

Traffic flow in the planned city of Chandigarh

Anuradha Nandal

Department of Geography, Panjab University, Chandigarh, Punjab and Haryana, India

Abstract

Steadily traffic flow in any mega city is very important. The traffic flow in Chandigarh is more important because with Union Territory it is the capital of two states Punjab and Haryana. In this study analysis the traffic flows on different routes. The smoothly flow of traffic insure the transport facility to passengers. In this calculate the time taken by buses toward destination, traveling time between the terminals, time schedule of try city buses. Mainly study focuses on the Chandigarh Transport Undertaking and his introducing Transport Grid system in Chandigarh w.e.f 23rd January 2006.

Keywords: buses, Chandigarh, city, flow, passenger, route, terminal, CTU etc.

Introduction

Chandigarh is the first planned modern city of India designed by the French architect Le Corbusier. Chandigarh is a city in India that serves as the capital of two states – Punjab and Haryana. However, the city does not belong to either state. Rather, the city is administered by the federal government and hence classified as a union territory. Chandigarh and the area surrounding it were constituted as a union territory on 1st November, 1966. The city was named after the mother goddess of power, Chandi, whose temple Chandi mandir is a feature of the new city. Le-Corbusier was assisted by his cousin, Pieree Jeanneret and the English couple E. Maxwell Fry and Jane B. Druel. These three architects are responsible for most of the public and residential building raised in Chandigarh between 1950 and 1965. The city beautiful city is also known as ‘city of roses’ because of a garden entirely devoted to roses.

Chandigarh is bounded on the north and west by Punjab and east and south by Haryana. Total area of the union territory is 114 Sq. Km. it is located in Latitude 76.420 to 76.510 North Longitude 30.400 to 30.460 East. Chandigarh is located in the fringes of the Shivalik range at 30° 44' 14 N latitude and 76° 47' 14 E longitude. The area falls under the Indo-Gangetic Plain a few miles south of the Shiwalik Hills and between two seasonal hill torrents, the Sukhna Choe and the Patiali Rao. The land is a flat, fertile tract of alluvial soils. It covers an area of approximately 114 km² and shares common boundaries with the states of Haryana in the south and east, and Punjab in the north and west.

Chandigarh has a sub-tropical continental monsoon climate characterized by a seasonal rhythm, hot summers, cool winters, unreliable rainfall and great variation in temperature (0 °C to 44 °C). In winters, frost sometimes occurs during December and January. The average annual rainfall is 104.8 cm. It also receives occasional winter rains from the western disturbance. The best season is between September and November when the sky is crystal clear and mornings and afternoons are delightful.

While Chandigarh has a well-developed public transport network, most of Chandigarh's inhabitants prefer to use their own vehicles to commute within the city. This includes a large number two wheelers such as motor-cycles and scooters. Chandigarh also has the largest number of per capita vehicles in India. Wide, well maintained roads and ample parking space all over the city, make it convenient to use private vehicles for local transport. Public buses run by the Chandigarh Transport Undertaking (CTU). Present study is an attempt to find out the traffic flow of bus service in the planned city Chandigarh an undertaking of the Chandigarh Administration, provide local transport as well as inter-state transport services.

