

**AMBIENT NOISE LEVEL ON PRE-DEEPAWALI DAY & DURING DEEPAWALI DAY, 2024
OF MAJOR CITIES/TOWNS OF ODISHA**

1. ANGUL

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2024

Location : A Amalapada	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			48.0	90.2	60.2	65.2	44.2	94.5	65.8	75.1	D	55
19:00 to 20:00 Hr			50.7	88.6	74.4		58.2	92.3	79.2			
20:00 to 21:00 Hr			52.4	92.4	64.0		52.7	85.6	83.0			
21:00 to 22:00 Hr		45.3	80.3	62.1	48.2		92.5	72.6				
22:00 to 23:00 Hr		N	46.5	70.4	62.4	59.3	50.0	84.2	62.4	60.4	N	45
23:00 to 24:00 Hr			42.8	65.2	56.2		48.4	78.6	58.4			

Location : B Main Bazar Chhak	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			56.2	92.4	76.5	70.8	64.2	95.5	82.6	77.9	D	65
19:00 to 20:00 Hr			64.8	86.0	72.4		68.0	105.5	78.4			
20:00 to 21:00 Hr			60.2	82.5	68.4		62.5	103.2	75.4			
21:00 to 22:00 Hr		58.4	78.2	66.0	62.2		98.4	75.2				
22:00 to 23:00 Hr		N	46.4	62.4	60.2	57.3	58.2	95.6	68.4	66.6	N	55
23:00 to 24:00 Hr			52.2	58.8	54.4		60.4	90.4	64.8			

Location : C DHH	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			52.6	85.5	59.2	65.5	54.2	82.4	62.0	62.4	D	50
19:00 to 20:00 Hr			48.6	74.2	64.0		50.5	89.8	72.4			
20:00 to 21:00 Hr			52.4	70.2	66.6		48.8	84.6	60.3			
21:00 to 22:00 Hr		58.2	86.4	72.2	45.2		75.5	55.2				
22:00 to 23:00 Hr		N	46.1	86.5	57.3	52.6	42.6	66.2	50.6	51.4	N	40
23:00 to 24:00 Hr			42.4	82.2	48.0		38.3	64.0	52.3			

Location : D I.E., Hakimpada	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			46.4	88.6	58.4	59.0	54.3	92.7	66.2	63.9	D	75
19:00 to 20:00 Hr			38.3	92.4	63.2		62.6	90.8	68.4			
20:00 to 21:00 Hr			54.2	75.6	55.4		58.2	88.3	58.0			
21:00 to 22:00 Hr		48.0	68.4	59.2	50.5		92.2	63.2				
22:00 to 23:00 Hr		N	42.4	72.0	52.0	54.2	48.3	92.0	56.4	56.8	N	70
23:00 to 24:00 Hr			40.2	74.5	56.4		49.5	75.6	57.2			

2. BALASORE

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2024

Location : A Sahadevkhunta		Zone		Pre-Deepawali Day (26.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration		Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr				34.9	60.3	42.8	50.9	43.2	68.4	58.4	63.4	D	55
19:00 to 20:00 Hr				38.2	66.4	54.6							
20:00 to 21:00 Hr				34.3	65.8	48.0							
21:00 to 22:00 Hr			41.2	71.2	58.2								
22:00 to 23:00 Hr			N	33.3	59.6	51.6	46.5	41.2	66.5	56.8	54.6	N	45
23:00 to 24:00 Hr				28.5	53.7	41.5		34.2	58.4	52.4			

Location : B Motiganj		Zone		Pre-Deepawali Day (26.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration		Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr				36.3	67.1	49.4	50.3	42.8	72.6	61.4	63.7	D	65
19:00 to 20:00 Hr				36.4	69.0	51.8							
20:00 to 21:00 Hr				35.4	69.5	51.5							
21:00 to 22:00 Hr			34.3	62.4	48.5								
22:00 to 23:00 Hr			N	34.6	59.2	44.4	43.5	42.5	68.6	59.8	57.6	N	55
23:00 to 24:00 Hr				28.6	52.4	42.7		38.2	60.4	55.4			

Location : C DHH		Zone		Pre-Deepawali Day (26.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration		Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr				35.2	56.5	51.6	51.6	42.4	61.3	52.4	54.4	D	50
19:00 to 20:00 Hr				41.2	59.4	55.3							
20:00 to 21:00 Hr				38.4	55.7	48.3							
21:00 to 22:00 Hr			36.3	61.4	51.2								
22:00 to 23:00 Hr			N	32.5	54.6	44.4	39.9	42.4	58.9	49.2	45.8	N	40
23:00 to 24:00 Hr				33.4	49.6	35.4		36.5	54.6	42.4			

Location : D Balasore I.E.		Zone		Pre-Deepawali Day (26.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration		Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr				45.7	68.6	51.7	49.9	42.6	72.6	55.7	54.9	D	75
19:00 to 20:00 Hr				44.9	71.6	55.4							
20:00 to 21:00 Hr				42.8	64.5	48.8							
21:00 to 22:00 Hr			38.5	58.7	43.9								
22:00 to 23:00 Hr			N	33.6	58.5	44.6	40.1	38.8	61.4	52.7	49.9	N	70
23:00 to 24:00 Hr				31.2	52.7	35.6		36.4	58.4	47.2			

3. BOLANGIR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2024

Location : A PALACE LINE	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			47.9	63.5	51.4	59.0	41.8	69.4	53.7	70.1	D	55
19:00 to 20:00 Hr			44.7	100.5	71.9							
20:00 to 21:00 Hr			47.4	73.4	59.1							
21:00 to 22:00 Hr		38.7	75.1	53.6								
22:00 to 23:00 Hr		N	40.3	64.2	44.6	48.5	43.0	93.3	70.6	61.5	N	45
23:00 to 24:00 Hr			36.4	77.4	52.4		40.2	67.6	52.3			

Location : B Near New Bus stand	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			47.0	70.5	58.9	56.6	43.4	87.4	62.0	65.5	D	65
19:00 to 20:00 Hr			47.5	69.7	58.5							
20:00 to 21:00 Hr			40.8	66.2	52.8							
21:00 to 22:00 Hr		41.9	70.7	56.4								
22:00 to 23:00 Hr		N	36.9	62.1	50.2	51.3	42.3	88.9	64.6	60.2	N	55
23:00 to 24:00 Hr			35.0	72.3	52.4		39.8	74.6	55.9			

Location : C Near Bhima Bhoi MCH	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			44.4	64.3	50.6	50.7	46.8	67.0	55.3	59.2	D	50
19:00 to 20:00 Hr			44.4	79.3	53.2							
20:00 to 21:00 Hr			43.2	68.1	51.1							
21:00 to 22:00 Hr		44.1	63.6	48.1								
22:00 to 23:00 Hr		N	42.3	52.2	43.9	44.4	43.1	94.2	65.3	62.8	N	40
23:00 to 24:00 Hr			42.2	64.4	45.0		42.7	86.3	60.3			

Location : D I.E. Growth Phase-II	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			43.4	59.6	47.6	46.0	48.2	78.6	58.9	59.2	D	75
19:00 to 20:00 Hr			42.8	66.0	46.6							
20:00 to 21:00 Hr			39.5	63.0	44.2							
21:00 to 22:00 Hr		32.0	65.1	45.8								
22:00 to 23:00 Hr		N	31.3	69.4	49.6	47.3	37.0	70.0	51.7	53.3	N	70
23:00 to 24:00 Hr			34.7	63.1	45.0		38.4	74.5	54.9			

4. BERHAMPUR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2024

Location : A Brahmanagar	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			58.3	90.5	78.5	77.9	54.3	107.9	83.4	79.0	D	55
19:00 to 20:00 Hr			49.8	80.6	78.6							
20:00 to 21:00 Hr			46.5	70.4	74.2							
21:00 to 22:00 Hr		49.3	82.5	80.2								
22:00 to 23:00 Hr		N	50.4	94.6	77.5	74.8	42.0	98.4	78.0	79.4	N	45
23:00 to 24:00 Hr			40.4	88.4	72.1		45.3	94.4	80.9			

Location : B Girija Market sqr.	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			61.0	93.3	77.3	80.2	62.3	103.2	80.8	81.3	D	65
19:00 to 20:00 Hr			63.0	93.0	79.8							
20:00 to 21:00 Hr			54.9	77.4	84.0							
21:00 to 22:00 Hr		54.7	78.3	79.7								
22:00 to 23:00 Hr		N	59.9	97.4	82.1	76.4	51.7	100.3	90.1	87.2	N	55
23:00 to 24:00 Hr			51.5	91.1	70.7		50.0	94.6	84.3			

Location : C MKCG MCH	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			46.3	91.2	73.2	72.8	50.0	97.9	87.0	79.9	D	50
19:00 to 20:00 Hr			53.3	82.3	68.0							
20:00 to 21:00 Hr			52.8	88.4	75.2							
21:00 to 22:00 Hr		49.1	92.8	74.8								
22:00 to 23:00 Hr		N	54.0	95.3	75.5	71.1	51.1	93.1	77.5	80.7	N	40
23:00 to 24:00 Hr			53.4	108.6	66.7		49.1	85.8	83.9			

Location : D Ankuli I.E.	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			39.2	83.1	67.5	75.3	39.8	90.5	72.2	77.2	D	75
19:00 to 20:00 Hr			44.7	87.9	87.7							
20:00 to 21:00 Hr			44.6	83.5	71.0							
21:00 to 22:00 Hr		38.3	80.3	75.0								
22:00 to 23:00 Hr		N	41.0	89.6	77.2	75.4	46.4	95.7	84.0	80.2	N	70
23:00 to 24:00 Hr			50.7	95.8	73.7		40.7	99.7	76.5			

4. BHUBANESWAR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2024

Location: A Nayapalli	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			40.8	69.4	58.6	53.5	63.3	91.7	67.8	76.1	D	55
19:00 to 20:00 Hr			38.6	76.3	58.9		66.0	92.7	78.6			
20:00 to 21:00 Hr			38.2	71.7	52.7		65.6	80.5	77.8			
21:00 to 22:00 Hr			36.7	54.3	43.9		66.1	99.5	80.0			
22:00 to 23:00 Hr		34.8	63.6	43.6	42.4	66.3	110.5	87.6	80.6	N		
23:00 to 24:00 Hr		29.4	60.3	41.2		66.7	91.3	73.6				

