

**FOLLOWING GROUND RULES HAVE BEEN FOLLOWED IN THE FINAL RATIONALIZED TIMING ON
BHUBANESWAR/ CUTTACK- PANIKOILI/JAJPUR ROAD/ANANDAPUR/GHATAGAON/DHENKIKOTE
/KARANJIA/KEONJHAR ROUTE (FOR VERSION 4.0)**

1. GENERAL PRINCIPLES.

The Buses operating on the corridor, Bhubaneswar/ Cuttack-Jajpur

Road/Anandapur/Ghatagaon/Dhenkikote/Keonjhar/Karanjia route are grouped into twelve categories.

Category A1- Bhubaneswar/Cuttack-Jajpur Road-Ghasipura-Ghatagaon-Dhenkikote-Keonjhar

Category A2- Bhubaneswar/Cuttack-Chandikhol-Duburi-Harichandanpur-Pandapada-Keonjhar

Category A3- Bhubaneswar/Cuttack-Chandikhol-Duburi-Harichandanpur-Ghatagaon-Dhenkikote-Keonjhar

Category B1- Bhubaneswar/Cuttack- Jajpur Road- Ghasipura-Ghatagaon-Dhenkikote –Karanjia

Category B2- Bhubaneswar/Cuttack- Jajpur Road-Anandapur-Thakurmunda –Karanjia

Category B3- Bhubaneswar/Cuttack- Chandikhol-Duburi-Harichandanur- Ghatagaon-Dhenkikote-Karanjia

Category C- Bhubaneswar/Cuttack-J.K Road/Anandapur/Ghasipura

Category D- Kuakhia/Panikoili-Keonjhar

Category E- J.K Road-Anandapur/Ghasipura-Keonjhar

Category F- Bhubaneswar/Cuttack- Chandikhol-Duburi/Harichandanur

Category G- Bhubaneswar/Cuttack-J.K Road-Ghasipura-Ghatagaon/Dhenkikote

Category H- Bhubaneswar/Cuttack-J.K Road-Anandapur-Thakurmunda

Category C (Via) - Bhubaneswar/Cuttack-Panikoili not touching Jajpur Road.

Category A2 (Via) - Chandikhol/Duburi-Harichandanpur-Pandapada-Keonjhar

Category A3 (Via)- Duburi/Harichandanpur- Ghatagaon-Dhenkikote –Keonjhar

Category B1 (Via) – J K Road-Ghasipura-Ghatagaon-Dhenkikote-Karanjia

Category B2 (Via) – Chandikhol/Kuakhia/Panikoili/J K Road-Anandapur-Thakurmunda-Karanjia

Category B3 (Via)- Duburi/Harichandanpur—Ghatagaon-Dhenkikote-Karanjia

Category G (Via)- Duburi-Harichandanpur—Ghatagaon/Dhenkikote

&

J K Road-Ghasipura-Ghatagaon

Category H (Via)- J.K Road-Anandapur-Thakurmunda

2. DISTANCE MATRIX.

- | | |
|--------------------------------------|-----------|
| a) Distance: Baramunda-Cuttack | : 30 Kms. |
| b) Distance: Cuttack-Chandikhol | : 44 Kms. |
| c) Distance: Chandikhol-Kuakhia | : 18 Kms. |
| d) Distance: Kuakhia-Panikoili | : 12 Kms. |
| e) Distance Chandikhol-Duburi | : 40 Kms. |
| f) Distance Duburi-Harichandanpur | : 58 Kms. |
| g) Distance Harichandanpur-Ghatagaon | : 15 Kms. |
| h) Distance: Panikoili-Jajpur Road | : 11 Kms. |

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- i) Distance: Jajpur Road-Anandapur : 35 Kms
- j) Distance: Anandapur-Ghatagaon : 39 Kms.
- k) Distance: Ghatagaon- Dhenkikote :14 Kms.
- l) Distance: Dhenkikote –Keonjhar : 33 Kms.
- m) Distance: Dhenkikote –Karanjia : 39 Kms.
- n) Distance: Anandapur –Thakurmunda : 43 Kms.
- o) Distance: Thakurmunda-Karanjia : 41 Kms.
- p) Harichandanpur-Pandapad-Keonjhar : 44 Kms.

3. RUNNING TIME:

Revised running time has been fixed at 1.40 Minute/K.M as per discussion with Bus Association members (Except Baramunda-Cuttack, Cuttack-Chandikhole, Chandikhole-Duburi and Harichandanpur-Keonjhar via Pandapada).

