Corporation Buses other than Air-Conditioned buses from 21.02.2016.

5.2 Special Concession to Students

The Government have granted following free travel concessions in all State Transport Corporation buses (except State Express Transport Corporation Tamil Nadu Limited) to encourage School and College Student. The concession amount is being 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 also extended to the students belonging to the following category of Educational Institutions from 2013-2014 onwards.

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

5.3 50% Travel Concession

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

5.4 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.

5.5 Students Concession reimbursement to State Transport Corporations

Between 2011-2012 to 2019-2020, the Government have sanctioned following amount towards reimbursement of Travel Concession passes to students studying in Schools / Colleges / Polytechnics / ITIs etc.,

(Rs. in Crores)

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
8.	2018-2019	764.72
9.	2019-2020 (upto Jan' 2020)	1010.05
	Total	5094.35

5.6 E-ticketing

With effect from 03.10.2011, online e-ticket booking for long distance routes was introduced for the benefit of the travelling public in State Transport Corporation buses. Booking through e-ticketing on an average increased to 69.17% during 2019-2020 (upto January 2020).

5.7 Travel as you please tickets on monthly basis

To benefit the passengers travelling in Town buses of State Transport Undertakings in Chennai and other Municipal Corporation areas such as Madurai, Coimbatore, Salem, Trichy, Tirunelveli, Vellore, Tiruppur, Erode and Thoothukudi, Travel as you please tickets on monthly basis are being issued at Rs.1000/- per ticket under certain conditions to assist passengers.

5.8 One Third Concession Bus Pass

1/3rd concession bus pass scheme was implemented in City / Town buses for the benefit of regular travellers. It has been extended to mofussil buses from the year 2013-2014 onwards. The scheme is very well received by the regular travelling public.

5.9 Group Ticket Concession

From the year 2013-14 onwards, 10% discount is being offered for reservation of tickets for 10 or more persons as a group who are travelling in the mofussil services of the State Express Transport Corporation Limited and other State Transport Undertakings. Till date, 30,477 such reservations have been done. 3,94,264 commuters have benefited and availed concession worth Rs.130.89 lakhs up to 31.01.2020.

5.10 Online Electronic Ticketing Machine

Under this scheme, 16,282 Electronic Ticketing Machines (ETM) have been introduced in all State Transport Undertakings with financial assistance of Rs.31.66 Crores sanctioned by the Government. 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.

5.11 Cancer patients

Government has offered travel concession to poor cancer patients and one attender coming from rural areas to higher institutions in cities for check-up and follow-up when travelling in the buses of the State Transport Undertakings. The concession

amount is reimbursed by the Government to the STUs on account of this concession. Reimbursement details are given below:

(Rs. in Crores)

Year	Amount
2014-2015	0.1800
2015-2016	0.1800
2016-2017	1.0218
2017-2018	0.5857
2018-2019	0.6775
2019-2020	0.8626
2020-2021	0.8626

CHAPTER-6

Revenue Enhancing Measures

6.1 Disposal of Condemned vehicles (e-Auctioning)

In order to obtain the best price for condemned buses and other scrap, 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. 8,410 vehicles have been condemned in the past nine years (2011 to 2020 (upto Jan' 2020) and Rs.108.85 Crores has been earned by State Transport Corporations.

6.2 Revenue through Advertisement

The State Transport Corporations have earned a sum of Rs.136.68 Crores during past nine years through advertisement boards on the buses.

6.3 Motels

A sum of Rs.29.56 Crores has been earned by State Transport Undertakings during past nine years through tie-up with 22 motels on the routes of long distance buses having infrastructure facilities such as additional bus parking, safe drinking water, modernized dining and hygienic food and snacks supplied to the passengers at reasonable prices.

6.4 Parcel and Courier services

Through Parcel and Courier Services, the State Transport Corporations have earned a sum of Rs.4.93 Crores during past nine years.

6.5 Cost rationalisation among State Transport Undertakings

In order to improve physical and financial performance of State Transport

Undertakings, Government constituted a Committee for 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 bring cost and revenue efficiency in the operations of State Transport Undertakings.

CHAPTER-7

Employees Beneficial Measures

7.1 The State Transport Undertakings have a total employee strength of 1,26,089 staff. The break-up of the employees falling in various categories is as follows.

Sl.No.	Category	No. of employees
1.	Managerial Staff	522
2.	Administrative Supervisory	641
3.	Administrative Staff	4,333
4.	Technical Supervisors	1,652
5.	Technical Staff	15,584
6.	Traffic Supervisors	1,555
7.	Drivers	52,022
8.	Conductors	49,780
	Total	1,26,089

7.2 Filling up of vacancies

Following vacancies have been filled by State Transport Undertakings from 2011-2012 to 2019-2020.

Year	Reserve Driver	Reserve Conductor	Technical	Compassionate ground appointment	Total Recruitment
2011-20 (upto Jan' 2020)	15,588	15,200	4,781	2,354	37,923

7.3 Regularisation of service of State Transport Corporation Employees

In the past nine years, the State Transport Corporations have regularised the services of following daily paid employees in the category of driver, conductor and technical staff.

Driver	Conductor	Technical	Total
20,718	21,556	5,241	47,515

7.4 Master Health Check-up

Top priority has been given to the health and well being of employees to run State Transport Undertakings effectively. The employees of the State Transport Undertakings who are aged above 45 years are provided with the facility of Master Health Check-up from the year 2012-2013 onwards. The scheme was extend to all employees of State Transport Undertakings from the year 2013-2014.

7.5 Monetary benefits to the retired employees

From 2011, a sum of Rs.1,652.97 Crores has been paid towards payment of Provident Fund to the retired employees of the State Transport Corporations and a sum of Rs.3,326.31 Crores has been paid towards settlement of terminal benefits such as gratuity and surrender leave salary. The details are below:

(Rs. in Crores)

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
2018-19	3527	204.91	102.54	307.45	5147	101.08
2019-20	6283	457.00	133.25	590.25	4599	282.97
Total	54471	2580.69	745.62	3326.31	43995	1652.97

7.6 TNSTC Employees Pension Fund Trust

The Tamil Nadu State Transport Corporation Employees Pension Fund Trust is the nodal agency for implementing the pension scheme for the retired employees of STUs. The pension scheme was introduced

by the Government with effect from 01.09.1998. The employees recruited on or before 31.03.2003 are covered under the above pension scheme. A total of 1.28 lakh employees are covered under this pension scheme.

7.7 Pension distribution

The details of Pension distribution by Tamil Nadu State Transport Corporation Employees Pension Fund Trust during last nine years is as follows:

(Rs. in Crores)

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

Sl. No.	Year	No. of Pensioners	Pension amount paid
7.	2017-18	70,907	963.42
8.	2018-19	76,663	1,086.83
9.	2019-20 (upto Jan' 2020)	81,738	1,100.13

Government have also sanctioned following funds towards settlement of various statutory dues including terminal benefits to the retired employees of STUs who retired between April 2018 to March 2019.

(Rs. in Crores)

Sl. No.	Statutory dues	Amount
1.	Provident Fund	282.97
2.	Gratuity	457.00
3.	Surrender Leave Salary	133.25
4.	Commutation	207.08
5.	C.P.S	12.70
	Total	1093.00

7.8 Welfare Measures

Following employees and their family benefit measures are being implemented.

- i. Service Weightage / Review benefits.
- ii. Leave benefits.
- iii. Steering Allowance.
- iv. Educational Assistance.
- v. Subsidised canteen facilities.
- vi. Free uniform and Washing allowances.
- vii. Marriage Loan.
- viii. Reimbursement of legal fees.
- ix. Funeral expenses.
- x. Free Travel passes to the children for attending Colleges / Schools and 5,500 Km per year for family members.
- xi. Family Benefit Fund.
- xii. Holiday Home facility at Kodaikanal, Courtalam and Kanniyakumari.
- xiii. New Health Insurance Scheme (as applicable to Tamil Nadu Government Employees).
- xiv. Festival Advance of Rs.10,000/-.