Location: B Sahid Nagar Market area	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			51.3	76.4	63.1	61.5	67.7	98.3	75.3	78.7	D	65
19:00 to 20:00 Hr			50.2	94.8	68.2		68.5	96.3	76.5			
20:00 to 21:00 Hr			41.3	77.6	59.3		69.4	95.5	81.4			
21:00 to 22:00 Hr			37.4	69.1	55.3		65.7	98.9	81.6			
22:00 to 23:00 Hr		30.9	67.1	49.9	48.3	67.2	103.6	82.5	78.5	N		
23:00 to 24:00 Hr		31.8	67.6	46.6		67.9	87.6	74.4				

Location: C Capital Hospital	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			42.4	68.8	54.8	52.8	63.9	72.9	65.3	67.9	D	50
19:00 to 20:00 Hr			41.3	71.0	55.8		65.6	78.2	67.2			
20:00 to 21:00 Hr			31.9	58.4	52.4		66.3	92.1	72.5			
21:00 to 22:00 Hr			34.8	68.4	48.0		65.6	70.5	66.5			
22:00 to 23:00 Hr		29.4	61.1	51.1	48.7	66.5	85.2	68.3	67.7	N		
23:00 to 24:00 Hr		22.5	51.6	46.2		66.2	78.2	67.1				

Location: D Mancheswar I.E.	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			58.4	92.5	75.1	65.7	66.0	95.8	72.7	75.3	D	75
19:00 to 20:00 Hr			55.5	86.7	69.6		66.8	97.7	74.7			
20:00 to 21:00 Hr			36.1	88.2	61.8		66.5	91.2	74.9			
21:00 to 22:00 Hr			32.6	65.9	56.2		67.0	89.5	78.7			
22:00 to 23:00 Hr		30.9	68.9	51.5	49.8	67.3	85.5	73.6	74.7	N		
23:00 to 24:00 Hr		29.8	62.1	48.1		68.5	87.4	75.7				

6. CUTTACK

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2024

Location : A Suryavihar Link Road	Zone		Pre-Deepawali Day (28.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			-	-	-	56.1	43.3	93.5	61.0	64.7	D	55
19:00 to 20:00 Hr			51.0	77.3	59.6		38.1	91.0	64.0			
20:00 to 21:00 Hr			52.9	69.7	54.8		49.8	96.0	68.1			
21:00 to 22:00 Hr		52.7	62.6	54.0	53.7		89.6	65.8				
22:00 to 23:00 Hr		N	42.2	69.1	45.1	51.5	39.3	89.9	61.2	60.1	N	45
23:00 to 24:00 Hr			50.6	83.6	57.9		44.3	85.0	58.9			

Location : B Badambadi Traffic	Zone		Pre-Deepawali Day (28.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			48.7	91.3	69.4	59.1	58.7	95.6	71.8	72.6	D	65
19:00 to 20:00 Hr			39.2	74.9	50.2		62.7	95.7	72.6			
20:00 to 21:00 Hr			51.1	73.0	54.4		60.8	97.4	74.8			
21:00 to 22:00 Hr		54.3	83.7	62.2	61.4		97.0	71.1				
22:00 to 23:00 Hr		N	38.5	72.6	51.7	52.3	54.0	98.3	71.3	67.6	N	55
23:00 to 24:00 Hr			30.5	86.3	52.9		46.2	95.4	63.8			

Location : C SCB MCH	Zone		Pre-Deepawali Day (28.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			34.2	75.2	50.9	55.0	48.8	82.8	62.1	64.2	D	50
19:00 to 20:00 Hr			34.9	89.8	67.5		54.0	93.0	65.2			
20:00 to 21:00 Hr			51.7	73.9	56.0		38.2	96.6	64.4			
21:00 to 22:00 Hr		38.7	80.6	45.6	36.9		95.6	65.2				
22:00 to 23:00 Hr		N	27.4	64.7	43.0	50.5	38.7	83.3	59.7	56.2	N	40
23:00 to 24:00 Hr			54.6	76.2	58.0		40.7	80.6	52.6			

Location : D Khapuria I.E.	Zone		Pre-Deepawali Day (28.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			42.5	83.8	57.9	53.5	46.0	89.2	59.1	64.6	D	75
19:00 to 20:00 Hr			45.8	74.9	54.2		48.2	92.0	63.2			
20:00 to 21:00 Hr			44.4	71.8	54.5		55.3	99.6	68.9			
21:00 to 22:00 Hr		38.2	73.7	47.5	47.8		95.2	67.0				
22:00 to 23:00 Hr		N	43.6	63.7	52.6	54.0	38.8	97.9	66.3	63.4	N	70
23:00 to 24:00 Hr			36.2	85.3	55.3		30.6	81.7	60.5			

7. JHARSUGUDA

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2024

Location : A Cox Colony	Zone	Pre-Deepawali Day (28.10.2024)				Deepawali day (31.10.2024)				Standard		
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			42.62	60.37	48.17	51.5	52.0	88.37	69.15	67.9	D	55
19:00 to 20:00 Hr			40.98	62.17	50.38		50.86	87.7	69.89			
20:00 to 21:00 Hr			41.22	59.12	54.72		56.69	90.57	71.38			
21:00 to 22:00 Hr		40.61	60.48	52.92	37.05		89.8	61.16				
22:00 to 23:00 Hr		N	30.92	51.13	41.32	42.7	58.87	97.5	77.47	73.8	N	45
23:00 to 24:00 Hr			34.34	55.65	44.09	55.13	89.9	70.12				

Location :B Near Jhanda Chowk	Zone	Pre-Deepawali Day (28.10.2024)				Deepawali day (31.10.2024)				Standard		
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			51.82	79.95	59.45	62.2	51.95	93.88	72.43	69.1	D	65
19:00 to 20:00 Hr			53.03	71.03	65.33		35.51	84.74	59.55			
20:00 to 21:00 Hr			54.32	64.25	58.66		50.72	89.91	71.84			
21:00 to 22:00 Hr		52.71	76.95	65.38	59.68		93.81	72.59				
22:00 to 23:00 Hr		N	49.92	64.22	52.88	52.9	53.47	88.88	71.49	69.4	N	55
23:00 to 24:00 Hr			44.26	67.14	53.08	50.63	92.34	67.39				

Location : C Urban PHC Mangalbazar	Zone	Pre-Deepawali Day (28.10.2024)				Deepawali day (31.10.2024)				Standard		
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			39.41	60.72	47.41	49.7	51.72	88.4	69.74	74.1	D	50
19:00 to 20:00 Hr			37.22	58.43	47.78		67.61	97.19	77.17			
20:00 to 21:00 Hr			42.77	66.98	49.74		56.19	92.95	79.14			
21:00 to 22:00 Hr		39.18	68.14	53.8	51.31		95.34	70.23				
22:00 to 23:00 Hr		N	30.03	60.83	39.43	37.9	54.64	88.57	61.12	65.3	N	40
23:00 to 24:00 Hr			29.52	69.57	36.56	49.66	77.42	69.56				

Location : D I.E., Near Bombay Chowk	Zone	Pre-Deepawali Day (28.10.2024)				Deepawali day (31.10.2024)				Standard		
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			52.81	76.51	69.32	68.8	54.97	88.07	70.18	71.2	D	75
19:00 to 20:00 Hr			54.6	72.24	65.88		53.19	81.89	67.69			
20:00 to 21:00 Hr			57.99	78.28	70.17		50.29	91.69	73.89			
21:00 to 22:00 Hr		55.42	76.39	70.0	46.72		93.9	73.07				
22:00 to 23:00 Hr		N	60.66	78.58	68.18	67.9	56.01	95.62	71.75	72.3	N	70
23:00 to 24:00 Hr			47.56	74.96	67.58	53.71	99.45	72.88				

8.KALINGANAGAR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2024

Location : A Sapagadia	Zone		Pre-Deepawali Day (28.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			51.7	96.8	72.9	66.8	48.9	95.8	72.6	70.1	D	55
19:00 to 20:00 Hr			58.2	91.2	68.0		49.3	101.9	75.7			
20:00 to 21:00 Hr			52.3	74.9	58.7		48.3	80.9	63.0			
21:00 to 22:00 Hr		58.5	80.4	67.6	44.0		91.2	69.0				
22:00 to 23:00 Hr		N	44.2	86.0	64.8	60.8	56.9	85.9	66.2	64.3	N	45
23:00 to 24:00 Hr			43.0	80.5	56.7	36.9	81.2	62.3				

Location : B Gopabandhu Chowk	Zone		Pre-Deepawali Day (28.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			67.8	102.3	82.2	77.5	60.6	103.8	78.1	78.8	D	65
19:00 to 20:00 Hr			59.2	96.9	74.6		55.7	100.8	81.3			
20:00 to 21:00 Hr			62.2	99.2	77.5		60.9	94.1	76.7			
21:00 to 22:00 Hr		62.6	97.3	75.6	63.9		103.7	79.1				
22:00 to 23:00 Hr		N	61.0	97.1	74.6	71.8	57.4	99.7	78.5	77.6	N	55
23:00 to 24:00 Hr			56.4	84.9	69.0	46.0	102.2	76.7				

Location : C CHC Jajpur Road	Zone		Pre-Deepawali Day (28.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			49.4	84.5	63.7	63.4	50.5	93.3	67.7	66.4	D	50
19:00 to 20:00 Hr			48.3	72.7	58.2		50.5	82.9	65.4			
20:00 to 21:00 Hr			61.8	74.3	65.5		53.4	88.2	68.8			
21:00 to 22:00 Hr		61.7	75.9	66.2	48.1		83.0	63.8				
22:00 to 23:00 Hr		N	43.5	89.3	62.5	58.3	48.8	83.3	63.6	58.7	N	40
23:00 to 24:00 Hr			44.6	65.8	54.1		42.8	77.5	53.7			