- a) Baramunda-Cuttack : 1:00 hour
- b) Cuttack-Chandikhol : 1:05 hour
- c) Chandikhhol-Kuakhia : 25 minutes
- d) Kuakhia-Panikoili : 17 Minutes
- e) Chandikhhol-Duburi : 1:00 hour
- f) Duburi-Harichandanpur : 1:21 hour
- g) Harichandanpur-Ghatagaon : 21 minutes
- h) Panikoili-Jajpur Road : 15 minutes
- i) Jajpur Road-Anandapur : 49 minutes
- j) Anandapur-Ghatagaon : 57 minutes
- k) Anandapur-Thakurmunda : 1.00 hour
- l) Thakurmunda-Karanjia : 57 minutes
- m) Ghatagaon-Dhenkikote : 20 minutes
- n) Dhenkikote –Keonjhar : 46 minutes
- o) Harichandanpur-Keonjhar : 1:05 hour
- p) Dhenkikote –Karanjia : 55 minutes

4. HALTING TIME.

Following halting time is fixed at major point.

Minimum **16** minutes gap has been maintained between arrival and departure at destination point for category C, 24 minutes for Cat-D, E and 32 minutes for category A1, A2,A3, B1, B2 and B3 buses. Sequence of vehicles are changed in case the vehicles fail to maintain 24 minutes at terminus point between arrival and departure for Category-E vehicle.

- a) Cuttack:10 minutes, 6 minutes, 5 minutes in up trip and 5 minutes in down trip
- b) Chandikhhol: 2 minutes.
- c) Duburi: 2 minutes.


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- d) Harichandanpur: 2 minutes.
- e) Kuakhia: 2 minutes.
- f) Panikoili: 2 minutes.
- g) Jajpur Road: 5 minutes, 4 minutes and 3 minutes in down trip in peak hour.
- h) Anandapur (Ghasipura): 5 minutes, 4,3 minutes in down trip in peak hour.
- i) Ghatagaon- : 5 minutes, 4 minutes and 3 minutes in down trip in peak hour.
- j) Dhenkikote: 3 minutes, 2 minutes.
- k) Thakurmunda : 3 minutes
- l) Keonjhar : 10 minutes.
- m) Karanjia: 10 minutes.

In some cases halting time is reduced in order to maintain clash free between main slot and via vehicles.

5. STATIONS INCLUDED

- a) Bhubaneswar
- b) Cuttack
- c) Chandikhol
- d) Duburi
- e) Harichandanpur
- f) Kuakhia
- g) Panikoili
- h) Jajpur Road
- i) Ghasipura
- j) Anandapur
- k) Thakurmunda
- l) Ghatagaon
- m) Dhenkikote
- n) Karanjia
- o) Keonjhar

6. SLOT DESIGN IN UP TRIP FROM PANIKOILI TOWARDS KEONJHAR

- a) 05:00 hours to 5:55 hours: 05 minutes

7. SLOT DESIGN IN UP TRIP FROM CUTTACK TOWARDS PANIKOLILI/J.K ROAD/ ANANDAPUR/ GHATAGAON/ KEONJHAR/KARANJIA

- a) 04:00 hours to 05:00 hours: 10 minutes.
- b) 05:00 hours to 09:00 hours: 6 minutes.
- c) 09:00 hours to 19:00 hours: 5 minutes.
- d) 19:00 hours to 20:00 hours: 6 minutes.

8. SLOT DESIGN IN DOWN TRIP FROM JAJPUR ROAD TOWARDS CUTTACK/BHUBANESWAR

- a) 05:00 hours to 6:00 hours: 10 minutes.