7.9 Crew infrastructure improvement

a) Infrastructure facilities at Crew rest rooms have been upgraded at a cost of Rs.7.38 Crores.

b) Infrastructure facilities such as cement concrete platforms and improvement of maintenance shed in depots of all the State Transport Undertakings have been created at a cost of Rs.38.43 Crores.

7.10 Skill development for drivers

Accident free travel can be attained when the employees are provided with continuous refresher training to improve their skills. Hence, the department is taking following effective measures: -

- i. At the Gummidipoondi campus of the Institute of Road Transport, an advanced Driving Research and Training Institute has been set up at a cost of Rs.15 Crores for imparting training to drivers.
- ii. To reduce stress levels and promote accident free driving, regular refresher training courses are being conducted for the drivers.
- iii. In Chennai, Trichy, Pollachi and Madurai Technical Simulators are being used to provide training to the drivers of STUs.
- iv Sixteen driving schools at seven locations provide training for drivers in the State.

Chapter 8

Inter-departmental Co-ordination

Air and Rail connectivity

8.1 Transport Department acts as nodal department to co-ordinate with Southern Railway and Ministry of Civil Aviation for rail and airport expansion and also plays the vital role of acquiring land for ongoing Railway and Airport Projects in the State of Tamil Nadu with the assistance of District Collectors and Commissioner of Land Administration.

8.2 Airport Expansion Projects in Tamil Nadu

For the expansion and modernisation of Chennai Airport and other non-metro Airports viz., Madurai, Trichirapalli, Coimbatore, Thoothukudi and Salem land

acquisition works are under way. The lands for expansion of above Airports are being acquired and handed over to Airports Authority of India free of cost and free from all encumbrances.

Sl. No.	Name of the Project	Present Stage of Land Acquisition
1	Expansion of the Chennai Airport	<p>The Government have already handed over 129.82 acres of lands to Airports Authority of India. Further, the Airports Authority of India requires additionally 100.61 acres of land to undertake various developments in connection with expansion of Chennai Airport.</p> <p>The above land acquisition works are in final stage and the land will be handed over to the Airports Authority of India soon.</p> <p>Further, action is also being taken separately to transfer 8.50 acres of Defence land to Airports Authority of India in consultation with Ministry of Defence.</p>

Sl. No.	Name of the Project	Present Stage of Land Acquisition
2	Development of Madurai Airport	<p>The Government has accorded Administrative Sanction for acquisition of 466.43 acres of patta lands and alienation of 149.49 acres of poramboke lands, totalling 615.92 acres for expansion of Madurai Airport.</p> <p>Land acquisition notification has been issued and fixation of land value is under progress. Government of Tamil Nadu has sanctioned a sum of Rs.166.69 Crore as interim compensation to the land owners.</p> <p>Further, Government has accorded administrative sanction for 160.32 acre of land for alternative ring road in connection with expansion of Madurai Airport.</p>
3	Extension of Runway at Coimbatore Airport	<p>Government has accorded Administrative sanction for acquisition / alienation of 490.27 acres of patta and poramboke lands and transfer of 134.58 acres of defence land has been taken up under private negotiation and land value has been approved by the State Level Private negotiation committee.</p> <p>The Government have sanctioned so for a sum of Rs. 269.18 crore towards payment of compensation to the land owners.</p>

Sl. No.	Name of the Project	Present Stage of Land Acquisition
4	Expansion of Tiruchirapalli Airport	<p>The Government has accorded Administrative Sanction for acquisition/alienation of 345.62 acre and land acquisition works are under way.</p> <p>Further, action is being taken to transfer 164.68 acres of defence land, which is also required for the expansion of Tiruchirappalli Airport.</p>
5	Development of Salem Airport	<p>The Government has accorded Administrative Sanction for acquisition of 535.10 acres of patta land and alienation of 32.33 acres of poramboke lands totally 567.43 acres of lands and land acquisition work is under process. Further, the flight operations at Salem Airport has been commenced from 25.3.2018 under RCS-UDAN Scheme.</p>
6	Development of Thoothukudi Airport	<p>The Government has accorded Administrative sanction for acquisition/alienation of 605.77 acres and Land Acquisition works has been completed and the lands handed over to the Airports Authority of India. A sum of Rs.16.91 crore has been sanctioned by the Government of Tamil Nadu towards payment of compensation to the land owners. Further, 96.79 acres of land is required for alternating of Theri Road in connection with further expansion of Thoothukudi Airport.</p>

8.3 Regional Air Connectivity – UDAN

In order to encourage Air travel at affordable price, the Ministry of Civil Aviation has introduced Regional Connectivity Scheme (RCS) – UDAN. Under this scheme, 13 unserved / underserved Airports have been identified in Tamil Nadu.

The Government of Tamil Nadu has entered Memorandum of Understanding with the Ministry of Civil Aviation on **08.06.2017** for implementation of Regional Air Connectivity - UDAN in the State of Tamil Nadu. Following concessions are provided by the Government of Tamil Nadu to RCS Airports.

- The VAT (Value Added Tax) has been reduced to 1% on ATF (Air Turbine Fuel) at RCS Airports and for RCS flights.

- The Security and Fire services to RCS Airports have been provided at free of cost.
- 20% of VGF (Viability Gap Funding) as State share will be provided to the airline operators from Tamil Nadu Infrastructure Development Fund (TNIDF).
- Conditional subsidy will be provided to each functional UDAN – Airport to ensure that at least 50% of seats are sold at the rate of Rs.2,500/- per seat.

i) SALEM AIRPORT:

The Flight operation from Salem Airport has commenced from 25.03.2018 which was most welcomed by the travelling passengers.

- ii) **NEYVELI AIRPORT:** The infrastructure facilities for flight operation at Neyveli Airport are ready and license from Director General of Civil Aviation is awaited and flight operations will be commenced soon.
- iii) **HOSUR AIRPORT:** The Government of Tamil Nadu is taking all possible steps to develop the Hosur Airport under UDAN scheme.
- iv) **VELLORE AIRPORT:** The Government have accorded administrative sanction for acquisition / alienation of 62.61 acres of patta and poramboke lands to expand the existing Vellore airport developed during World War II. Land Acquisition works are under

way besides re-routing of the State Highway.

- v) Action is also being taken to develop the **Ramanathapuram and Thanjavur** Airports under UDAN scheme by Ministry of Civil Aviation.

8.4 Railway Projects in Tamil Nadu

The Southern Railway have the jurisdiction over Chennai, Tiruchirappalli, Madurai and Salem and some part of Palghat division. Transport Department in Government of Tamil Nadu acquires lands for Southern Railways projects viz; formation of new line, doubling of railway line and gauge conversion.

The details of on-going New lines / Doubling Projects 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. • An extent of 71.08.67 Hectares of land comprising in 15 villages of Thoothukudi district has been acquired and handed over to Railways Department and track laying works are under progress.
2	Villupuram – Dindigul Doubling with Electrification	<ul style="list-style-type: none"> • This is a prestigious project connecting North and South of Tamil Nadu and 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 staff have also been sanctioned to attend the land acquisition work and Land Acquisition work is in final stages of completion and the lands will be handed over to Railways soon.

S. No	Name of the Projects	Land Acquisition Details
3	Omalur – Mettur Dam Doubling	<ul style="list-style-type: none"> Government have accorded Administrative Sanction for acquisition of 29.20.0 Hectares of land in 15 villages of Salem District and Land acquisition work was completed and land has been handed over to Railways.
4	Chinna Salem – Kallakurichi Broad Gauge line	<ul style="list-style-type: none"> Government have accorded Administrative Sanction for acquisition of 48.04 Hectares of land in 11 villages of Villupuram District. Land acquisition works are in final stage and Land will be handed over to Southern Railway soon.
5	Tindivanam – Nagari New Broad Gauge line	<ul style="list-style-type: none"> Government have accorded Administrative Sanction for acquisition of 682.71.41 Hectares of land in four Districts namely Tiruvallur, Tiruvannamalai, Villupuram and Vellore Districts and special staff for land acquisition have also been sanctioned for the above project. The land acquisition work is being done in a fast track manner and lands will be handed over to Railways soon.