Location : D Kalinganagar Industrial Complex	Zone		Pre-Deepawali Day (28.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			53.1	100.8	71.2	71.0	63.8	103.7	82.7	76.5	D	75
19:00 to 20:00 Hr			53.2	96.3	70.6		64.7	92.3	75.4			
20:00 to 21:00 Hr			35.9	101.4	75.2		58.1	92.6	75.6			
21:00 to 22:00 Hr		55.2	90.4	67.0	58.8		88.9	72.4				
22:00 to 23:00 Hr		N	47.1	100.0	70.9	68.8	59.7	90.1	73.8	72.3	N	70
23:00 to 24:00 Hr			50.7	88.4	66.7		54.3	85.6	70.7			

9.KEONJHAR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2024

Location : A Baniapat	Zone		Pre-Deepawali Day (28.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			55.1	90.7	69.5	68.4	56.4	114.1	84.0	79.6	D	55
19:00 to 20:00 Hr			45.3	85.5	65.3							
20:00 to 21:00 Hr			45.5	87.4	67.4							
21:00 to 22:00 Hr		47.1	94.4	71.5								
22:00 to 23:00 Hr		N	44.7	86.6	67.4	54.2	49.7	85.1	69.3	60.2	N	45
23:00 to 24:00 Hr			37.1	64.6	41.1		36.8	71.0	51.1			

Location :B Punjabi Chowk	Zone		Pre-Deepawali Day (28.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			62.1	99.4	76.1	72.9	58.9	92.0	75.0	80.5	D	65
19:00 to 20:00 Hr			59.9	90.9	71.2							
20:00 to 21:00 Hr			57.0	91.0	71.1							
21:00 to 22:00 Hr		58.7	97.2	73.3								
22:00 to 23:00 Hr		N	59.9	85.8	71.2	67.6	61.5	122.1	96.2	90.3	N	55
23:00 to 24:00 Hr			43.6	79.0	64.1		48.4	115.9	84.5			

Location : C DHH	Zone		Pre-Deepawali Day (28.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			42.9	80.3	65.6	62.4	43.6	80.4	63.5	69.9	D	50
19:00 to 20:00 Hr			42.8	75.4	62.3							
20:00 to 21:00 Hr			38.6	88.5	61.2							
21:00 to 22:00 Hr		37.9	83.5	60.7								
22:00 to 23:00 Hr		N	44.2	82.9	63.1	51.7	50.7	93.2	65.8	62.1	N	40
23:00 to 24:00 Hr			36.8	66.5	40.4		36.7	85.2	58.4			

10. Konark

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2024

Location: B Madhipur	Zone		Pre-Deepawali Day (29.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Residential		L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			47.0	56.3	52.4	49.2	41.6	53.3	49.5	56.3	D	55
19:00 to 20:00 Hr			39.0	48.8	41.3							
20:00 to 21:00 Hr			46.9	86.4	50.9							
21:00 to 22:00 Hr			48.8	54.8	52.3							
22:00 to 23:00 Hr			33.7	64.0	45.7	44.0	40.5	61.3	47.2	46.0	N	45
23:00 to 24:00 Hr			30.7	69.4	42.4		39.6	65.2	44.9			

Location: A NAC Market Complex	Zone		Pre-Deepawali Day (29.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			38.1	75.8	57.2	56.1	47.4	72.8	57.3	63.9	D	65
19:00 to 20:00 Hr			46.6	63.4	53.3							
20:00 to 21:00 Hr			44.8	72.2	55.9							
21:00 to 22:00 Hr			45.0	69.5	57.9							
22:00 to 23:00 Hr			52.4	68.7	53.2	49.8	37.2	80.8	54.7	54.1	N	55
23:00 to 24:00 Hr			41.9	60.4	46.4		36.7	75.5	53.6			

Location: C Primary Health Centre	Zone		Pre-Deepawali Day (29.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			38.7	54.9	43.2	40.7	41.1	52.2	42.3	45.1	D	50
19:00 to 20:00 Hr			38.8	54.1	41.2							
20:00 to 21:00 Hr			39.4	57.5	42.9							
21:00 to 22:00 Hr			30.4	52.7	35.6							
22:00 to 23:00 Hr			36.0	49.9	38.0	35.1	30.1	68.5	35.8	36.3	N	40
23:00 to 24:00 Hr			30.6	47.4	32.2		31.7	49.8	36.9			

11. PARADEEP

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2024

Location : A Madhuban	Zone		Pre-Deepawali Day (25.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			45.2	77.1	63.9	58.9	48.9	99.2	71.9	75.1	D	55
19:00 to 20:00 Hr			46.9	80.5	68.9		52.4	96.8	71.4			
20:00 to 21:00 Hr			40.3	68.7	54.3		53.2	104.9	83.9			
21:00 to 22:00 Hr		39.3	70.1	48.8	48.5		101.1	73.5				
22:00 to 23:00 Hr		N	39.5	76.1	57.4	52.3	48.7	89.5	67.5	61.0	N	45
23:00 to 24:00 Hr			39.0	66.9	47.3		39.9	81.6	54.5			

Location :B Badapadia Market	Zone		Pre-Deepawali Day (25.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			39.1	95.4	75.0	66.3	52.2	89.4	77.7	76.0	D	65
19:00 to 20:00 Hr			46.2	93.6	68.0		57.3	107.8	78.5			
20:00 to 21:00 Hr			47.0	76.6	64.3		58.4	105.3	79.5			
21:00 to 22:00 Hr		47.7	74.5	58.0	55.7		88.8	68.4				
22:00 to 23:00 Hr		N	41.7	78.1	60.7	52.3	56.5	90.6	73.9	63.2	N	55
23:00 to 24:00 Hr			33.1	62.3	43.9		44.5	73.0	52.6			

Location : C CHC, Atharabanki	Zone		Pre-Deepawali Day (25.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			39.9	73.8	62.9	63.2	49.3	93.4	71.7	75.8	D	50
19:00 to 20:00 Hr			48.9	85.1	70.8		51.4	96.5	78.3			
20:00 to 21:00 Hr			40.6	80.8	64.8		50.7	103.6	81.1			
21:00 to 22:00 Hr		44.4	69.3	54.4	49.5		84.8	72.4				
22:00 to 23:00 Hr		N	35.3	68.2	52.1	46.2	39.3	80.1	68.0	62.7	N	40
23:00 to 24:00 Hr			31.9	66.1	40.4		37.1	71.0	57.5			

Location : D IFFCO Premises	Zone		Pre-Deepawali Day (25.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			31.4	97.7	72.5	63.0	47.6	76.0	72.8	70.4	D	50
19:00 to 20:00 Hr			45.2	93.7	70.7		54.5	86.8	72.9			
20:00 to 21:00 Hr			49.4	75.7	54.6		49.9	100.3	71.2			
21:00 to 22:00 Hr		47.6	69.4	54.4	51.1		88.6	64.9				
22:00 to 23:00 Hr		N	39.9	71.6	45.8	46.2	47.1	73.9	59.3	58.0	N	40
23:00 to 24:00 Hr			33.2	62.5	46.7		48.0	78.2	56.7			

12. PURI

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2024

Location: A Kumutisahi, Old Sadarlane		Zone		Pre-Deepawali Day (29.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration		Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr				60.1	74.0	65.6	66.9	64.5	76.6	70.8	75.1	D	55
19:00 to 20:00 Hr				61.3	76.2	67.3		66.5	78.0	73.9			
20:00 to 21:00 Hr				61.5	77.7	67.9		68.2	80.5	77.0			
21:00 to 22:00 Hr			60.7	75.1	66.7	70.5		81.4	78.8				
22:00 to 23:00 Hr			N	59.5	70.3	64.0	64.1	67.1	78.7	75.7	73.9	N	45
23:00 to 24:00 Hr				58.6	68.2	64.2		65.1	75.9	72.2			

Location: B Gundicha Temple		Zone		Pre-Deepawali Day (29.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration		Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr				62.6	89.1	74.8	76.0	70.8	82.5	78.4	81.2	D	65
19:00 to 20:00 Hr				68.5	88.7	77.2		72.2	83.3	79.9			
20:00 to 21:00 Hr				68.9	89.3	78.4		77.8	85.1	82.3			
21:00 to 22:00 Hr			63.7	87.2	73.7	78.1		89.1	84.1				
22:00 to 23:00 Hr			N	61.7	86.7	72.3	70.8	72.8	84.3	80.5	75.8	N	55
23:00 to 24:00 Hr				60.5	78.2	69.3		68.1	76.6	71.2			

Location: C DHQ Hospital		Zone		Pre-Deepawali Day (29.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration		Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr				56.3	64.0	59.7	57.7	63.4	75.9	69.5	70.8	D	50
19:00 to 20:00 Hr				55.8	61.9	57.3		66.2	76.1	71.3			
20:00 to 21:00 Hr				56.3	71.4	58.5		65.9	74.2	71.8			
21:00 to 22:00 Hr			52.7	60.8	55.3	64.0		73.8	70.5				
22:00 to 23:00 Hr			N	51.2	59.7	54.0	53.8	62.5	71.1	66.3	65.7	N	40
23:00 to 24:00 Hr				50.6	56.5	53.7		61.9	70.5	65.1			

13.RAYAGADA

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2024

Location : A Indira Nagar	Zone	Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard		
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			34.6	81.3	63.2	63.7	39.9	98.1	66.1	69.9	D	55
19:00 to 20:00 Hr			43.6	88.9	63.2		44.7	95.3	70.5			
20:00 to 21:00 Hr			44.8	90.8	64.7		48.2	96.1	75.3			
21:00 to 22:00 Hr		38.9	85.6	63.5	39.5		99.5	67.8				
22:00 to 23:00 Hr		N	47.5	62.3	50.9	55.7	39.5	81.2	64.9	57.9	N	45
23:00 to 24:00 Hr			27.3	85.7	60.5		27.7	77.7	50.9			