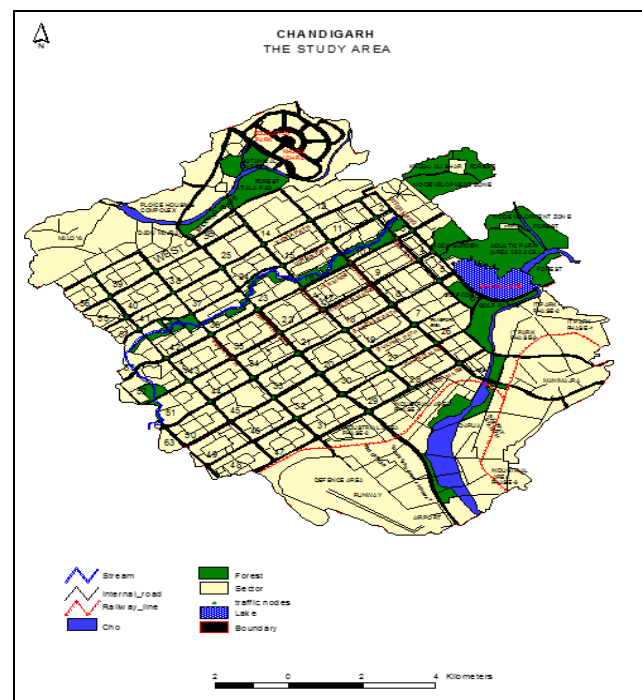


Fig 1

Introduction

Chandigarh Transport Undertaking came into existence on 1st November, 1966 with the creation of Union Territory of Chandigarh and 30 buses were transferred from Punjab to Chandigarh Administration. With the growth of city and to cope up with the public demand, the CTU fleet increased to 417 buses and CTU is now having three depots and 2286 employees. All the three CTU workshops are well equipped with modern tools and equipment. The CTU is also managing two Inter State Bus Terminus at Sector-17 & Sector-43 Chandigarh with the objective to provide safe, eco-friendly, cost-effective and efficient modes of transportation. The Chandigarh Traffic Police over sees the implementation of the traffic rules, and is widely credited for a fairly orderly traffic system. The Traffic Park in Sector 23 introduces children, rickshaw-pullers and new drivers to traffic safety. Rickshaws are commonly used for travelling short distances, especially by school-going children, housewives and the elderly. Autorickshaws are limited, and most often ply to and from the ISBT. Most heavy traffic roads now have rickshaw lanes, which the rickshaw-pullers must adhere to compulsorily. Chandigarh is well connected by road. The two main National Highways (NH) connecting Chandigarh with the rest of the country are: NH 22 (Ambala - Kalka - Shimla - Kinnaur) and NH 21 (Chandigarh - Leh). Chandigarh has two Inter-State Bus Terminus (ISBT), one for the North, East and South located in Sector 17, which has regular bus services to most major cities in Haryana, as well as the national capital Delhi, which is about 240 km away. And a second in Sector

43 for the Western section, mainly Punjab, some parts of Himachal and Jammu and Kashmir. Chandigarh has a small railway station located about 10 km. away from the ISBT. Regular train connections are available to the national capital New Delhi and to some other junctions like Kalka, Ambala, Amritsar, Bhiwani, Howrah, Mumbai, Chennai, Trivandrum and Sri Ganganagar. Chandigarh also has a domestic airport located nearly 12 kilometers from the ISBT. Its name is Chandigarh Airport. Jet Airways, Air Deccan and Indian (airline) operate regular flights from Chandigarh to New Delhi and Mumbai. In the near future, the city will also see, a Metro Rail, and an international airport. They are both approved by the governments, and are now at the design step to finalize the project design.

Bus services for local passengers/ new grid transport system in Chandigarh

The Chandigarh Transport Undertaking is introducing the New Transport Grid system in Chandigarh w.e.f 23rd January 2006. In the New Grid Transport System 45 routes are being plied in Chandigarh. Out of above routes 15 are on Horizontals Roads and 16 are Vertical Sectors. The new Grid Transport System buses will be operating on the following routes (Clock wise and Anti Clock wise). Besides above said Vertical & Horizontal routes, 14 routes are also being plied on Point-to-Point destination from ISBT 17 to PGI, Secretariat High Court, IT Park, Khudha Alisher, Panchkula, Nada Sahib, Cantonment, Saketri, ISBT 43, Air Port, Railway Station, etc.