S. No	Name of the Projects	Land Acquisition Details
6	Tindivanam – Tiruvannamalai New Broad Gauge line	<ul style="list-style-type: none"> • This Project involves 2 Districts namely Villupuram and Tiruvannamalai. An extent of 31.36.04 Hectares of land has already been handed over to Railways in Tiruvannamalai District. The land acquisition works for remaining 43.26.5 Hectare is under progress. • Government have also accorded Administrative Sanction for acquisition of 183.44.5 Hectares of land in Villupuram District for this project and the land acquisition works are under progress.
7	3rd and 4th line between Chennai Beach – Korrukupet, Korrukupet - Ennore	<ul style="list-style-type: none"> • The alignment traverses through districts of Chennai and Tiruvallur and it will help augmentation of passenger carrying capacity of sub-urban rail between Chennai Beach and Gummidipoondi section. • Government have accorded Administrative Sanction for acquisition of 15890.5 Square Metres of land in 3 villages of Chennai Districts and Land Acquisition works are in final stage.

S. No	Name of the Projects	Land Acquisition Details
8	Madurai – Thoothukudi Doubling Project	<ul style="list-style-type: none"> • This project covers Madurai, Virudhunagar, Tirunelveli, and Thoothukudi Districts. • Government have accorded Administrative Sanction for acquisition of 89.47.43 hectares of land in the above Districts. • The special staff for land acquisition have also been sanctioned for this project. • Land Acquisition works are under progress.
9.	Kanniyakumari – Thiruvananthapuram Doubling	<ul style="list-style-type: none"> • Government have accorded Administrative Sanction for acquisition of 4.37.75 hectares of land in Kanniyakumari District and Land Acquisition works are under way.
10.	Maniyachi – Nagercoil Doubling	<ul style="list-style-type: none"> • This project covers three districts viz. Tirunelveli, Thoothukudi and Kanniyakumari. Government have accorded Administrative Sanction for acquisition of 100.33.67 hectares of land and special staff for attending land acquisition work for this project. • Land Acquisition works are under progress.

Chapter 9

State Transport Corporations

9.1 Metropolitan Transport Corporation (Chennai) Limited, Chennai

MTC is the Monopoly Public Transport Service provider in Chennai city and operates bus services in Chennai Metropolitan area and in the adjoining areas of Kanchipuram and Thiruvallur Districts. The Corporation is functioning under the control of a Managing Director. Its head office is located at Pallavan Salai, Chennai.

- The Corporation is functioning with 33 depots and a fleet strength of 3,614. It operates 3,439 scheduled services on 582 routes. The total staff strength is 22,277. The various types of services operated by it include Ordinary, Express, Deluxe and Air Conditioned

buses. This corporation also possess two body building unit at Chrompet.

- In order to increase the number of bus depots based on the fleet strength, the then Hon'ble Chief Minister announced to open 12 new depots. Accordingly 8 new Depots have been opened so far at Padiyanallur, Kannagi Nagar, Mahakavi Bharathi Nagar, Besant Nagar, Adambakkam, Chrompet-2, Kundrathur, Perumbakkam. For the remaining 4 Depots at Velacherry, Thaiyur, Thamaraiykkam and Gummudipoondi, speedy action is being taken to expedite land alienation process.
- The Corporation has introduced 48 Air Conditioned Buses plying on selected routes with effect from 10.01.2020.

- The Corporation plans to install CCTV and Vehicle Tracking devices with panic buttons (emergency calling button) in buses under the Nirbhaya Fund for Women and Child Safety wherein 60% of cost of the project will be borne by Government of India and remaining 40% share by the Government of Tamil Nadu.
- The Corporation has also proposed to provide training to 1000 women in light vehicle besides heavy vehicle training to 500 women every year under the Nirbhaya fund. Gender sensation training to employees, provision of helpline and safety kiosks for general public in at Bus terminuses are part of the Project. Total value of the project is Rs.8.92 Crores.

- The Corporation will also introduce Electronic Ticketing Machine with facility to swap National Common Mobility Card in all buses for cashless transactions at an estimated cost of Rs.76.12 Crore under the scheme of strengthening of Intelligent public Transport System of Ministry of Road Transport and Highways, Government of India (MoRTH) wherein the Project cost will be shared in the ratio of 50:50 between the state Government and the Government of India.
- The Corporation also plans to implement ERP based end to end computerisation encompassing all activities and operations of the Corporation for an effective E-governance system. In this regard, Detailed Project Report has been

submitted to the Ministry of Road Transport and Highways, Government of India under the scheme of strengthening of Intelligent Transport System in Public Transport at a projected cost of Rs.22.72Crores to be shared between Government of India and Government of Tamil Nadu in 50:50 ratio.

- The Corporation has already implemented a Public Bus Stop Information System in 75 buses with provision for audio advertisement there by earnings a revenue of Rs.1,200/- per bus per month. The facility will be extended to all buses in a phased manner.
- As additional revenue mobilisation measures the Corporation has proposed for providing advertisement

Inside Bus Terminus at 10 bus locations and Full Bus Body Advertisement on 400 buses in first phase.

- Steps have been taken to introduce GPS based bus tracking and Passenger information system through Mobile app and on web. The system will provide real time location of any bus on any routes, its speed and expected time of arrival at any particular bus stop to the general public on their mobile app.

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

- Sale of Concessional tickets at counters through Point of Sale machines.

- To provide comfortable travel for Women and Children 210 special buses are being operated all over Chennai City.
- As per the orders of the then Hon'ble Chief Minister, Free travel for Senior Citizen above 60 years was introduced in buses from 24.02.2016 onwards. Since then, an average of 38,358 Senior Citizen above 60 years of age are availing the facility every day.

9.2 State Express Transport Corporation Tamil Nadu Limited, Chennai

The Corporation operates Intra and Inter-State services with head quarters at Chennai under the control of a Managing Director. The Corporation is now functioning with a fleet strength of 1,231 buses at 22 depots. The fleet includes Ultra Deluxe, Air-Conditioned buses, Air-Conditioned Sleeper

buses, Air Conditioned Sleeper-cum-seater buses, Non Air Conditioned Sleeper buses, Non Air-Conditioned Sleeper-cum-seater buses and Classic buses. The Total Staff Strength of the Corporation is 5,183.

The operational area of the Corporation covers entire Tamil Nadu and adjoining States of Andhra Pradesh, Karnataka, Kerala and Puducherry. It operates a total of 251 routes which include 112 Inter State routes and 139 Intra State routes.

E-ticketing has been introduced similar to Railways and Airways in SETC/TNSTC Buses through mobile application and web for the convenience of passengers. Online Ticket Reservation System (OTRS) is also available at 76 Centers with 82 counters in Tamil Nadu and the neighbouring States of

Andhra Pradesh, Kerala, Puducherry and Karnataka. Name and mobile number of the conductors are being provided to the passengers through SMS who reserved the tickets 30 minutes before the departure of bus to obtain information about bus timing and location.

For the First time in Tamil Nadu, the Corporation introduced CLASSIC vehicles with Pantry and Toilet facilities w.e.f. 20.06.2013 on Chennai – Srirangam route for the benefit of Aged persons, Ladies and Diabetic patients. Now the service has been extended between Chennai to Dindigul, Chennai to Tiruchirappalli, Chennai to Thanjavur, Chennai to Madurai, Chennai to Salem, Chennai to Coimbatore, Chennai to Puducherry, Chennai to Kumbakonam, and Chennai to Velankanni.

Amma Drinking Water Plant has been established at the Institute of Road Transport, Heavy Driver Training Wing, Gummudipoondi, Thiruvallur District by SETC over an extent of 2.47 Acres of land. Amma Drinking water is being sold through 306 selling points in 234 Assembly Constituencies across the state. One litre bottle is being sold at Rs.10/- per bottle.