Location : B Main Market	Zone	Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard		
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			46.2	88.8	63.9	65.9	41.8	93.4	68.9	66.1	D	65
19:00 to 20:00 Hr			37.8	81.6	65.7		36.5	91.3	65.4			
20:00 to 21:00 Hr			52.2	89.5	68.6		40.2	102.3	70.5			
21:00 to 22:00 Hr		47.7	85.8	65.5	37.8		89.0	59.4				
22:00 to 23:00 Hr		N	30.7	88.0	61.4	56.2	38.6	75.9	54.3	58.9	N	55
23:00 to 24:00 Hr			45.2	66.9	51.0		33.8	85.5	63.5			

Location : C DHH	Zone	Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard		
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			45.4	79.0	59.2	60.2	45.3	73.0	56.5	61.7	D	50
19:00 to 20:00 Hr			43.8	83.5	62.8		45.5	84.1	62.2			
20:00 to 21:00 Hr			45.6	75.9	60.5		44.4	88.5	66.3			
21:00 to 22:00 Hr		45.0	83.7	58.4	38.7		87.2	61.8				
22:00 to 23:00 Hr		N	42.3	77.2	55.4	53.6	45.2	88.9	60.6	54.6	N	40
23:00 to 24:00 Hr			23.7	68.9	51.7		43.5	62.9	48.5			

Location : D I.E., Near JESCO	Zone	Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard		
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			45.4	96.6	66.2	63.3	37.4	82.9	65.2	64.3	D	75
19:00 to 20:00 Hr			45.1	88.8	61.8		35.9	86.4	61.4			
20:00 to 21:00 Hr			38.9	95.2	63.1		39.9	81.8	66.0			
21:00 to 22:00 Hr		36.9	88.3	62.1	43.3		81.1	64.5				
22:00 to 23:00 Hr		N	33.2	82.4	64.8	57.7	35.5	82.5	59.0	60.3	N	70
23:00 to 24:00 Hr			25.2	67.3	50.5		31.8	79.5	61.6			

14.ROURKELA

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2024

Location :A Civil Township / Chhend	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			35.1	71.8	50.5	51.8	27.8	90.5	64.6	64.9	D	55
19:00 to 20:00 Hr			33.5	67.2	47.4		34.6	83.3	64.5			
20:00 to 21:00 Hr			35.6	69.1	49.9		47.0	79.9	65.9			
21:00 to 22:00 Hr		35.3	87.1	59.5	46.8		91.2	64.7				
22:00 to 23:00 Hr		N	32.4	65.1	46.7	46.8	41.2	97.2	67.6	69.1	N	45
23:00 to 24:00 Hr	35.3		65.8	47.0	40.6	96.7	70.6					

Location : B Panposh	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			48.2	77.3	60.9	60.1	47.3	81.2	62.7	62.5	D	65
19:00 to 20:00 Hr			46.8	87.6	63.4		46.2	78.0	63.1			
20:00 to 21:00 Hr			42.1	75.6	57.7		49.1	75.1	64.0			
21:00 to 22:00 Hr		44.7	79.1	58.5	36.1		77.5	60.4				
22:00 to 23:00 Hr		N	45.0	77.4	57.8	57.1	38.3	80.6	60.4	57.6	N	55
23:00 to 24:00 Hr	43.5		80.9	56.5	41.1	77.6	54.8					

Location : C Civil & Session Court, Uditnagar	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			34.7	76.4	54.5	52.5	38.4	78.3	54.2	56.0	D	50
19:00 to 20:00 Hr			41.6	62.5	56.0		36.1	76.5	51.8			
20:00 to 21:00 Hr			43.0	61.1	52.9		39.3	88.9	58.7			
21:00 to 22:00 Hr		18.0	74.5	46.9	38.8		89.5	59.6				
22:00 to 23:00 Hr		N	37.5	72.6	52.9	51.9	44.0	98.0	72.5	73.0	N	40
23:00 to 24:00 Hr	37.7		70.6	51.0	43.6	97.0	73.6					

Location : D Industrial Estate, Kalunga	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			34.5	89.1	60.2	59.6	59.6	82.1	64.7	66.1	D	75
19:00 to 20:00 Hr			34.8	84.8	61.2		59.1	89.4	69.0			
20:00 to 21:00 Hr			36.3	84.4	60.7		60.7	83.2	67.2			
21:00 to 22:00 Hr		51.1	59.7	56.3	52.4		82.6	63.3				
22:00 to 23:00 Hr		N	52.7	74.1	56.6	56.4	43.4	76.9	60.0	65.5	N	70
23:00 to 24:00 Hr	51.8		69.7	56.3	47.1	92.4	71.1					

15.SAMBALPUR

NOISE LEVEL DURING DEEPAWALI FESTIVAL, 2024

Location : A Ainthapalli	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Residential	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			45.1	62.9	49.2	51.2	51.5	82.0	62.4	67.5	D	55
19:00 to 20:00 Hr			46.3	63.0	52.2		47.7	80.3	62.5			
20:00 to 21:00 Hr			45.5	63.9	52.4		50.0	106.3	76.5			
21:00 to 22:00 Hr		45.1	60.7	51.0	49.8		96.2	68.9				
22:00 to 23:00 Hr		N	41.5	67.6	53.1	51.3	46.2	108.9	77.8	73.5	N	45
23:00 to 24:00 Hr	44.0		78.9	49.6	45.5	93.5	69.3					

Location : B Goal Bazar Chowk	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Commercial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			54.1	84.0	68.9	68.6	49.6	102.5	74.5	74.9	D	65
19:00 to 20:00 Hr			54.2	97.5	70.9		53.5	94.4	73.0			
20:00 to 21:00 Hr			52.1	95.1	70.2		54.9	104.1	75.4			
21:00 to 22:00 Hr		52.6	83.3	64.4	52.4		98.7	76.8				
22:00 to 23:00 Hr		N	54.0	82.1	64.4	62.6	50.2	98.7	74.3	73.3	N	55
23:00 to 24:00 Hr	43.4		78.6	60.9	43.4	101.4	72.3					

Location : C DHH, Modipara	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Silence	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			37.6	64.5	45.1	47.0	37.9	87.6	57.3	67.6	D	50
19:00 to 20:00 Hr			36.9	67.3	49.5		44.3	89.7	63.9			
20:00 to 21:00 Hr			38.2	58.5	45.7		46.3	96.0	78.6			
21:00 to 22:00 Hr		39.6	63.1	47.9	46.8		95.5	70.8				
22:00 to 23:00 Hr		N	38.5	71.5	51.1	46.9	45.4	96.1	69.4	65.5	N	40
23:00 to 24:00 Hr	36.7		69.1	42.8	41.7	89.7	61.6					

Location : D I.E., Bareipali	Zone		Pre-Deepawali Day (24.10.2024)				Deepawali day (31.10.2024)				Standard	
Time duration	Industrial	D	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	L _{min}	L _{max}	Leq dB(A)	Avg Leq dB(A)	Leq dB(A)	
18:00 to 19:00 Hr			41.9	74.7	52.8	51.0	65.5	103.2	82.7	79.6	D	75
19:00 to 20:00 Hr			42.9	73.7	54.1		52.5	99.2	86.3			
20:00 to 21:00 Hr			40.7	62.5	50.8		49.6	100.1	74.8			
21:00 to 22:00 Hr		39.9	56.3	46.4	45.7		101.0	74.7				
22:00 to 23:00 Hr		N	44.8	76.9	54.4	54.0	40.9	93.2	68.8	65.8	N	70
23:00 to 24:00 Hr	40.6		81.9	53.7	38.5	85.7	62.9					

N.B:-D-Day Time (6PM to 10PM), N-Night Time (10PM to 12.00AM)as per CPCB Noise monitoring Field Protocol

Noise level in dB(A) Leq at different location of Odisha in Pre and During Deepawali during the year 2024