Table 1: List of Routes under Grid System

S. No	R. No	Description of route	Time	Frequency
1.	1A	PGI to PGI Via – 14Mkt., 15Mkt., 16Mkt., ISBT-17, 18Mkt., 19Mkt., 27Mkt., 28Mkt., CTU Workshop, Railway Station, Railway Crossing, HB Chowk, Manimajra, M.M. Town, M/Complex, G. Market, GGS college, 7Mkt., 8Mkt., 9Mkt., 10Mkt., 11Mkt., OPD-PGI.	6.20 a.m. from PGI and 20.20 hrs. upto Railway Station	30Min.
2.	1C	PGI to PGI via OPD, 11,10,9,8,7, GGS College-26, Grain Market, Modern Complex, M.M.Town, Manimajra H. Board Chowk, Rly. Crossing, Rly. Station, CTU Workshop, 28,27,19,18, ISBT-17, 16, 15, 14, PGI	6.10 a.m. to 20.10 hrs. upto Railway Station	30Min.
3.	2A	Mani Majra to Mani Majra, Via – Indira Colony, M.M. Town, M/Complex, Rly. Cross, 26 G. Mkt, 19/7, 18/8, 22/17, 16/10, 15/11, 14/12, Khuda Lahora, Sarangpur, Barrier Dhanas, Dadu Majra, CTU Workshop, 25/14, 24/15, 23/16, ISBT-17, 18/21, 19/20, 27/30, 28/29, 28 P.Pump, CTU Workshop, Railway Station, R/Cross, H.B. Chowk, Manimajra.	5.30 a.m. to 21.00 hrs. upto 22/17	20Min.
4.	2C	Mani Majra to Mani Majra via H. Board, Rly. Station, CTU Workshop, 28 P. Pump, 28/29, 27/30, 19/20, 18/21, ISBT-17, 16/23, 15/24, 14/25, CTU Workshop, Dadu Majra, Dhanas, Sarangpur Barrier, Khuda Lahora, 14/12, 11/15, 10/16, 9/17, 8/18, 7/19, Grain Mkt., Rly. Crossing, M/Complex, M.M Town, Indira Colony, M. Majra	5.35 a.m. to 21.05 hrs. upto 22/17	20Min.
5&6	3A & 3C	Zirakpur to Zirakpur Via – Tribune Colony, Baltana, Raipur, Vikas Nagar, Railway Station, Darua, CTU Workshop, Colony No-4, Udyog Path, 29/28, 30/27, 20/19, 21/18, 22/17, 16/17, 16/10, 15/11, PGI, Khuda Lahora, Sarangpur Barrier, Dhanas, Dadumajra Colony, CTU workshop, 25/38, 24/37, 23/36, Bajwara Chowk, 35/36, Attawa, 43/42., ISBT-43, 44/43, 34/35, Piccadilly Chowk 21/34, 20/33, 30/32, 29/31, Tribune Chowk, Hallomajra, Airport Chowk, Zirakpur.	5.30 a.m. to 21.00 hrs.	30Min.
7. & 8	4A & 4C	Sec-47 to Sec-47 via – Ramdarbar, Ind. Area Ph-II, Tribune, 31/29, 32/30, 20 Market, 21 Market, Aroma, 22/17, 16/17, 16/10, New OPD, 15/11, 14/12, K.Lahora, Sarangpur Barrier, Dhanas, DMC, 38W, Maloya, 39 Mkt., 39/40, 38 Mkt., 37 Mkt, 36/37, 42/41, 42 Mkt., I.S.B.T-43, 44/43, 44 Mkt., 44/45, 33/45, 32/46, 31/47, Sector-47.	6.10 a.m. to 20.10 hrs.	40Min.
9.	5A	Ram Darbar to Ram Darbar Via – Sector- 47, 31/47, 31/32, 29/30, 27/28, 27/26, 19/7, 18/8, 17/9, 16/10, 15/11, PGI, University, 24/25, 37/38, 38/40, 39/38W, Maloya,	6.00 a.m. to 20.35 hrs. upto PGI	25Min.