The Corporation interacts with field level officials on daily basis through **SKYPE** for review of operations. The **CCTV Surveillance** has also been introduced at all main places like Bus Stands, Head Quarters etc., for close monitoring of Passengers movement and to access the traffic demand.

Corporation has also introduced 50 Numbers of **"PREMIUM SERVICES"** with

each service having a specific brand Name on various potential routes. Corporation offers pick up services at prefixed **“pick-up points”** in urban area of major cities like Coimbatore, Tirunelveli and Nagercoil for the Passengers who book tickets in advance. Passenger can also book **“Other End Return Tickets”** through online.

In order to facilitate ease of travel for the general public during Deepavali 2019 and Pongal 2020, additional temporary terminals were established at location convenient to the public to save time of passengers.

As per the orders of the then Hon'ble Chief Minister, Separate Rooms for lactating mothers are functional at the Bus terminals of at Thanjavur and Coimbatore owned by SETC.

Three training centers with advanced training facilities have been set up at the depots of Chennai, Madurai and Trichy. to provide training on accident free driving to drivers and conductors, KMPL improvement, Maintenance practices, Technical advancement and Stress Management with the help of experienced trainers.

Corporation introduced 582 new buses during the financial year of 2019-2020 which includes 269 Ultra Deluxe buses, 50 Air-Conditioned buses, 113 Air-Conditioned Sleeper cum Seater Buses, 100 Non Air-Conditioned Sleeper cum Seater buses and 50 Classic buses.

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

The Corporation is headed by a Managing Director with headquarters in

Villupuram. Regional Offices of this Corporation are functioning at Villupuram, Cuddalore, Tiruvannamalai, Vellore, Kanchipuram and Thiruvallur for monitoring the operations. The Corporation operates Town / City, Mofussil and Ghat services.

The Corporation owns a total of 61 depots. The fleet strength of the Corporation is 3,376 and it operates 3,166 scheduled services. The total staff strength is 21,511. Various services operated by the Corporation includes Ordinary, Express, Deluxe, Point to Point and A/C buses. Corporation also runs three vehicle 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.

Out of the 11 new depots announced to be opened by the then Hon'ble Chief

Minister at Neyveli, Orikkai-1, Orikkai-2, Chetpet, Chinnasalem, Pernampet, Sholingar, Thirukazhukundram, Chengam, Kattumannarkoil and Elathur, new depots at Neyveli, Orikkai-1, Chetpet, Kattumannarkoil, Pernampet, Chinnasalem, Orikkai-2 and Sholingar were inaugurated by the then Hon'ble Chief Minister on various dates between February 2014 to March 2016. The depot at Chengam was inaugurated by the Hon'ble Chief Minister on 04.03.2017. Construction work for the Elathur Branch is near completion. For Thirukazhukundram Branch, 5 acres of land at Ruthrakoti Village has been alienated in favour of the Corporation after payment of land cost to the Government.

During financial year 2018-19, a total of 519 new buses were inducted in the fleet of the Corporation while during the financial

year 2019-20, Corporation inducted 399 new buses.

To generate additional revenue, Corporation has identified 8 locations to setup retail outlets for sale of fuel and lubricants in association with the Oil Marketing Companies.

Lok Adalat: Corporation settled 109 MCOP cases through Lok adalat involving monetary value of Rs. 1,702.06 lakhs to reduce litigation.

Refresher Course for Private Drivers: In addition to imparting training to regular Drivers, the Corporation also imparted following training through its Training Centre:

- 114 private drivers were imparted one day refresher training course on HVDT between April 2019 to January 2020.
- 272 private drivers involved in fatal accidents were imparted two days refresher training course between April 2019 to January 2020.

Special Buses operation: The Corporation operates Special buses every Amavasai (to Melmalayanur), Pournami (to Thiruvannamalai), Adikirthigai (to Thiruthani), Thai Poosam (to Vadalur), Kuvagam, Chithirai Pournami, Deepam, Pongal and Deepavali depending upon the need. During the year 2019-20, upto January 2020 (including Athivaradar special operation to Kancheepuram), the Corporation operated special buses for 51.65 lakh KM and earned a revenue of Rs.1,888.25 lakhs with EPKM of Rs.36.56 using 9,098 vehicles.

Ghat Services: The Corporation operates 29 Ghat Services on various routes for the convenience of people living in Ghat Areas. 10 buses are being operated to Kalvarayan, Serapattu and Vellimalai Hill areas in Villupuram region, 3 buses are being operated to Jamunamarathur Hill areas in Thiruvannamalai region and 16 buses are being operated to Puthurnadu, Elagiri, Velathikamanibenda, Arvatla, Jamunamarathur, Balamathi, Senganatham Hill areas in Vellore region.

Additional facilities to the passengers:

For the first time Corporation has introduced 52 A/C (3 x 2) buses to provide better travelling experience to the passengers besides running Ordinary, Express, Deluxe, Conductor less Point to Point services. In

future more A/C buses will be inducted in the fleet of the Corporation due to more demand.

Nitrogen Gas Plant: In order to improve the Tyre performance, Nitrogen Gas plant has been installed at Villupuram, Konavattam and Chidambaram. This has resulted in reduction in tyre punctures by 60%.

Bio-metric Attendance System: Bio-metric attendance systems has been installed at Headquarters and in the Workshops at Villupuram and Vellore Region. Bio-Matric attendance will be installed at all locations of the Corporation shortly.

Driver Training Centers: Up-gradation of Driver Training Centers at the regional offices of Villupuram, Cuddalore, Vellore, Kanchipuram, Thiruvallur and Thiruvanamalai and formation of driving range at Villupuram & Vellore at a cost of Rs. 6.00 Crores are underway with funding from Ministry of Road Transport & Highways, New Delhi.

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

The Corporation is headed by a Managing Director with headquarters in Salem. This Corporation is functioning with two Regional Offices at Salem and Dharmapuri. It operates Town, Mofussil and Ghat services. Types of services operated are Ordinary and Express services.

Total number of depots in this Corporation is 32. Fleet strength of this Corporation is 2,222 buses and it operates 1,900 scheduled services. Total Staff strength of the Corporation is 12,698. Two bus body building units are functioning at Namakkal and Dharmapuri with a capacity of 10 buses per month per unit.

During 2019-20, a total of 273 new non A/c buses and 10 Air-Conditioned buses were dedicated to the fleet strength of the Corporation by the Hon'ble Chief Minister for the benefits of travelling public.

The Corporation earned additional revenue of Rs.43.02 lakhs in 2019-20, through introduction of Parcel service along with additional mopping revenue of Rs.38.35 lakhs in the Financial Year 2018-19 and Rs.14.91 lakhs in the financial year 2019-20 in an arrangement with the en-route motels

to stop buses at the designated en-route motels.

The Corporation also earned additional revenue of Rs.130.87 lakhs during the Financial Year 2018-19 and Rs.133.72 lakhs during the financial year 2019-20, through commercial advertisements on the buses and Rs. 4.40 lakh from advertising on the depot compound wall.

Corporation provides 1/3rd fare concession on travel in its buses to regular passengers on any route through issue of monthly pass. During financial year 2018-19, a total of 19,628 passengers on mofussil routes and 56,021 passengers on town routes availed the benefit while during financial year 2019-20, the numbers were 11,824 and 41,311 respectively.

Corporation introduced bus services newly to 38 villages during Financial Year 2018-19 and 23 villages during 2019-20 by extending the route length of the existing services, thereby benefiting 11,900 people during 2018-19 and 9,000 people during 2019-20.

Corporation also operates special services for the benefit of the travelling passengers to the following tourist places and pilgrim spots.