Sl.No.	Towns/Cities	Monitoring Locations	Pre-Deepawali Day (24.10.2024)		On the day of Deepawali (31.10.2024)	
			D	N	D	N
1	Angul	1.Amalapada(R)	65.2	59.3	75.1	60.4
		2.Main Bazar chhak(C)	70.8	57.3	77.9	66.6
		3.District Head Quarter Hospital(S)	65.5	52.6	62.4	51.4
		4.I.E., Hakimpada (I)	59.0	54.2	63.9	56.8
2	Balasore	5.Sahadevkhunta(R)	50.9	46.5	63.4	54.6
		6.Motiganj Bazar(C)	50.3	43.5	63.7	57.6
		7.District Head Quarter Hospital(S)	51.6	39.9	54.4	45.8
		8.Balasore I.E. (I)	49.9	40.1	54.9	49.9
3	Bolangir	9.Palace line (R)	59.0	48.5	70.1	61.5
		10.Near New Busstand(C)	56.6	51.3	65.5	60.2
		11.Near Bhima Bhoi MCH (S)	50.7	44.4	59.2	62.8
		12.I .E. Growth Phase-II (I)	46.0	47.3	59.2	53.3
4	Berhampur	13.Brahmanagar(R)	77.9	74.8	79.0	79.4
		14.Girija market square(C)	80.2	76.4	81.3	87.2
		15.MKCG MCH (S)	72.8	71.1	79.9	80.7
		16.Ankuli(I)	75.3	75.4	77.2	80.2
5	Bhubaneswar	17.Nayapalli(R)	53.5	42.4	76.1	80.6
		18.Sahidnagar Market area(C)	61.5	48.3	78.7	78.5
		19.Capital Hospital(S)	52.8	48.7	67.9	67.7
		20.Rasulgarh,I.E(I)	65.7	49.8	75.3	74.7
6	Cuttack	21.Suryavihar(R)	56.1	51.5	64.7	60.1
		22.Badambadi(C)	59.1	52.3	72.6	67.6
		23.SCB MCH (S)	55.0	50.5	64.2	56.2
		24.I.E., Khapuria(I)	53.5	54.0	64.6	63.4
7	Jharsuguda	25.Cox colony(R)	51.5	42.7	67.9	73.8
		26.Jhanda Chowk(C)	62.2	52.9	69.1	69.4
		27.Urban PHC ,Mangalbazar(S)	49.7	37.9	74.1	65.3
		28.I.E., Bombay Chowk (I)	68.8	67.9	71.2	72.3
8	Kalinganagar	29.Sapagadia(R)	66.8	60.8	70.1	64.3
		30.Gopabandhu Chowk(C)	44.5	71.8	78.8	77.6
		31.CHC Hospital(S)	63.4	58.3	66.4	58.7
		32.Kalinga nagar industrial complex (I)	71.0	68.8	76.5	72.3
9	Keonjhar	33.Baniapat (R)	68.4	54.2	79.6	60.2
		34.Punjabi Chowk(C)	72.9	67.6	80.5	90.3
		35.DHH Hospital(S)	62.4	51.7	69.9	62.1
10	Konark	36.Madhipur(R)	49.2	44.0	56.3	46.0
		37.NAC Market(C)	56.1	49.8	63.9	54.1
		38.Public Health Centre(S)	40.7	35.1	45.1	36.3
11	Paradeep	39.Madhuban(R)	58.9	52.3	75.1	61.0
		40.Badapadia Market(C)	66.3	52.3	76.0	63.2
		41.Atharabanki Medical(S)	63.2	46.2	75.8	62.7
		42.Premises of IFFCO Ltd(I)	63.0	46.2	70.4	58.0
12	Puri	43.Kumutisahi, Old Sadar lane(R)	66.9	64.1	75.1	73.9
		44.Near Gundicha Mandir(Bus stand) (C)	76.0	70.8	81.2	75.8
		45.DHH(S)	57.7	53.8	70.8	65.7
13	Rayagada	46.Indiranagar(R)	63.7	55.7	69.9	57.9
		47.Main market(C)	65.9	56.2	66.1	58.9
		48.District Headquarter Hospital(S)	60.2	53.6	61.7	54.6
		49.I.E, Jesco(I)	63.3	57.7	64.3	60.3
14	Rourkela	50.Civil Township chhend (R)	51.8	46.8	64.9	69.1
		51.Panposh(C)	60.1	57.1	62.5	57.6
		52. Civil & Session CourtUditnagar (S)	52.5	51.9	56.0	73.0
		53. Industrial Estate, Kalunga (I)	59.6	56.4	66.1	65.5
15	Sambalpur	54.Ainthapali(R)	51.2	51.3	67.5	73.5
		55.Golebazar(C)	68.6	62.6	74.9	73.3
		56.DHH(S)	47.0	46.9	67.6	65.5
		57.I.E., Bareipali(I)	51.0	54.0	79.6	65.8

Ambient Noise Standard(In Leq dB(A))

Category of area zone	Day Time	Night Time
Industrial area(I)	75	70
Commercial area(C)	65	55
Residential area(R)	55	45
Silence area(S)	50	40

AMBIENT AIR QUALITY STATUS OF MAJOR CITIES/TOWNS IN PRE & ON THE DAY OF DEEPAWALI FESTIVAL, 2024

Sl. No.	Towns/cities	Monitoring Locations	Parameter Monitored							
			SO ₂		NO ₂		PM ₁₀		PM _{2.5}	
			Values are expressed in microgram per cubic meter							
			PRE	DURI NG	PRE	DURI NG	PRE	DURI NG	PRE	DURI NG
1	Angul	1. SPCB Office Building	8.4	17.6	11.7	32.4	82	228	25	117
		2. Nalco Township	7.6	20.8	15.7	28.5	68	170	26	87
		3.Sikhyakapada	8.8	17.8	24.9	33.1	73	170	29	85
2	Balasore	4.Ganeswarpur	BDL	5.9	10.2	10.9	66	126	26	56
		5.Oriplast premises, OT Road	BDL	5.6	9.6	10.6	55	103	23	52
		6.Rasalpur Industrial Estate	5.2	7.6	10.8	11.4	69	124	26	61
3	Bhadrak	7. Municipality Office	BDL	6.6	10.2	11.5	69	110	23	54
		8.DP Officers' Club (FACOR)	BDL	6.6	9.9	11.2	66	109	27	50
4	Berhampur	9.Brahmanagar	BDL	21.7	15.7	30.7	44	159	24	98
5	Bhubaneswar	10. SPCB Office Building	BDL	16.6	14.1	22.8	42	171	20	104
		11.IRC Village, Nayapalli	BDL	11.9	11.2	19.9	23	164	13	99
		12.Capital P.S.	BDL	16.3	12.1	18.6	29	162	18	90
		13.Khandagiri P.S.	BDL	BDL	11.2	22.5	36	198	28	89
		14.Chandrasekharpur(SPCB Central laboratory)	BDL	9.2	11.3	23.3	26	106	12	74
15.Palasuni water works	BDL	13.8	11.6	20.3	32	201	17	94		
6	Bonaigarh	16.Govt. Hospital	14.1	22.6	18.1	25.0	95	178	41	89
7	Cuttack	17. SPCB Office Building,Suryavihar	BDL	13.3	19.0	23.5	56	119	27	73
		18.PHD office, Barabati	4.1	8.6	14.1	25.4	51	136	21	68
		19.Hotel Bishal-inn, Badambadi	BDL	13.6	15.0	26.0	45	123	21	74
8	Jharsuguda	20. SPCB OfficeBuilding, Cox Colony, Babubagicha	8.9	34.3	13.4	29.7	79	181	34	90
		21. TRL colony	7.7	20.2	13.7	22.3	84	159	40	89
9	Kalinganagar	22. SPCB Office Building	7.3	8.1	13.0	15.0	60	124	59	71
		23. DET Hostel	9.9	13.2	19.2	21.4	85	101	92	53
		24.BRPL Guest House,Duburi	9.0	32.3	12.0	13.3	113	140	76	85
10	Keonjhar	25. SPCB Office Building	BDL	7.8	10.7	21.5	50	132	28	82
11	Konark	26. Police Station	BDL	4.1	12.1	15.3	23	132	13	57
		27.Jagannath Temple	BDL	6.0	10.5	11.6	26	118	14	51
		28.RWSS Building	BDL	BDL	10.6	11.5	36	110	15	46
12	Koraput	29. SPCB Office Building	BDL	4.4	9.6	10.2	43	97	23	39
13	Paradeep	30. STP Building (IFFCO)	16.5	20.0	9.9	18.1	49	117	20	71
		31. PPL Guest House	15.6	21.4	9.9	19.2	44	122	16	68
		32. PPT Staff Quarters	9.6	21.3	9.2	17.4	37	130	18	82
14	Puri	33.Town P.S.	BDL	BDL	9.6	16.9	60	137	12	66
		34.Sadar P.S.	BDL	BDL	9.8	18.5	63	142	13	58
		35. Biraramchandrapur, Sakhigopal	BDL	BDL	11.4	14.5	32	88	19	42
15	Rayagada	36. SPCB Office Building, Indira Nagar	6.9	13.9	22.1	36.1	58	168	25	87
16	Rajgangpur	37.DISIR Premises	10.1	26.6	13.9	26.6	88	203	38	81
17	Rourkela	38. SPCB Office Building	15.5	23.8	18.1	26.1	39	188	14	88
		39.IDL Police Outpost	13.0	21.3	15.0	24.2	108	124	49	76
		40.IDC Kalunga	9.5	13.8	10.4	22.1	69	260	29	118
		41.Kuanarmunda	11.6	13.3	12.5	14.4	100	274	18	93
18	Sambalpur	42.Modipara	6.0	25.7	23.8	41.5	84	267	37	104
19	Talcher	43.Talcher Thermal	8.9	17.6	25.8	32.8	73	170	32	76
		44. MCL area, Talcher	8.5	18.8	26.8	33.2	85	178	38	111
		45. Champapasi village	9.8	17.4	19.6	32.6	63	163	26	73
Standard on 24hrly avg. Basis			80		80		100		60	

N.B-BDL-Below Detection Limit, BDL value for SO₂ ≤4 µg/m³, NM-Not Monitored

Continuous Ambient Air Monitoring Data from 24.10.2024- 07.11.2024 of different towns/ cities On the eve of Deepawali,2024.

Table-(i)

Name of the Monitoring Station:- Angul						Metals in PM ₁₀		Metals in PM _{2.5}	AQI w. r. t Prominent Pollutant	Categorization
Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)		
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	8.4	11.7	82	25	0.11	1.0	2.64	82(PM ₁₀)	Satisfactory
2.	25.10.2024	5.4	13.4	55	21	0.11	17.9	3.55	55(PM ₁₀)	Satisfactory
3.	26.10.2024	8.4	10.6	65	36	0.10	6.8	2.72	65(PM ₁₀)	Satisfactory
4.	27.10.2024	9.2	10.7	73	27	0.09	17.0	2.28	73(PM ₁₀)	Satisfactory
5.	28.10.2024	9.7	22.5	85	43	0.11	3.5	2.05	85(PM ₁₀)	Satisfactory
6.	29.10.2024	9.7	26.7	81	39	0.12	9.7	1.84	81(PM ₁₀)	Satisfactory
7.	30.10.2024	13.0	26.3	127	75	0.27	14.1	1.6	150(PM _{2.5})	Moderate
8.	31.10.2024	17.6	32.4	228	117	0.45	18.6	2.79	290(PM _{2.5})	Poor
9.	01.11.2024	12.3	14.6	170	81	0.13	11.3	1.47	170(PM _{2.5})	Moderate
10.	02.11.2024	9.7	12.3	165	78	0.14	16.3	0.97	160(PM _{2.5})	Moderate
11.	03.11.2024	13.6	22.5	130	73	0.12	9.0	1.38	143(PM _{2.5})	Moderate
12.	04.11.2024	11.7	26.8	180	89	0.12	7.3	0.94	197(PM _{2.5})	Moderate
13.	05.11.2024	8.3	10.5	153	68	0.12	18.6	1.17	135(PM ₁₀)	Moderate
14.	06.11.2024	14.7	27.5	116	67	0.12	5.6	0.95	123(PM _{2.5})	Moderate
15.	07.11.2024	10.1	27.0	150	81	0.12	11.2	1.92	170(PM _{2.5})	Moderate

Table-(ii)