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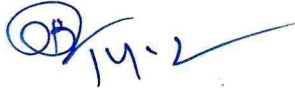
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- b) 06:00 hours to 07:00 hours: 4 minutes.
 - c) 07:00 hours to 09:00 hours: 3 minutes.
 - d) 09:00 hours to 10:00 hours: 4 minutes.
 - e) 10:00 hours to 13:30 hours: 5 minutes.
 - f) 13:30 hours to 15:00 hours: 6 minutes.
 - g) 15:00 hours to 19:00 hours: 5 minutes.
 - h) 19:00 hours to 19:40 hours: 10 minutes.
9. In up trip, timing are fixed according to existing departure time of Cuttack towards J K road/ Anandapur/ Keonjhar/ Karanjia.
 10. In up trip, Sequence of Cat-F vehicles timing are fixed according to existing departure from Cuttack towards Duburi/Harichandanpur and the sequence is not maintained with Keonjhar/Karanjia/JK Road/Anandapur/Ghasipura/Ghatagaon/Dhenkikote/Thakurmunda based vehicles in order to maintain gap between Cat-F to Cat-F vehicles.
 11. In down trip for Category-C, timing are fixed according to existing departure time at Jajpur Road for Jajpur Road based vehicles and timing are fixed according to existing departure time at Anandapur/Ghasipura for Anandapur/Ghasipura based vehicles.
 12. In down trip, timing are fixed according to existing departure time at Keonjhar and Karanjia for Keonjhar and Karanjia buses respectively.
 13. In down trip, sequence are maintained between Harichandanpur-Harichandanpur and Duburi-Duburi towards Cuttack for Cat-F vehicles.
 14. In up trip, sequence are maintained between Chandikhole-Chandikhole, Harichandanpur-Harichandanpur and Duburi-Duburi towards Keonjhar for A2 (Via) and Cat-A3(Via) vehicles.
 15. In up trip, sequence are maintained between Harichandanpur-Harichandanpur and Duburi-Duburi towards Karanjia for B3(Via) vehicles.
 16. In up trip, sequence are maintained between Chandikhole-Chandikhole, Anandapur-Anandapur towards Karanjia for B2(Via) vehicles.
 17. In up trip, sequence are maintained between J K Road-J K Road towards Karanjia for B1(Via) vehicles.
 18. The night services have not been incorporated in the rationalized timing as rationalized timing has been closed at 20:00 hours from Cuttack side in up trip.
 19. Beyond 20:00 hours from Cuttack side in up trip is treated as free zone.
 20. Night Inter State vehicles are not included in the rationalization timing after 18:00 hours from Cuttack side in up trip.
 21. Beyond 19:40 hours from Jajpur Road side is treated as free zone in down trip.
 22. Beyond 16:30 from Keonjar/Karanjia in down trip is treated as free zone.
 23. For Category-D in up trip timing are fixed according to existing time of Kuakhia/Panikoili towards Keonjhar.
 24. For Dhenkikote/Ghatagaon/Thakurmunda based buses in down trip, timing are fixed according to existing time of Dhenkikote/Ghatagaon/Thakurmunda respectively towards Cuttack/Bhubaneswar.
 25. Category D,E,A2(Via) and A3(Via) buses in down trip, timing are fixed according to existing departure of Keonjhar towards Anandapur/ J.K Road/ Panikoili/Harichandanpur/Duburi along with Keonjhar-Cuttack/Bhubaneswar based vehicles.
 26. Category D, E,F, C(VIA),A2(VIA), A3(VIA), B1(VIA), B2(VIA), B3(VIA), G(VIA) and H(VIA) are included in the via slots.
 27. Vehicle running in different alignment in up and down trip are converted to operate in single alignment in both up and down trip as per their first trip within the rationalization timing.
 28. Clash of timing is viable at Chandikhole in down trip during slot interval of 3 minutes in peak hour between some vehicles of Cat-F, Cat-A2,A3,B3 those are coming from Duburi alignment with some vehicles of Cat-C,A1,B1,B2,G,H those are coming from J K Road/Panikoili alignment as halting time at Chandikhole is 2 minutes.
 29. Clash of timing is viable for some vehicles at Ghatagaon/Dhenkikote in up trip between Keonjhar and Karanjia based vehicles as both the category of vehicles are coming from Duburi/Harichandanpur and JK Road/Ghasipura alignment.

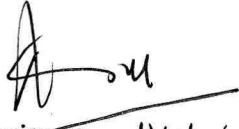
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30. Clash of timing is viable at Ghatagaon/Dhenkikote in down trip between Keonjhar and Karanjia based vehicles heading towards different alignment i.e J K Road/Anandapur and Duburi/Harichandanpur.
31. Beyond Panikoili/Jajpur Road/Anandapur/Ghasipura/Thakurmunda/Dhenjikote/Karanjia/ Keonjhar/ Bhubaneswar/ Duburi/ Harichandanpur/Ghatagaon/Kuakhia/Panikoili time will be fixed accordingly in the final rationalization timing.
32. Anandapur vehicles operating in different alignment except J K Road are included in main slots.
33. Buses running from Chandikhol-Duburi are excluded from rationalization timing.
34. Buses running between Harichandanpur to Keonjhar (Via Pandapada) are excluded from Rationalization timing.
35. Buses running between Ghatagaon-Dhenkikote-Karanjia/Keonjhar are excluded in rationalization timing.
36. Buses running between Anandapur-Thakurmunda are excluded in rationalization timing.
37. Buses running between Anandapur-Ghatagaon are excluded in rationalization timing.
38. Buses running between Jajpur Road-Duburi are excluded in rationalization timing.
39. Buses running between Duburi-Harichandanpur are excluded in rationalization timing.
40. Buses running between Harichandanpur-Ghatagaon are excluded in rationalization timing.
41. Buses running between Keonjhar-Karanjia are excluded in rationalization timing.



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