- (i) During weekends and important auspicious days, special bus facilities are being operated to the tourist places viz. Yercaud hills, Kollihills, Hogenakkal Cauvery river waterfalls and Mettur Dam situated across river Cauvery.
- (ii) During festival seasons, special bus facilities are operated to the pilgrim

places viz., Malai Madheswara Temple, Lord Easwaran Temples at Tharamangalam, Tiruchengode, Belur and Aragalur, etc., Lord Murugan Temples at Kalipatty, Kabilar Malai, etc., Lord Anjaneyar Temple at Namakkal etc.,

Ministry of Road Transport and Highways, Government of India has allotted Rs. 1 Crore each to this Corporation for setting up of new Training Centres at Namakkal and Krishnagiri and for augmentation of the existing training facilities at Salem and Dharmapuri and the work is under progress. Scheme includes renovation of class rooms, procurement of furniture, tools, cut models and equipments and establishment of Heavy Vehicle Driving range for the benefit of general public.

Corporation is operating 27 Conductor less bus services between Salem – Coimbatore sector and Salem - Bengaluru sector besides operating 10 Air-conditioned buses between Salem to Coimbatore, Bengaluru, Madurai, Karur and Tiruchirappalli.

Corporation also operates 25 Ghat services to the hill area viz., Yercaud Hills, Kolli Hills, Kalrayan Hills (Vellimalai) and Nallamathi Hills (Pachamalai) for the benefit of tribal people and school going children.

Corporation distributes “Amma Drinking Water” through 38 selling booths at important bus stands and traffic generating points within its operational jurisdiction.

As Human Resource Development exercise and to reduce stress and improve life-work balance, Yoga training has been

imparted 3,384 employees of the Corporation during financial year 2019-20.

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

The Corporation has its headquarters at Coimbatore and functioning under the control of Managing Director. The regional offices of the Corporation are functioning at Coimbatore, Uthagamandalam, Erode and Tiruppur. The Corporation is having 44 branches and 8 divisional offices. The total fleet strength is 2,940. Total number of employees is 17,780.

The 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 Bhavani sagar in Erode region. Bus

driving simulators have been installed at the Training Institute, Pollachi to impart training to the newly recruited as well as existing drivers to improve their driving skills. As on date, 7,523 drivers have been imparted training at this unit. Another simulator has now been purchased through IRT, under Road Safety Fund and installed at Bhavani Sagar Training Institute, to improve the driving skills of drivers.

The Corporation provides following passenger amenities to the public in addition to transportation:

- It has constructed and maintains bus stands at Valparai, Maruthamalai, Uthagamandalam and Gudalur.

- For the convenience of the passengers, Corporation is maintaining motels at Barliar and Hasanoor.

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

The Corporation is headed by a Managing Director functioning with headquarters at Kumbakonam. The regional offices of this Corporation are functioning at Kumbakonam, Tiruchirappalli, Karaikudi, Pudukottai, Nagapattinam and Karur for monitoring the operation of services.

The Corporation has 61 depots. The Corporation's fleet strength is 3,457 and is operating 3,335 schedules. Total staff strength of the Corporation is 21,480. Various types of services operated are Ordinary, Express and Super Deluxe buses. The Corporation is having Body building Unit at Poraiyar, Karur (Manmangalam), Karaikudi and Pudukottai and Re-

conditioning Unit and Tyre Re-Treading plants at Kumbakonam, Tiruchirappalli, Devakottai and Pudukottai.

On 29.01.2020, the Hon'ble Chief Minister inaugurated a new depot at Mannachanallur. Construction work for new depots at Viralimalai, Karur, Thirumayam, Sayalkudi, Palayam and Keeranur will be started shortly as lands are available.

Corporation is also interacting with State Revenue Department to identify lands for construction of new depots at Kumbakonam, Srirangam (Tiruchirappalli), Piratiyur (Tiruchirappalli) and Manalmelkudi. The construction work of Crew Rest Room at the depots of at Kumbakonam Town-II Depot, Karur Depot and Poraiyar is under progress.

Work of formation of Driving range at Karur, Ariyalur, Tiruchirappalli and Perambalur is under progress.

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

The Corporation is headed by a Managing Director with head quarters at Madurai. 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 Corporation runs 39 depots and is having a fleet strength of 2,342. It operates 2,166 scheduled services with a staff strength of 14,337. Various types of services operated are Ordinary, Express and Air-conditioned buses. The Corporation is having three body building units at Madurai, Batlagundu and Virudhunagar. During the past seven years, Corporation has inducted

1,207 new buses and initiated 91 new routes.

As per the announcement of the then Hon'ble Chief Minister, 6103 employees availed the benefit of health check up under Master Health check up scheme.

The Corporation is providing highly modernized Simulator Driving Training to the trainees. During 2019-20, training has been provided to 400 Drivers in Madurai, Dindigul and Virudhunagar Region.

Additional facilities to the passengers :

- Corporation offers concessional monthly season tickets both on City and Mofussil services.
- "Amma Drinking Water Scheme" is being sold through booths at 20 Bus

Stands within the jurisdiction of the Corporation.

- Corporation also operates 30 night city services.
- Passenger Audio Announcement System (PAAS) was introduced in 50 City buses plying in Madurai City.
- Special Buses are being operated during Festivals to the following places
(1) Veerapandi (2) Irukkankudi
(3) Velankanni (4) Pazhani
(5) Sri Sabarimalai Ayyappan Temple
(6) Alagar Kovil (7) Thiruchendur Temple
(8) Masaniamman Temple
(9) Thiruvannamalai Girivalam and Thirupparankundram Temple.

The Corporation is operating four special vehicles daily to Meenakshi Amman

Temple for the benefit of the pilgrims from other states.

Madurai being an ancient city possessing many tourist places, the Corporation operates Tourist Buses based on the needs of the public to Arulmiku Subramaniya Swamy Koil at Thiruperankundram, located about 10 Kms., from Madurai and Kallalagar Thirukoil located approximately at 23 Kms from Madurai.

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

The Corporation is headed by a Managing Director. It has its headquarters at Tirunelveli. Regional Offices of this Corporation are functioning at Tirunelveli, Nagercoil and Thoothukudi to monitor the

operation of services and the Corporation also operates Town and Mofussil Services.

- It possess 30 depots and has a fleet strength of 1,762. It operates 1,661 scheduled services. Total staff strength of the Corporation is 10,823. Various types of passenger services provided including Ordinary, Express, Super Deluxe and Air-conditioned buses. Corporation posses body building units at Tirunelveli and Nagercoil.
- The Government have issued orders to increase the bus depots based on the fleet strength. Accordingly, out of the 3 new depots announced at Cheranmadevi, Alangulam and Sathankulam. Depots at Cheranmadevi and Sathankulam were inaugurated and have became functional while the

Corporation is consulting Revenue Department for identifying suitable land at Alangulam to establish Depot.

- 867 new buses including 10 Air-conditioned buses and 73 new routes have been introduced during the period from 16.05.2011 to 31.01.2020.
- Under Master Health check up scheme, 4,857 employees have benefitted.

The Corporation also provides following additional facilities for the benefit of the passengers:

- Operates buses to important pilgrim and tourist centres like Tiruchendur, Sankarankoil, Srivilliputhoor, Uvari, Kanniyakumari and Courtallam.

- Amma drinking Water is being sold through 18 sales booths set up at bus stands in Tirunelveli, Thoothukudi and Kanniyakumari districts for the benefit of the public.
- As per the orders of the then Hon'ble Chief Minister, separate Room for Lactating Mothers has been set up at kanniyakumari Bus stand of this Corporation and is functional.
- Two night services in Tirunelveli city and one night service in Nagercoil Town are being operated daily.
- 53 additional trips exclusively for women and children are being operated 24 routes in Tirunelveli, Thoothukudi and Nagercoil Regions.

- 18 number of Conductor less services are being operated between Tirunelveli to Nagercoil and 5 numbers of services are being operated from Tirunelveli to Thoothukudi.

Chapter 10

10.1 Tamil Nadu Transport Development Finance Corporation Limited, Chennai

The main objectives of Tamil Nadu Transport Development Finance Corporation Limited is mobilisation of funds from the public, Government departments and Public Sector Undertakings to finance Capital & Working Capital requirement of the State Transport Undertakings. The TDFC Ltd., is a wholly owned Non-Banking financial institution of Government of Tamil Nadu. It was started on 25.03.1975 after obtaining registration as a Non-banking Finance Company from Reserve Bank of India.