Name of the Monitoring Station:- Berhampur							Metals in PM ₁₀	Metals in PM _{2.5}	AQI w. r. t Prominent Pollutant	Categorization
Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)		
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	BDL	15.7	44	24	0.11	09.2	01.71	44(PM ₁₀)	Good
2.	25.10.2024	4.7	17.0	54	27	0.13	08.6	01.4	54(PM ₁₀)	Satisfactory
3.	26.10.2024	4.1	17.0	66	34	0.13	06.8	01.24	66(PM ₁₀)	Satisfactory
4.	27.10.2024	4.7	17.1	59	30	0.14	19.5	01.89	59(PM ₁₀)	Satisfactory
5.	28.10.2024	5.8	18.6	70	42	0.15	16.5	01.00	70 Both (PM ₁₀ & PM _{2.5})	Satisfactory
6.	29.10.2024	5.6	18.8	86	48	0.2	14.4	01.22	86(PM ₁₀)	Satisfactory
7.	30.10.2024	7.2	19.7	104	67	0.28	17.8	01.8	123(PM _{2.5})	Moderate
8.	31.10.2024	21.7	30.7	159	98	0.56	16.7	0.77	227(PM _{2.5})	Poor
9.	01.11.2024	12.7	26.0	134	69	0.27	16.2	02.95	130(PM _{2.5})	Moderate
10.	02.11.2024	5.8	17.7	113	58	0.28	18.1	01.17	109(PM ₁₀)	Moderate
11.	03.11.2024	4.6	15.8	97	51	0.2	17.5	0.79	97(PM ₁₀)	Satisfactory
12.	04.11.2024	5.5	16.9	103	67	0.49	18.8	01.08	123(PM _{2.5})	Moderate
13.	05.11.2024	4.5	16.6	93	48	0.25	16.4	01.23	93(PM ₁₀)	Satisfactory
14.	06.11.2024	4.5	15.6	101	71	0.25	18.5	01.02	137(PM _{2.5})	Moderate
15.	07.11.2024	4.3	17.0	80	58	0.23	18.4	01.03	97(PM _{2.5})	Satisfactory

Table-(iii)

Name of the Monitoring Station:-Balasore						Metals in PM ₁₀		Metals in PM _{2.5}	AQI w. r. t Prominent Pollutant	Categorization
Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)		
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	-	-	-	-	-	-	-	-	-
2.	25.10.2024	-	-	-	-	-	-	-	-	-
3.	26.10.2024	BDL	10.2	66	26	0.10	13.6	1.21	66(PM ₁₀)	Satisfactory
4.	27.10.2024	5.9	10.9	86	35	0.11	3.80	1.14	86(PM ₁₀)	Satisfactory
5.	28.10.2024	6.2	11.1	100	43	0.16	15.20	0.86	100(PM ₁₀)	Satisfactory
6.	29.10.2024	5.8	10.7	111	39	0.12	11.20	1.16	107(PM ₁₀)	Moderate
7.	30.10.2024	5.6	10.7	85	32	0.09	1.50	0.86	85(PM ₁₀)	Satisfactory
8.	31.10.2024	8.5	10.8	126	56	0.17	14.20	0.68	117(PM ₁₀)	Moderate
9.	01.11.2024	6.7	11.0	123	56	0.16	19.60	0.78	115(PM ₁₀)	Moderate
10.	02.11.2024	6.2	11.3	123	64	0.11	14.80	1.07	115(PM ₁₀)	Moderate
11.	03.11.2024	5.8	11.2	118	56	0.20	15.5	0.75	112(PM ₁₀)	Moderate
12.	04.11.2024	6.9	11.4	125	65	0.12	7.00	1.13	117 Both (PM ₁₀ &PM _{2.5})	Moderate
13.	05.11.2024	6.5	10.8	113	70	0.27	10.8	0.94	133(PM _{2.5})	Moderate
14.	06.11.2024	5.7	10.9	91	54	0.33	13.6	0.76	91(PM ₁₀)	Satisfactory
15.	07.11.2024	5.7	11.1	117	69	0.20	4.80	0.90	130(PM _{2.5})	Moderate

Table-(iv)

Name of the Monitoring Station:- (i)Office Building, Bhubaneswar						Metals in PM ₁₀		Metals in PM _{2.5}	AQI w. r. t Prominent Pollutant	Categorization
Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)		
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	BDL	14.1	42	20	0.07	8.3	0.99	42(PM ₁₀)	Good
2.	25.10.2024	BDL	13.8	59	23	0.02	3.5	0.31	59(PM ₁₀)	Satisfactory
3.	26.10.2024	BDL	11.8	85	37	0.08	12.5	0.92	85(PM ₁₀)	Satisfactory
4.	27.10.2024	BDL	14.9	103	41	0.01	4.6	1.19	102(PM ₁₀)	Moderate
5.	28.10.2024	BDL	15.2	120	45	0.01	5.9	0.64	113(PM ₁₀)	Moderate
6.	29.10.2024	BDL	15.0	75	21	0.02	12.8	1.04	75(PM ₁₀)	Satisfactory
7.	30.10.2024	BDL	15.8	61	32	0.03	6.8	0.62	61(PM ₁₀)	Satisfactory
8.	31.10.2024	16.6	22.8	171	104	0.16	10.4	0.87	247(PM _{2.5})	Poor
9.	01.11.2024	6.8	14.0	276	152	0.40	9.00	0.57	325(PM _{2.5})	Very Poor
10.	02.11.2024	12.9	16.7	98	59	0.13	5.8	1.01	98 Both (PM ₁₀ &PM _{2.5})	Satisfactory
11.	03.11.2024	4.4	18.2	99	38	0.01	6.9	0.44	99(PM ₁₀)	Satisfactory
12.	04.11.2024	6.2	21.7	114	53	0.01	5.2	1.08	109(PM ₁₀)	Moderate
13.	05.11.2024	BDL	15.8	97	62	0.02	0.5	0.37	107(PM _{2.5})	Moderate
14.	06.11.2024	5.6	14.0	123	43	0.02	8.6	0.86	115(PM ₁₀)	Moderate
15.	07.11.2024	BDL	18.0	75	35	0.02	1.5	0.35	75(PM ₁₀)	Satisfactory

Table-(v)

Name of the Monitoring Station:- (i)Chandrasekharpur (Central Laboratory)						Metals in PM ₁₀		Metals in PM _{2.5}	AQI w. r. t Prominent Pollutant	Categorization
Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)		
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	BDL	13.3	26	12	0.1	0.5	1.05	26(PM ₁₀)	Good
2.	25.10.2024	BDL	12.7	60	23	0.04	4.1	1.03	60(PM ₁₀)	Satisfactory
3.	26.10.2024	BDL	13.3	66	27	0.03	8.0	1.02	66(PM ₁₀)	Satisfactory
4.	27.10.2024	BDL	15.1	84	40	0.02	2.6	1.69	84(PM ₁₀)	Satisfactory
5.	28.10.2024	BDL	14.8	59	34	0.04	6.0	1.07	59(PM ₁₀)	Satisfactory
6.	29.10.2024	BDL	15.1	49	27	0.02	8.0	1.11	49(PM ₁₀)	Satisfactory
7.	30.10.2024	BDL	16.8	47	29	0.23	5.8	1.57	47(PM ₁₀)	Satisfactory
8.	31.10.2024	9.2	23.3	106	74	0.78	8.2	1.56	147(PM _{2.5})	Moderate
9.	01.11.2024	15.3	20.7	122	79	0.21	3.3	1.18	163(PM _{2.5})	Moderate
10.	02.11.2024	8.4	15.1	91	70	0.02	3.1	1.72	133(PM _{2.5})	Moderate
11.	03.11.2024	7.3	18.6	99	74	0.05	12.3	1.72	147(PM _{2.5})	Moderate
12.	04.11.2024	BDL	15.6	114	66	0.02	2.0	0.64	120(PM _{2.5})	Moderate
13.	05.11.2024	BDL	23.5	125	59	0.01	2.1	1.15	117(PM ₁₀)	Moderate
14.	06.11.2024	BDL	14.5	102	65	0.01	11.2	0.31	117(PM _{2.5})	Moderate
15.	07.11.2024	BDL	15.2	111	40	0.02	3.4	1.39	107(PM ₁₀)	Moderate

Table-(vi)

Name of the Monitoring Station:- Cuttack						Metals in PM ₁₀		Metals in PM _{2.5}	AQI w. r. t Prominent Pollutant	Categorization
Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)		
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	BDL	19.0	56	27	0.2	19.6	1.03	56(PM ₁₀)	Satisfactory
2.	25.10.2024	BDL	21.6	63	21	0.22	13.8	0.99	63 (PM ₁₀)	Satisfactory
3.	26.10.2024	4.9	20.2	54	38	0.21	18.7	0.98	54(PM ₁₀)	Satisfactory
4.	27.10.2024	4.7	21.4	68	42	0.25	17.7	0.75	68(PM ₁₀)	Satisfactory
5.	28.10.2024	4.9	21.8	91	38	0.19	7.7	1.43	91(PM ₁₀)	Satisfactory
6.	29.10.2024	6.6	21.5	82	43	0.15	11.4	1.18	82(PM ₁₀)	Satisfactory
7.	30.10.2024	5.5	19.2	83	64	0.15	19.4	1.11	113(PM _{2.5})	Moderate
8.	31.10.2024	13.3	23.5	119	73	0.96	18.1	1.14	143(PM _{2.5})	Moderate
9.	01.11.2024	11.4	25.3	110	65	0.24	19.3	0.95	117(PM _{2.5})	Moderate
10.	02.11.2024	6.3	21.0	101	53	0.34	18.7	0.87	101(PM ₁₀)	Moderate
11.	03.11.2024	5.2	22.3	106	57	0.23	15.0	1.07	104(PM ₁₀)	Moderate
12.	04.11.2024	7.0	20.2	115	59	0.22	15.9	0.67	110(PM ₁₀)	Moderate
13.	05.11.2024	5.4	21.2	111	56	0.21	18.5	0.8	107(PM ₁₀)	Moderate
14.	06.11.2024	6.4	23.7	117	59	0.17	10.4	0.77	111(PM ₁₀)	Moderate
15.	07.11.2024	5.8	21.9	114	54	0.22	15.3	0.75	109(PM ₁₀)	Moderate