		39Mkt., 40Mkt., 41Mkt., 42 College, ISBT-43, 44Mkt., 45Mkt., 46Mkt., 47Mkt., Ramdarbar.		
10.	5C	Ram Darbar to Ram Darbar via Ramdarbar, 4Mkt., 46, 45, 44, ISBT-43, 42 College, 41, 40, 39, Maloya, 39/38W, 38/40, 38/37, 25/24, University, PGI, 11/15, 10/16, 9/17, 8/18, 19/7, 26/27, 28/27, 29/30, 31/32, 31/47, Sec-47.	6.10 a.m. to 20.45 hrs. upto ISBT-17	25Min.
11.	6A	Mohali Ph XI to Mohali Ph XI Via – Ph-11/10, 48 outer, 48Mkt., 48/49 Chowk, 47/46 Chowk, 46Mkt., 45/46, 33/32, 20/30, 20Mkt., 22/23, ISBT-17, 21/22 Aroma, 35/36, Attawa, 37/41, 40/41, Badheri, Palsora Chowk, Ph-6 Old Barrier, 54/59, 60, 61, 62, 63, 64, 65	5.40 a.m. to 21.00 hrs. upto PH-XI	20 Min.
12.	6C	Mohali Ph XI to Mohali Ph XI Via- 65, 64, 63, 62, 61, 60, 54/59, Ph-6 Old Barrier, Palsora Chowk, Badheri, 40/41, 37/41, Attawa, 36/35, 23/22, ISBT- 17, 22/21, 20Mkt, 30/20, 32/33, 46/45, 46, 47/46, 48/49, 48, Ph 11/10.	5.40 a.m. to 20.40 hrs. upto Sec-47	20Min
13.& 14	7A & 7C	Sec-42/43.Attawa,36/35,35 Mkt, 34, 33 Mkt,32 Mkt, 31 Mk, Ram Darbar, Indl. Area Ph-II, Tribune Chowk, 29 Mkt, 30 Mkt, 21,Aroma,22/17, Sec-23/22,23Mkt,24 Mkt,24/25, 25/38/38 West, Maloya, 38/39, 38 Mkt,37 Mkt, 36Mkt, 35/36,Attawa, 43/42, ISBT- 43.	6.00 a.m. to 20.30 hrs.	30Min
15.	8	Palsora to Ph-11 Via – 40/41, 38/37, 37Mkt., 36Mkt., 36/35, 23/22, ISBT-17, Aroma, 34/35, ISBT-43, 44Mkt., 45Mkt., 46Mkt., 47Mkt, 48Mkt., 48/49, Ph-11/10, Ph-11.Ph-11 to Palsora Via – Ph-11, Ph-11/10, 49/48, 48 Mkt., 47 Mkt., 46 Mkt., 45 Mkt., 44 Mkt., ISBT-43, 35/34, 35/22, 23/22, ISBT-17, 22/23, 35/36, 36 Mkt., 37 Mkt., 37/38, 41/40.	5.55 a.m. to 20.25 hrs.upto 17 6.10 a.m. to 20.10 from Sec.-17	30Min.
16.	9A	Mansa Devi to Mansa Devi Via –Manimajra, H.B. Chowk, TPT chowk, Grain Mkt., 26/27, 27/19, 20/30, 32/33, 45/46, 49/50, 63/64,66 Mandikaran Houses,Police Chowki, Sec-66, Ph-11, Ramdarbar/31, Tribune Chowk, 29 Ind. Area-I, 28 petrol pump, CTU workshop, R/Station, R/Cross, HB Chowk, Manimajra	6.10 a.m. to 20.10 hrs. upto Ph-11	30Min.
17.	9C	Mansa Devi to Mansa Devi Via – Manimajra,, H.B. Chowk, R/Cross, Rly. Station, CTU Workshop, Petrol Pump-28, 29/Indl. Area-I, Tribune Chowk, 31/Ram Darbar, Ph-11, Sec-66,Police Chowki, Mandikaran Houses 63/64, 49/50, 45/46, 32/33, 20/30, 27/19, 26/27, G. Mkt, TPT Chowk, HB Chowk, Manimajra	6.20 a.m. to 20.50 hrs. upto Ph-11	30Min.