10.2 Financial Performance

Since its inception in 1975, TDFC Ltd., is a profit making unit of Government of Tamil Nadu. The profit earned during for the last 6 years is furnished 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
2014-2015	3294.25	2509.00	785.25	269.69	530.48
2015-2016	5283.29	4648.68	634.61	212.95	423.36
2016-2017	7322.42	6469.00	853.42	282.17	571.25
2017-2018	7996.71	6964.50	1032.21	357.23	674.98
2018-2019	9885.93	8684.16	1201.77	419.95	781.82
2019-2019(B.E.)	11247.85	9800.00	1447.85	505.94	941.91

10.3 Deposits

Public and other investor have confidence and trust in TDFC Limited as an investment avenue. Total deposits with TDFC as on 31.01.2020 was Rs.5,920.44 crores.

10.4 Interest rates on deposits

Corporation fixes interest rate on deposits periodically based on market borrowing conditions, demand and repayment position of the State Transport Undertakings.

The present rate of interest on deposits with TDFC 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%

10.5 Deposit Schemes

At present Corporation is operating following two schemes of deposits:

	Scheme I (PIPS)	Scheme II (MMS)
	Periodic Interest Payment Scheme	Money Multiplier Scheme
Minimum Deposit	Rs.25,000/- *	Rs.25,000/- *
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)

* As per the resolution taken during the Board Meeting of TDFC Ltd., minimum deposit amount has been increased from Rs.10,000/- to Rs.25,000/- with effect from 01.01.2020.

10.6 Deposits under Girl Child Protection Scheme

As on 31.01.2020, there are 88,964 depositors under Girl Child Protection Scheme with a corpus of Rs.13.47 crores. This scheme has been sponsored by the Government of Tamil Nadu along with Department of Social welfare.

10.7 Funds of the Company

The total resource base of TDFC Ltd. as on 31.01.2020 is given below:

(Rs. in Crore)

Share Capital – (a) Government (b) STUs	1,057.63 18.71 -----	1,076.34
Reserves & Surplus		133.89
Deposits		5,920.44
Total		7,130.67

10.8 Loans

During the year 2019-20 (upto 31.01.2020), financial assistance has been extended to the State Transport Undertakings as indicated below:

(Rs. in crore)

	Amount
1. Hire Purchase Loan	916.62
2. Short term loan for Half yearly M.V. tax payment and other loan	777.51
3. Term Loan for Working capital	2,858.24
Total	4,552.37

To enable the State Transport Undertakings to reduce their expenditure towards payment of Motor Vehicle Tax, the State Transport Undertakings are availing Short Term Loan from TDFC Ltd., so as to get 4% rebate by making the half yearly Motor Vehicle Tax payment in advance.

During the last 5 years, TDFC Ltd. has extended financial assistance to the State Transport Undertakings as given below.

(Rs. in crore)

Year	Financial Assistance
2014-2015	2,151.24
2015-2016	2,776.33
2016-2017	3,574.32
2017-2018	3,757.58
2018-2019	3,618.45
2019-2020(upto Jan'20)	4,552.37

10.9 Lending rates on new loans

TDFC has revised lending rates in respect of fresh loans to all STUs to match the average lending rate with deposit rate, as follows.

	Interest Rate	With effect from
Hire Purchase Loan	9.75%	01.01.2018
Rs.600 Crores Hire Purchase Loan vide G.O. (Ms.) No.26, Transport (A) Dept. dated 28.02.2019.	2.00%	28.02.2019

	Interest Rate	With effect from
Rs.302.06 Crores Hire Purchase Loan vide G.O. (Ms.) No.117, Transport (T1) Dept., dated 10.7.2019.	12.60%	10.07.2019
Term Loan	10.00%	01.04.2017
Short Term Loan (Salary)	10.25%	

10.10 Streamlining of working capital arrangements to STUs

TDFC Ltd. has availed Rs.900 crores as cash credit facility from SBI vide G.O. (Ms.) No.113 Transport (T1) Department, dated 04.07.2019, based upon the announcement made by the Hon'ble Minister for Transport on "Streamlining existing working capital arrangements with Banks and bringing down rate of interest". Due to this, STUs have benefitted to the tune of Rs.65 crores per year towards interest payment.

10.11 Share Capital Assistance to TDFC Limited

Rs.150 Crore has been sanctioned by the Government as Share Capital Assistance to Tamil Nadu Transport Development Finance Corporation Ltd., towards purchase of 2000 new buses to STUs during the year 2019-20.

Chapter 11

11.1 Pallavan Transport Consultancy Services Limited, Chennai

The core objective of Pallavan Transport Consultancy Services Limited is to provide Consultancy services in the area of Road Transport. It offers Consultancy assignments in the domain areas of Information Technology, Traffic and Transportation, Intelligent Transport Systems (ITS) and document digitization. PTCS Limited was established in April 1984 as a wholly owned Company of Government of Tamil Nadu with an Authorized share Capital of Rs.50.00 lakh with a paid up Share Capital of Rs.10.00 lakhs.

11.2 Project of PTCS, Limited

It is engaged in the Projects of (1) Preparation of Detailed Project Report (DPR) for Chennai–Bus Rapid Transit Systems

(BRTS) for TNIDB, (2) Implementation of online Electronic Ticketing and related infrastructure in STUs, (3) Monitor the functioning and ensure technical co-ordination for Online Ticket Reservation System (OTRS) for SETC, (4) Traffic Surveys at L&T Bye-pass at Coimbatore, (5) Software module development for Automobile Association of Southern India (AASI) and (6). Digitization of old documents for Tamil Nadu Archives and Historical Research Department.

11.3 Future Prospects

PTCS is taking concerted efforts with State Express Transport Corporation Tamil Nadu Limited to garner technology driven new project under FAME- II scheme of Government of India for Electric Bus (E-Bus) for State Transport Undertakings. Metropolitan Transport Corporation

(Chennai) Limited has also been assigned a Project to implement New ETMs for MTC. Besides, PTCS has forwarded proposals to take up Automation of the Business Process of Automobile Association of Southern India (AASI) and Annual Maintenance of Library Information System at Tamil Nadu Archives Department.

Chapter – 12

12.1 Institute of Road Transport, Chennai

The main objective to start the institution was to carry out applied research relating to traffic, transportation, road safety and bus system management. The Institute of Road Transport (IRT) was started as a society registered under the Societies Registration Act, 1860 in the year 1976. This institution also performs quality monitoring of the spare parts procured by the STUs by conducting tests on random samples. It further imparts refresher training to the employees of STUs and general public.

12.2 Heavy Vehicle Driver Training

Upto 2019-2020, it has conducted Heavy Vehicle Driver Training (HVDT) course for 62,282 candidates through 17 centres. At

present, the Institute of Road Transport is running HVDT Schools at Gummidipoondi and Trichy and another 15 places in association with the State Transport Undertakings. The institute also provides training in Light Vehicle Driving at Chennai, Trichy and Erode.

12.3 Skill Upgradation Training for STUs Employees

An Annual Calendar is being prepared by IRT for conducting skill up-gradation training programme for the officers and employees of Transport Corporations both in IRT and at State Transport Undertakings. The Institute has so far conducted 1,937 such training programmes in which 40,921 employees have benefited upto 2019-20. The Institute also conducts Examinations for Executives and Non-Executives for the benefit of employees of STUs every year,

which serves as a basis for promotion of State Transport Undertaking employees.

12.4 Material Testing Laboratory

To conduct test on automobile components, the Institute has a Material Testing Laboratory. The laboratory has so far tested 5,907 samples of 54 automobile components.