P.T.O**Table-(vii)**

Name of the Monitoring Station:-Jharsuguda						Metals in PM ₁₀		Metals in PM _{2.5}	AQI w. r. t Prominent Pollutant	Categorization
Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)		
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	09.0	13.4	79	34	0.59	3.4	1.66	79(PM ₁₀)	Satisfactory
2.	25.10.2024	09.2	13.4	77	34	0.12	2.7	1.06	77(PM ₁₀)	Satisfactory
3.	26.10.2024	08.9	13.3	98	38	0.12	7.4	1.09	98(PM ₁₀)	Satisfactory
4.	27.10.2024	08.7	13.5	75	30	0.12	10.7	1.19	75(PM ₁₀)	Satisfactory
5.	28.10.2024	09.4	13.2	103	55	0.11	10.5	1.08	102(PM ₁₀)	Moderate
6.	29.10.2024	09.3	13.4	116	64	0.13	3.7	1.37	113(PM _{2.5})	Moderate
7.	30.10.2024	11.9	14.6	129	72	0.15	2.1	1.51	140(PM _{2.5})	Moderate
8.	31.10.2024	34.3	29.7	181	90	0.34	13.0	1.9	200(PM _{2.5})	Moderate
9.	01.11.2024	30.0	27.6	172	85	0.28	3.0	1.03	183(PM _{2.5})	Moderate
10.	02.11.2024	19.7	22.2	118	68	0.28	6.1	1.38	127(PM _{2.5})	Moderate
11.	03.11.2024	10.5	14.8	133	72	0.19	2.1	1.8	140(PM _{2.5})	Moderate
12.	04.11.2024	10.7	14.3	135	68	0.34	2.7	0.34	127(PM _{2.5})	Moderate
13.	05.11.2024	10.3	14.7	132	64	0.17	8.3	1.39	121(PM ₁₀)	Moderate
14.	06.11.2024	09.8	13.7	128	69	0.15	6.8	1.28	130(PM _{2.5})	Moderate
15.	07.11.2024	10.2	13.9	129	68	0.18	8.7	0.67	127(PM _{2.5})	Moderate

Table-(viii)

Name of the Monitoring Station:-Kalinganagar						Metals in PM ₁₀		Metals in PM _{2.5}	AQI w. r. t Prominent Pollutant	Categorization
Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)		
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	-	-	-	-	-	-	-		
2.	25.10.2024	-	-	-	-	-	-	-		
3.	26.10.2024	-	-	-	-	-	-	-		
4.	27.10.2024	7.3	13.0	60	59	0	5.2	6.33	98(PM _{2.5})	Satisfactory
5.	28.10.2024	8.1	16.9	89	-	0	9.2	9.76	89(PM ₁₀)	Satisfactory
6.	29.10.2024	8.0	15.1	75	61	0	2.5	13.43	98(PM _{2.5})	Satisfactory
7.	30.10.2024	6.7	13.5	63	55	0.01	3.0	9.92	63(PM ₁₀)	Satisfactory
8.	31.10.2024	11.5	15.7	131	81	0.72	14.8	18.89	170(PM _{2.5})	Moderate
9.	01.11.2024	8.2	15.3	82	72	0.12	9.9	19.47	140(PM _{2.5})	Moderate
10.	02.11.2024	7.4	14.6	100	42	0.01	9.3	03.31	100(PM ₁₀)	Satisfactory
11.	03.11.2024	7.7	15.5	95	64	0.01	3.9	01.59	113(PM _{2.5})	Moderate
12.	04.11.2024	10.2	18.3	115	58	0.01	4.7	07.69	110(PM ₁₀)	Moderate
13.	05.11.2024	8.3	14.5	157	91	0	13.6	08.33	203(PM _{2.5})	Poor
14.	06.11.2024	7.8	16.4	151	94	0.01	4.6	8.0	213(PM _{2.5})	Poor
15.	07.11.2024	8.1	15.0	124	71	0.01	16.2	4.55	137(PM _{2.5})	Moderate

P.T.O

Table-(ix)

Name of the Monitoring Station:-Keonjhar						Metals in PM ₁₀		Metals in PM _{2.5}	AQI w. r. t Prominent Pollutant	Categorization
Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)		
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	-	-	-	-					
2.	25.10.2024	-	-	-	-					
3.	26.10.2024	-	-	-	-					
4.	27.10.2024	BDL	10.7	50	28	0.09	5.9	1.07	50(PM ₁₀)	Good
5.	28.10.2024	BDL	13.2	55	36	0.08	5.3	1.66	55(PM ₁₀)	Satisfactory
6.	29.10.2024	4.4	15.7	54	39	0.11	4.2	1.48	65(PM _{2.5})	Satisfactory
7.	30.10.2024	4.2	13.2	49	27	0.09	5.1	1.07	49(PM ₁₀)	Good
8.	31.10.2024	7.8	21.5	132	82	0.35	11.9	1.99	173(PM _{2.5})	Moderate
9.	01.11.2024	7.3	18.9	140	70	0.22	6.8	1.17	133(PM _{2.5})	Moderate
10.	02.11.2024	BDL	11.5	103	49	0.10	4.9	0.97	102(PM ₁₀)	Moderate
11.	03.11.2024	BDL	12.8	95	39	0.11	5.7	0.69	95(PM ₁₀)	Satisfactory
12.	04.11.2024	BDL	13.4	103	59	0.17	5.1	0.97	102(PM ₁₀)	Moderate
13.	05.11.2024	BDL	11.0	113	66	0.16	8.9	0.77	120(PM _{2.5})	Moderate
14.	06.11.2024	4.3	14.9	123	58	0.19	8.8	0.68	115(PM ₁₀)	Moderate
15.	07.11.2024	4.4	14.8	126	61	0.09	9.7	0.73	117(PM ₁₀)	Moderate

Table-(x)

Name of the Monitoring Station:- Konark						Metals in PM ₁₀		Metals in PM _{2.5}	AQI w. r. t Prominent Pollutant	Categorization
Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)		
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	BDL	12.1	23	13	0.17	11.3	1.34	23(PM ₁₀)	Good
2.	25.10.2024	BDL	11.6	30	15	0.2	16.9	1.22	30(PM ₁₀)	Good
3.	26.10.2024	BDL	12.5	55	18	0.15	9.7	1.58	55(PM ₁₀)	Satisfactory
4.	27.10.2024	BDL	11.5	43	16	0.17	6.5	1.36	43(PM ₁₀)	Good
5.	28.10.2024	BDL	10.5	53	22	0.16	18.4	0.51	53(PM ₁₀)	Satisfactory
6.	29.10.2024	BDL	12.5	54	19	0.15	17.7	1.78	54(PM ₁₀)	Satisfactory
7.	30.10.2024	BDL	12.5	65	22	0.19	9.3	1.55	65(PM ₁₀)	Satisfactory
8.	31.10.2024	4.1	15.3	132	57	0.24	14.8	1.66	121(PM ₁₀)	Moderate
9.	01.11.2024	BDL	16.0	96	48	0.18	12.3	1.31	96(PM ₁₀)	Satisfactory
10.	02.11.2024	BDL	15.5	84	38	0.19	4.3	2.37	84(PM ₁₀)	Satisfactory
11.	03.11.2024	BDL	14.8	73	29	0.2	14.7	1.52	73(PM ₁₀)	Satisfactory
12.	04.11.2024	BDL	13.4	63	27	0.19	18.1	0.85	63(PM ₁₀)	Satisfactory
13.	05.11.2024	BDL	13.3	78	39	0.18	9.8	1.1	78(PM ₁₀)	Satisfactory
14.	06.11.2024	BDL	14.7	89	41	0.22	12.9	1.99	89(PM ₁₀)	Satisfactory
15.	07.11.2024	BDL	12.7	38	16	0.21	16.2	0.92	38(PM ₁₀)	Good

P.T.O

Table-(xi)

Name of the Monitoring Station:-Koraput						Metals in PM ₁₀		Metals	AQI w. r. t
---	--	--	--	--	--	----------------------------	--	--------	-------------

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)	Prominent Pollutant	Categorization
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	BDL	9.6	43	23	0.15	5.3	0.8	43(PM ₁₀)	Good
2.	25.10.2024	BDL	9.5	47	22	0.12	4.9	0.75	47(PM ₁₀)	Good
3.	26.10.2024	BDL	9.6	51	27	0.13	3.7	0.53	51(PM ₁₀)	Satisfactory
4.	27.10.2024	BDL	9.7	54	23	0.19	6.9	1.08	54(PM ₁₀)	Satisfactory
5.	28.10.2024	BDL	9.7	57	28	0.18	4.3	1.65	57(PM ₁₀)	Satisfactory
6.	29.10.2024	4.0	9.9	61	29	0.13	3.2	1.41	61(PM ₁₀)	Satisfactory
7.	30.10.2024	4.1	9.9	82	37	0.13	6.1	0.93	82(PM ₁₀)	Satisfactory
8.	31.10.2024	4.4	10.2	97	39	0.45	10.9	1.27	97(PM ₁₀)	Satisfactory
9.	01.11.2024	4.2	10.4	82	31	0.19	6.6	1.14	82(PM ₁₀)	Satisfactory
10.	02.11.2024	4.1	10.2	77	34	0.14	4.2	0.97	77(PM ₁₀)	Satisfactory
11.	03.11.2024	BDL	10.1	69	28	0.16	5.3	0.6	69(PM ₁₀)	Satisfactory
12.	04.11.2024	BDL	9.8	66	25	0.16	4.0	0.99	66(PM ₁₀)	Satisfactory
13.	05.11.2024	BDL	9.7	68	27	0.16	8.1	0.76	68(PM ₁₀)	Satisfactory
14.	06.11.2024	BDL	9.6	53	27	0.19	8.9	0.64	53(PM ₁₀)	Satisfactory
15.	07.11.2024	BDL	9.6	49	22	0.2	9.2	0.72	49(PM ₁₀)	Good