18.	10A	Mohali Ph XI to Mohali Ph XI Via – Sec-65/64, 48/49, 47/46, 31/32, 29/30, 27/26, Grain Mkt., H.Board, Manimajra, Mansa Devi, Manimajra, H.Board, Grain Mkt., 27/26, 19/7, 19/18, 20/21, 33/34, 44/45,43 Bus Stand, 51/52, Ph-7,Bus stand Mohali, 63, 64, Ph-10, Ph-11	6.40 a.m. to 20.00 hrs. upto Mani Majra	40Min.
22	12A	Mohali Phase-11 to Mohali Phase-11 Via –64/63, 62/61, 51/50, 45/44, 34/33, 21/20, 18/19, 8/7, 5/6, Lake, Rock Garden, High Court, Sectt., MLA flats, ¾, 10/9, 16/17, ISBT-17, 22/23, 35/36, 42/43, ISBT-43, 53/52, 60/61,62,63,64,65.	7.00 a.m. from Mohali –XI and 19.15 hrs. upto Ph-XI	35Min.
23.	12C	Mohali Phase-XI to Mohali Phase-XI via-64,63,62,60/61, 53/52, ISBT-43, 42/43, 35/36, 22/23, ISBT-17, 16/17, 10/9, ¾, MLA Flats, Sectt., High Court, Rock Garden, Lake, 5/6, 8/7, 18/19, 21/20, 34/33, 45/44, 51/50, 62/61	6.30 a.m. fromPh-XI to Mohali Phase-XI via Sector 43 and 20.25 hrs. upto ISBT-17	35Min.
24& 25	13A & 13C	Sectt. To Sectt. Via – High Court, Sec-2/3, 10/11, 15/16, 23/24, 36/37, 41/42, 42 Mkt., ISBT-43, 52/43, 53/42, 53/54, 59/60, PCL Chowk, 70/71, Sec-70, 70/69, 61/62, 52/51, ISBT-43, 43/44, 35/34, 22/21, ISBT-17, 17/18, 9/8, 4/3, Sectt	6.30 a.m. from 15/16 chowk and 19.40 hrs. from Lake to ISBT-17	30Min.
26.	14A	Sectt. To Sectt. Via –2/11, 12/11, University, 14/15, 25/24, 38/37, 40/41, 55/56, Ph-1, Franco, PTL chowk, 58/59, outer 59, outer 60, 60/61, 53/52, 42/43, ISBT-43, 36/35, 23/22, ISBT-17, 16/17, 10/9, MLA Flats, ¾, Sectt	6.30 a.m. from PGI and 19.30 hrs. from Lake upto ISBT-17	30Min.
27.	14C	Sectt. To Sectt. Via-Sectt, ¾, MLA Flats, 10/9, 16/17, ISBT-17, 23/22, 36/35, ISBT-43, 42/43, 53/52, 60/61, outer 60, outer 59, 58/59, PTL chowk, Franco, Ph-1, 55/56, 40/41, 38/37, 25/24, 14/15, University, 12/11, 2/11	6.30 a.m. from Sec.17 and 19.30 hrs. from lake to Sec.43	30Min.
28.	15A	PGI to PGI Via – 14, 38/25, 38W, 39/40, 56/39, PH-I Franco, PTL Chowk, Industrial Area, 70/71, Back PCL, 54/53, 41/42, 37/36, 23/24, 15/16, 11/15, PGI.	6.00 a.m. from PGI and 19.30 hrs. full	30Min.