12.5 Research and Publication:

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

12.6 Procurement Activities

To cater to the needs of State Transport Undertakings in Tamil Nadu, the Institute of Road Transport is also performing as a nodal agency for purchase of major items like Chassis, Tyres, Fully Built Buses, Bus Body Construction, Printing and supply of Tickets, Re-Treading Materials, Lubricants and consumables for Amma Water Plant

12.7 Educational Institutions Run by IRT

To provide special emphasis on Automobile Research under the aegis of IRT, Institute of Road and Transport Technology was started at Chithode in Erode District in the year 1984. The institute imparts Under Graduate Engineering Degree Courses to the children of employees of STUs (35%) along with other students. The total annual intake of students for Under Graduate and Post

Graduate Degree Courses is 468 students. So far 9,704 B.E. Graduates, 220 M.E. (Structural), and 32 ME (CSE) Post Graduates have completed these courses from this Engineering College. This Engineering College is rated as one of the finest Engineering Colleges in the State.

Three Polytechnic Colleges at Chromepet (Chennai), Bargur and Tirunelveli were also started by the IRT 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 10,107 students have completed Diploma in Engineering Course in these three Polytechnic Colleges upto 2019.

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.	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%)
2.	Polytechnic Colleges – Diploma in Engineering	700	350 (50%)	350 (50%)

The Capital Expenditure of IRT and its Educational Institutions was borne by the STUs. The recurring expenditure of IRT is being met out from Special Administrative Rebate collected from the suppliers of STUs as per G.O. (Ms.) No.6 Transport (A) Department from 08.01.2013 and out of the interest earned on Interest Free Loan (IFL) contributed by the employees of the State

Transport Undertakings and Fee Receipts from the students.

Due to operational reasons, IRT Perundurai Medical College and Hospital has been handed over to the Tamil Nadu Government in Health and Family Welfare Department.

As many as 277 Staff and Officers are working in IRT and its Educational Institutions as on date.

Chapter - 13
RESEARCH WING OF INSTITUTE OF
ROAD TRANSPORT

13.1 JOURNAL OF ROAD TRANSPORT

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

13.2 MATERIAL TESTING AND QUALITY MONITORING

The Material Testing Laboratory has facilities to test 54 different automobile components as per Association of State Road Transport Undertakings (ASRTU) and BIS Specifications. The Laboratory has so far tested 5,881 samples upto 2018-19. During 2019-20, 26 automobile sample components

were received from the STUs and reports sent to them as per ASRTU specifications.

13.3 EXAMINATION FOR SUPERVISORY AND NON-SUPERVISORY STAFF

The Executive and Non-Executive Departmental Examination which is mandatory for career advancement for Supervisory / Non-Supervisory staff of STUs. was conducted on 02.06.2019 for the year 2019-20. The number of employees appeared and passed is given below:

Sl. No.	Description	Number of Candidates		% of pass
		Appeared	Passed	
1.	Executive Examination	79	52	66
2.	Non-Executive Examination	416	302	73
	Total	495	354	72

Supplementary examination for Executive and Non-Executive staff was conducted on 18.08.2019. The number of employees appeared and passed is given below.

Sl. No.	Description	Number of Candidates		% of pass
		Appeared	Passed	
1.	Executive Examination	25	21	84
2.	Non-Executive Examination	207	161	78
	Total	232	182	78

13.4 CENTRAL PURCHASE ORGANISATION

The IRT is appointed as the nodal agency by the Government for finalizing 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.

Totally six Tender Award Committee (TAC) Meetings were conducted during the year 2019-20 (upto January 2020), in which TAC finalized the price towards Students Bus Pass, Tyre Re-Treading Materials, Tyre, Chassis, Bus body construction and Locate and Access My Bus (LAMB) Project.

Chapter - 14

14.1 TRAINING PROGRAMMES FOR SUPERVISORY STAFF AND EXECUTIVES

The Institute of Road Transport prepares an Annual Calendar of training programme at the beginning of every financial year. Accordingly, the training wing organizes various training programmes at the Institute of Road Transport. 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 2018-19	During 2019-20	Total	Upto 2018-19	During 2019-20	Total
1.	Training programme at IRT-Taramani & its wings	999	30	1029	17,903	455	18,358
2.	Meet, Workshop & other	495	1	496	10,034	31	10,065
Total		1,494	31	1,525	27,937	486	28,423

As on date, 29 employees are working in IRT, Taramani, Chennai including 5 Officers and staff on deputation basis from State Transport Undertakings.

14.2 DRIVER TRAINING CENTRESHEAVY 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 for those with good eye sight and without any physical disability and with the following qualifications:

1. Minimum Education : Not applicable.
2. Driving Licence : Light Motor Vehicle Driving Licence with PSV Badge
3. Experience : Minimum One year Driving in LMV
4. Age : Not less than 20 years

5. Height : Minimum 159.5 Cms.

6. Weight : Minimum 50 Kgs.

The Driver Training Wing, Gummidipoondi has capacity to impart HVDT Course to 600 drivers per annum in four batches with 150 candidates per batch. The candidates are selected through Newspaper Advertisement. Further the Hindu Adi-Dravidar, Backward Classes, Most Backward Classes, Minorities Welfare Departments and Tamil Nadu Skill Development Corporation also sponsor candidates for the heavy vehicle driver training course.

The HVDT Course Trainees undergo 12 weeks training. At the end of the training course, the Trainees are evaluated for Driving Theory, Vehicle Mechanism, Traffic Education, Conductor Education & Public Relations and Driving Practices. After which, they are directed to appear for Motor Vehicle

Inspector Test at Motor Vehicle Inspector Office at Redhills for obtaining Heavy Vehicle Driving Licence. Finally, the Proficiency Test Certificates are awarded to those candidates who successfully complete the entire tests.

Apart from that, the Institute is also imparting Refresher and Orientation Training Courses for the drivers who are in service in Tamil Nadu State Transport Corporations, Government, Public and Private Sector Organisations for durations of 1 month, 15 days, 5 days, 3 days, 2 days, and 1 day in Defensive Driving Techniques for accident involved drivers, Drivers carrying dangerous / hazardous goods, Rules of Road Regulations, Fuel Conservation, Heavy vehicle driving licence renewal course and Safety Clinic Programmes for accident prone drivers in order to reduce 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, Tiruchirappalli and 15 other places namely SETC - Tiruchirappalli, TNSTC Ltd, Madurai, Nagercoil, Dindigul, Tirunelveli, VirudhuNagar, Salem, Dharmapuri, Erode, Pollachi, Villupuram, Vellore, Kumbakonam, Karaikudi and Pudukottai in association with the respective Transport Corporations.

The number of candidates trained in Heavy Vehicle Driver Training (HVDT) Course and Refresher Training Course are given below: -

Sl. No.	Description	Number of Candidates Trained		
		Upto 2018-19	During 2019-20	Total
1	Gummidipoondi	22,635	880	23,515
2	Tiruchirappalli	2,410	109	2,519
3	Other TNSTC HVDT Centres	35,316	932	36,248
TOTAL		60,361	1,921	62,282
4	Refresher Training Programmes - Gummidipoondi Centre	61,504	2,507	64,011

14.3 LIGHT MOTOR VEHICLE (LMV) DRIVER TRAINING SCHOOLS

In the year 1997-98, two Driver Training Schools at Chennai and Tiruchirappalli were started to impart LMV Training. Now LMV Training is going on at IRTT Erode also. The details of number of candidates trained in LMV Driving are given below:

Sl. No.	Description	Number of candidates trained		
		Upto 2018-19	During 2019-20	Total
1.	Taramani, Chennai	2,529	288	2,817
2.	Tiruchirappalli	1,008	61	1,069
3.	Erode	321	29	350
TOTAL		3,858	378	4,236

As per the orders of the Government, the institute is conducting one day training course to the transport vehicle drivers before renewal of their licence. The details of number of candidates trained are given below:

Sl. No.	Description	Number of candidates trained		
		Upto 2018-19	During 2019-20	Total
1.	Taramani, Chennai	6,594	153	6,747
2.	Gummidipoondi	3,387	33	3,420
3.	Tiruchirappalli	24,436	818	25,254
TOTAL		34,417	1,004	35,421

As many as 1,660 persons have utilized the driving range at Taramani for improving their driving skills.