Table 2: Point to point bus services

Sr. No.	Route No.	Description of Route	Departure time from Starting Point	Frequency
1.	2F	P.G.I to Panchkula Sector-20, via- 15/11, 16 Hosp, 16/10, ISBT-17, 8/18, 7/19, 26/27, Grain Market, Rly. Cross. H. Board Chowk, Sector 11/15, 12/11, Pkl Sec.-4, 4/2, Devi Nager, Sec.-21, 20 Panchkula.	6.00 a.m. to 21.10 hrs	30 Minutes
2.	2B	PGI to Manimajra via- 11/15, 10/16, 9/17, 8/18, 7/19, 26/27, Grain Market, Rly. Cross. H. Board Chowk, Mani Majra.	5.55 a.m. to 19.55 hrs	30 Minutes
2.	17	ISBT, Sector-43 To Air Port ia42/43, Attawa, 36/35, 23/22, ISBT-17, Aroma,	6.20 to 19.40 hrs	50 Minutes

		20 Mkt., 30 Mkt., 29 Mkt., Inhl. Area Ph-1, Hallo Majra, Air Port.		
3.	18	ISBT 43 to Sectt. & High Court via-ISBT-17, 43/42, 36/35, 23/22, Sector 17/18, 9/8, 9, MLA Flat, Sectt. High Court. Sectt., MLA Flat, 10/9, 17/16 and ISBT-17	7.35 to 17.05 hrs	20 Minutes
4.	22	ISBT-43 to IT Park via 42/43, 36/35, 23/22, ISBT-17, 17/18, 18 Mkt., 19 Mkt., 27 Mkt., 28 Mkt., CTU Workshoop, Railway Station, Housing Board Chowk, Mani Majra, Kishangarh, IT Park.	6.20 to 20.20 hrs.	30 Minutes
5.	23	ISBT-43 to 43/44,34/35,21/22, New OPD via- 22/17, 16/17, 16 Hospital, 15/11, P.G.I New OPD, 11Mkt.,	5.40 to 20.55 hrs	30 Minutes
6.	24C	ISBT-43 to ISBT 43 via Attawa, Sector 36/35, 22/23, Bus Stand-17, Aroma, Sector 35/34, 44/43, ISBT 43.	5.35 to 19.45 hrs.	30 Min.
7.	24A	ISBT-17 to ISBT 17 via- Sector 22/23, 35/36, Attawa, ISBT 43, Sector 43/44, 35/34, 35/22, 22/23, ISBT- 17.	5.00 to 19.45 hrs	30Min
8.	26	ISBT-43 to Khuda Ali Sher via 44/43, 35/34, Aroma, 22/17, 16/10, 15/11, PGI, Engg. College, Naya Gaon, Khuda Ali Sher	7.10 to 17.10 hrs	50 Minutes.
9.	30	ISBT-17 to Nada Sahib via- 22/23, Sector 22, 20, 19/27, 26/27, 26 Grain Market, Rly. Cross, Housing Board, Mani Majra, Nada Sahib	6.05 to 20.45 hrs.	20 Minutes
10.	30 A	ISBT-43 to Cantonment via 43/42, Attawa, 36/35, Bajwara Chowk, Piccadily Chowk, 21/34, 20/33, 30/32, Tribune Chowk, Poultry Farm, Colony No. 4, CTU Workshop, Railway Station, Housing Board Chowk, Mani Majra, Tank Chowk, Cantonment	6.00 to 20.40 hrs	35 Minutes.
11.	32 A	ISBT-43 to Mansa Devi via 42/43, Attawa, 36/35, 23/22, ISBT-17, 17/18, 8/18, 7/19, 26/27, Grain Mkt., Railway Crossing, Housing Board Chowk, Mani Majra, Mansa Devi.	6.15 to 20.45 hrs	30 Minutes
12.	30 B	ISBT-43 to Sector-4 Panchkula via 42/43, Attawa, 36/35, 23/22, ISBT- 17, Aroma, 21 Mkt., 20 Mkt., 19/27, 27 Mkt., Grain Mkt., Railway Crossing, Housing Board Chowk, 11/15, 12/11, Sector-4 Panchkula.	6.20 to 21.20 hrs	30 Minutes
12.	71	ISBT-43 to Kaimbwala via 42/43, 36/35, 23/22 ISBT-17, 17/18, 18 Mkt., 19 Mkt., 27 Mkt., Grain Mkt., Railway Crossing, Modern Complex, Indira Colony Mani Majra, Swastic Vihar, Mansa Devi, Saketri, Kaimbwala.	6.10 to 20.40 hrs.	35 Minutes
13.	85	ISBT-43 to Zirakpur via 42/43, 36/35, 23/22, ISBT-17, 17/18, 18 Mkt., 19 Mkt., 27 Mkt., Grain Mkt., Railway Station, Raipur/Vikas Nagar, Baltana, Zirakpur	6.45 to 16.45 hrs.	60 Minutes.
14..	37	ISBT-17 to Railway Station via- i) PGI Madhya Marg, Sec.-26 Grain Market, Rly. Station. ii) 24/15, 15/14, PGI, MLA Flat, Sec.-7, 8, Sec.-26 Grain Market, Rly. Station. iii) 22/23, 35, 34, 33, 32, 47, Tribune, Sec.-26, TPT., Rly. Station. iv) 22/23, Markets Sec. 22, 21, 20, 19/27,27, Sec.-26 Grain Market, Rly. Station. The buses mentioned above returned back at 3.40 a.m. on same routes.	21.00 hrs. 21.15 hrs. 21.45 hrs. 24.00 hrs.	Four trips during night
15	2D	PGI to M Majra via OPD,10/16,ISBT-17,8/18,7/19,26/27, Grain MKT.,CTU workshop, R/Station, R/ Crossing, H.B Chowk, Complex, MMTown, MMajra,	6.05 hrs. to 20.05 last	30 Min.
16	24A	ISBT-17 to ISBT-17 via 22/23,35/36,,Attawa,ISBT-43,43/44,35/34,35/22,23/22, ISBT-17.	21.00 hrs. to 4.30 AM	45 min. (Night Service)
17	24C	ISBT-43 to ISBT-43 via Attawa,36/36,23/22,ISBT-17,21/22 Aroma,,34/35,44/43,ISBT-43	21.00 hrs. to 4.30 AM	45 min. (Night Service)

Table 3: Mini ac buses routes in chandigarh

Route no	Name of the route	No of buses	Single KMs	Starting & Closing time	frequency
201	Airport to PGI via Tribune,32/30.33/20,Aroma,17/22,sec 16.PGI, university	2	15	7.25 am to 5.25 pm	50
202	ISBT-43 to High court via Attawa. kishan bhawan, 22/23, cricket stadium, UT sectt. MLA flat. Civil sect	2	13	7.45am to 5.05 pm	40
203	Railway Station to ISBT-17 via CTU W/shop,28 mkt,27 mkt, sec 19/27,sec 20 masjid,ISBT-17	2	8	7.40 am to 5.10 pm	45
204	Manimajra to PGI via housing board,grain mkt,27/28,19/7,16/10,15/11	2	13	7.00 am to 5.00 pm	40
205	ISBT-43 to PGI via 43/44,35/36,22/23,16/17,16/10,PGI	2	9	7.25 am to 5.25 pm	30
206	ISBT-43 to IT park via Attawa, kishan bhawan,22/23,ISBT-17,Govt press,8/18,7/19,27/26,26 grain mkt, railway crossing, kishangarh, IT park	3	16	7.05 am to 5.45 pm	40
207	Sector 48 to High Court via Lake via 48/49,46/47,46 mkt,45 mkt, 44 mkt,ISBT-43,Sec 35/36,ISBT-17,sec 8/18,sec 7/8,sec 5/6,lake.rock garden, high court	4	20	7.00 am to 5.30 pm	30

Conclusion

C.T.U. (Chandigarh transport undertaking bus service) is the mass transport system of the Chandigarh. There are three types of buses which run in the city:

1. Grid system
2. Point to point system
3. Mini A.C. buses

Grid system covered almost all the city. It serves Chandigarh city as well as surrounding. In grid system 29 buses are serving the city. Grid system bus service provide good traffic flow, due to which passengers feel a comfortable journey.

Point to point system serves less area. It goes from one point to other. Its service is limited to Jan marg, Himalaya marg, and Madhya Marg and Dakshin marg. These are 17 in number.

Mini A.C. buses are only 7 in number and covered very less area. Environment in this service is quit comfortable.

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