As on date, totally 16 employees are working in Driver Training Wing, Gummidipoondi including 8 employees on deputation from STUs. Further, 1 employee is working on deputation basis from TNSTC (Kumbakonam) Ltd, Tiruchirappalli Region at IRT, Tiruchirappalli Centre.

14.4 Staff and Student Strength

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

S.No.	Description	Staff Strength	Students Strength
1.	IRT, Taramani	*29	-
2.	Driver Training Wing, Gummidipoondi	*16	-

S.No.	Description	Staff Strength	Students Strength
3.	Driver Training Wing, Tiruchirappalli	* 1	-
4.	Institute of Road & Transport Technology, Erode	140	1,448
5.	IRT Polytechnic College, Chromepet	28	606
6.	IRT Polytechnic College, Bargur	27	572
7.	IRT Polytechnic College, Tirunelveli	36	571
Total		277	3,197

* Staff Strength including Staff on Deputation basis.

Chapter - 15

15.1 Motor Vehicles Maintenance Department

The Motor Vehicles Maintenance Department, comprises of 20 Government Automobile Workshops situated at Chennai and various District Head Quarters all over the State including three Regional Deputy Directorates. It carries out maintenance of Government Department Vehicles under the control of a Director as Head of Department.

15.2 Central Automobile Workshop

The Government Central Automobile Workshop at Chennai under the control of General Manager looks after the maintenance needs of the Hon'ble Chief Minister's convoy vehicles, Hon'ble Minister's, VVIP's, Secretaries to Government and vehicles of other Departmental Officials. 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. The maintenance needs of these new generation Hi-tech vehicles are being carried out at Government Central Automobile Workshop, Chennai.

15.3 Government Automobile Workshops at Districts

Three Government Automobile Workshops at Tiruchirappalli, Madurai and Salem are functioning under the control of Regional Deputy Directors. Other unit Offices at Coimbatore, Vellore, Dharmapuri, Nagercoil, Cuddalore, Erode, Thanjavur, Ramanathapuram, Kanchipuram, Thirunelveli, and Dindigul are functioning under the control of Automobile Engineers and unit offices at Thoothukudi, Villupuram,

Udagamandalam, Virudhunagar and Sivagangai are functioning under the control of Technical Assistant / General Foreman.

15.4 Performance on vehicle maintenance

This Department is looking after the repairs and maintenance needs of nearly 22,687 Government Departmental vehicles plying throughout the state. A Secretariat Service Station is functioning near Secretariat to carry out minor and petty repairs to VIP vehicles and for supply of fuel for the vehicles of Secretaries to the Government. There are 10 Fuel disbursing bunks functioning under the control of this Department. During Financial year 2019-2020 (upto 31.01.2020) the Department carried out repairs to 23,504 Vehicles through Government workshops.

15.5 Other Activities of the Department

The Main objective of this Department is to provide quality maintenance services to all the Government departmental vehicles in an economic and efficient manner. All Government department vehicles condemned by this department are being sold / disposed through e-auction, by M/s MSTC, Chennai from the year 2019 as per the orders of the Government. All vehicles confiscated by judicial department, Forest department, Police department, Revenue department etc., are being inspected, valued and disposed, as per the Government orders in force.

15.6 Amma Driver Training Centres

Hon'ble Minister for Transport made an announcement on the floor of the assembly during the presentation of the demand of the Transport Department for Financial Year 2016-17, to Start new "AMMA Driver

Training Centres” in Government Automobile Workshops at, Salem, Tiruchirappalli and Madurai for developing skilled drivers and also to refresh the driving skills of the drivers working in various Government Departments. Accordingly the “AMMA Driver Training Centres” have already been started in all the above three Places.

15.7 Amma Government Mobile Workshops

For the maintenance of Government Department Vehicles, 20 unit workshops are functioning at the district head quarters. Government Department Vehicles plying in other districts, where Government Automobile Workshops are not available have to be brought to the nearest Government Automobile Workshop, for carrying out repair and maintenance work.

For this purpose, the vehicles have to travel a long distance which leads to wasteful consumption of fuel and unnecessary waste of time of the Government drivers. To avoid these difficulties the Hon'ble Minister for Transport announced on the floor of the State Legislative Assembly on 03.07.2018, to form "Amma Government Mobile Workshop" in Tiruchirappalli and Thanjavur on pilot basis. On 29.01.2020, the Hon'ble Chief Minister has inaugurated the "Amma Government Mobile Workshop" at Tiruchirappalli and Thanjavur Districts.

15.8 Computerisation

Hon'ble Minister for Transport has announced on the floor of the State Legislative Assembly on 16.07.2019 to computerize the activities of the Directorate and Workshops at a cost of Rs.2 Crore through Tamil Nadu e-Governance Agency.

Government have already released Rs.1.4643 Crore towards this and Government e-Governance Agency has completed the as-is study and prepared Software Requirements Specification (SRS) and Detailed Project Report. Tenders will be called shortly to develop the software and for supply of hardware and internet connectivity.

15.9 Diagnostic Tools Purchase

The Hon'ble Minister for Transport also announced on the floor of the State Legislative Assembly on 16.07.2019 to procure "Diagnostic Tools" at a cost of Rs.15 Lakh and to supply the same to the Government Automobile Workshops at Chennai, Salem, Trichy and Madurai on Trial basis. Accordingly Rs.16.87 Lakh has been sanctioned by the Government and procurement is under process.

15.10 Training

Hi-tech vehicle repair training has been imparted to 52 technical workers during the year 2019-2020 (as on 31.01.2020) as detailed below: -

Sl. No.	Training conducted by the Company name	Training Period	No. of Persons
1.	Force Motors, Coimbatore	26.09.2019 to 28.09.2019	12
2.	TATA Motors, Chennai	03.10.2019 to 04.10.2019	20
3.	Lanson Motors Pvt.,LTD Chennai	21.11.2019 to 23.11.2019	6
4.	Mahindra & Mahindra, Chennai	26.12.2019 to 28.12.2019	14
Total			52

15.11 No. of vehicles condemned in different categories during the year 2019-2020 is as follows:-

Year	H.M.V.	Car	Jeep	Van	M/C	TOTAL
2019-2020 (up to 31.01.2020)	71	151	265	51	223	761

CHAPTER-16

Conclusion

This Department aims to provide effective, safe and reliable public transport through various modes of transport such as Bus, Railways and Airways transport system. The Government have initiated various measures to improve the quality of bus services by purchasing new buses to replace old fleet and propose to purchase BS VI Compliant buses and reduce pollution and eliminate dependence on Fossil fuel. This department proposes to use information technology extensively to improve the functioning of the State Transport Undertakings and make the STU bus services more user friendly. Department is also working towards connecting various modes of public transport in a seamless manner along with emphasis on first and last mile connectivity. Augmentation of bus transport such as construction, renovation and

modernization of bus depots, procurement of new generation buses etc is a continuous exercise. Government is focussed on supporting growth of usage of public transport by public and improve the share of bus transport in overall mobility due to its cost effectiveness in long run, environment sustainability and reduction in congestion on roads and traffic signals. This requires substantial up-front as well as continuous financial support along with grant of concessions to various sections of population to make their mobility affordable. Government of Tamil Nadu is fully committed to big time investing in public transport infrastructure and its efficient functioning and make the bus transport world class.

M.R. VIJAYABHASKAR

Minister for Transport

ANNEXURE

DEMAND No. 48

TRANSPORT DEPARTMENT

BUDGET ESTIMATE 2020-2021

(Rupees in thousands)

SI No.	Head of Department	Revenue	Capital	Loan	Total
1	Secretariat	1,690,62,59	192,00,07	768,10,00	2,650,72,66
2	Motor Vehicles Maintenance Department	65,53,36	-	-	65,53,36
Total		1,756,15,95	192,00,07	768,10,00	2,716,26,02