Table-(xii)

Name of the Monitoring Station:- Paradeep						Metals in PM ₁₀		Metals in PM _{2.5}	AQI w. r. t Prominent Pollutant	Categorization
Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)		
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	-	-	-	-	0.02	1.2	-		
2.	25.10.2024	-	-	-	-	0.07	17.2	-		
3.	26.10.2024	9.6	8.4	37	19	0.32	19.4	1.36	37(PM ₁₀)	Good
4.	27.10.2024	9.1	8.7	61	32	0.01	15.5	1.27	53(PM ₁₀)	Satisfactory
5.	28.10.2024	11.7	10.4	55	24	0.02	12	1.28	55(PM ₁₀)	Satisfactory
6.	29.10.2024	10.6	8.9	62	27	0.04	15.9	1.78	62(PM ₁₀)	Satisfactory
7.	30.10.2024	14.0	10.6	65	31	0.04	13.6	1.07	65(PM ₁₀)	Satisfactory
8.	31.10.2024	21.3	17.4	130	82	0.19	18.4	1.22	173(PM _{2.5})	Moderate
9.	01.11.2024	19.1	13.7	122	57	0.14	9.3	1.69	115(PM ₁₀)	Moderate
10.	02.11.2024	14.2	11.1	111	44	0.11	5.7	1.09	107(PM ₁₀)	Moderate
11.	03.11.2024	11.0	11.3	107	47	0.06	16.1	1.02	105(PM ₁₀)	Moderate
12.	04.11.2024	12.2	11.8	101	43	0.05	18	0.91	101(PM ₁₀)	Moderate
13.	05.11.2024	12.8	11.3	79	42	0.04	18.1	1.06	79(PM ₁₀)	Satisfactory
14.	06.11.2024	13.7	10.2	85	46	0.08	18.2	1.57	85(PM ₁₀)	Satisfactory
15.	07.11.2024	11.7	8.7	93	38	0.06	18.5	1.22	93(PM ₁₀)	Satisfactory

Table-(xiii)

Name of the Monitoring Station:- Puri	Metals in PM ₁₀	Metals in PM _{2.5}	AQI w. r. t Prominent	Categorization
---------------------------------------	----------------------------	-----------------------------	-----------------------	----------------

Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)	Pollutant	
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	-	-	-	-					
2.	25.10.2024	-	-	-	-					
3.	26.10.2024	BDL	9.8	63	13	0.2	11.2	1.19	63(PM ₁₀)	Satisfactory
4.	27.10.2024	BDL	9.7	62	15	0.21	14.6	1.2	62(PM ₁₀)	Satisfactory
5.	28.10.2024	BDL	9.9	62	13	0.21	4.6	0.95	62(PM ₁₀)	Satisfactory
6.	29.10.2024	BDL	10.2	60	12	0.23	12.5	0.27	60(PM ₁₀)	Satisfactory
7.	30.10.2024	BDL	10.4	65	14	0.23	4.6	1.52	65(PM ₁₀)	Satisfactory
8.	31.10.2024	BDL	18.5	142	58	0.24	11.2	1.36	128(PM ₁₀)	Moderate
9.	01.11.2024	4.8	19.2	177	44	0.19	7.8	1.96	151(PM ₁₀)	Moderate
10.	02.11.2024	BDL	12.7	121	-	0.22	8	0.89	114(PM ₁₀)	Moderate
11.	03.11.2024	BDL	11.0	91	29	0.25	13.8	1.23	91(PM ₁₀)	Satisfactory
12.	04.11.2024	BDL	10.5	81	26	0.22	4	1.65	81(PM ₁₀)	Satisfactory
13.	05.11.2024	BDL	10.3	74	24	0.22	8.4	1.74	74(PM ₁₀)	Satisfactory
14.	06.11.2024	BDL	10.3	71	18	0.22	5.2	1.17	71(PM ₁₀)	Satisfactory
15.	07.11.2024	BDL	10.2	68	14	0.26	5.9	1.27	68(PM ₁₀)	Satisfactory

Table-(xiv)

Name of the Monitoring Station:-Rayagada						Metals in PM ₁₀		Metals in PM _{2.5}	AQI w. r. t Prominent Pollutant	Categorization
Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)		
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	6.9	22.1	58	25	0.01	6.6	2.18	58(PM ₁₀)	Satisfactory
2.	25.10.2024	7.2	23.4	69	31	0.01	4.6	1.1	69(PM ₁₀)	Satisfactory
3.	26.10.2024	7.1	23.3	71	34	0.01	8.4	1.12	71(PM ₁₀)	Satisfactory
4.	27.10.2024	4.8	21.4	51	26	0.01	7.6	0.23	51(PM ₁₀)	Satisfactory
5.	28.10.2024	7.9	24.1	72	36	0.02	4.9	0.47	72(PM ₁₀)	Satisfactory
6.	29.10.2024	7.8	24.2	81	41	0.04	14.9	1.1	81(PM ₁₀)	Satisfactory
7.	30.10.2024	9.5	25.1	86	45	0.05	13.4	0.23	86(PM ₁₀)	Satisfactory
8.	31.10.2024	13.9	36.1	168	87	0.17	15.1	2.48	190(PM _{2.5})	Moderate
9.	01.11.2024	11.7	29.1	87	62	0.14	19.2	9.57	87(PM ₁₀)	Satisfactory
10.	02.11.2024	9.1	24.7	82	40	0.07	13.9	3.85	82(PM ₁₀)	Satisfactory
11.	03.11.2024	8.0	24.9	81	37	0.04	9.3	2.23	81(PM ₁₀)	Satisfactory
12.	04.11.2024	7.6	24.3	78	35	0.02	7.3	4.22	78(PM ₁₀)	Satisfactory
13.	05.11.2024	8.4	24.6	87	39	0.01	3.8	3.2	87(PM ₁₀)	Satisfactory
14.	06.11.2024	7.7	23.9	75	32	0.01	3.1	3.45	75(PM ₁₀)	Satisfactory
15.	07.11.2024	7.3	23.3	68	29	0.01	2.9	2.14	68(PM ₁₀)	Satisfactory

P.T.O

Table-(xv)

Name of the Monitoring Station:- Rourkela						Metals in PM ₁₀		Metals in PM _{2.5}	AQI w. r. t Prominent Pollutant	Categorization
Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)		
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	15.8	18.5	39	14	0.11	19.3	2.15	39(PM ₁₀)	Good
2.	25.10.2024	16.7	19.1	35	43	0.08	17	2.48	72(PM _{2.5})	Satisfactory
3.	26.10.2024	15.9	18.7	40	26	0.09	12.5	1.03	43(PM _{2.5})	Good
4.	27.10.2024	18.0	21.8	43	35	0.13	19.5	1.7	58(PM _{2.5})	Satisfactory
5.	28.10.2024	19.0	24.0	41	36	0.13	14.3	2.2	60(PM _{2.5})	Satisfactory
6.	29.10.2024	22.4	24.8	70	42	0.14	7.2	2.84	70 both (PM ₁₀ &PM _{2.5})	Satisfactory
7.	30.10.2024	23.3	25.7	50	35	0.14	3	2.34	58(PM _{2.5})	Satisfactory
8.	31.10.2024	24.3	26.7	188	88	0.37	16.9	2.31	193(PM _{2.5})	Moderate
9.	01.11.2024	22.7	25.4	171	74	0.36	6.3	1.98	147 both (PM ₁₀ &PM _{2.5})	Moderate
10.	02.11.2024	20.8	24.2	125	66	0.25	18.1	2.14	120(PM _{2.5})	Moderate
11.	03.11.2024	19.4	23	81	67	0.19	17	1.79	123(PM _{2.5})	Moderate
12.	04.11.2024	19.8	22	114	53	0.19	5.8	1.8	109(PM ₁₀)	Moderate
13.	05.11.2024	18.1	21.3	87	55	0.2	19.1	1.57	92(PM _{2.5})	Satisfactory
14.	06.11.2024	16.3	20.5	111	52	0.28	13.7	1.07	107(PM ₁₀)	Moderate
15.	07.11.2024	15.4	18.5	109	57	0.19	18.5	1.32	106(PM ₁₀)	Moderate

Table-(xvi)

Name of the Monitoring Station:-Sambalpur						Metals in PM ₁₀		Metals in PM _{2.5}	AQI w. r. t Prominent Pollutant	Categorization
Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)		
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	6.0	23.8	84	37	0.26	13.5	2.94	84(PM ₁₀)	Satisfactory
2.	25.10.2024	6.6	24.3	96	40	0.29	17.5	1.85	96(PM ₁₀)	Satisfactory
3.	26.10.2024	5.9	23.7	89	36	0.27	18.8	1.35	89(PM ₁₀)	Satisfactory
4.	27.10.2024	7.1	24.8	102	45	0.27	12.1	2.26	101(PM ₁₀)	Moderate
5.	28.10.2024	7.3	25.1	108	48	0.3	10.6	2.96	105(PM ₁₀)	Moderate
6.	29.10.2024	7.9	25.8	121	56	0.27	9.4	2.0	114(PM ₁₀)	Moderate
7.	30.10.2024	9.8	29.8	165	68	0.31	14.2	2.33	143(PM ₁₀)	Moderate
8.	31.10.2024	25.7	41.5	267	104	0.30	16.3	7.0	247(PM _{2.5})	Poor
9.	01.11.2024	21.3	36.7	234	91	0.25	6.5	1.99	203(PM _{2.5})	Poor
10.	02.11.2024	18.2	33.0	226	87	0.26	2.4	2.57	190(PM _{2.5})	Moderate
11.	03.11.2024	16.5	31.8	205	78	0.24	15.5	1.92	170(PM ₁₀)	Moderate
12.	04.11.2024	14.8	30.3	182	72	0.27	9.5	2.19	155(PM ₁₀)	Moderate
13.	05.11.2024	14.2	32.0	176	69	0.28	11.9	2.23	151(PM ₁₀)	Moderate
14.	06.11.2024	13.8	31.4	187	75	0.28	19.3	1.96	158(PM ₁₀)	Moderate
15.	07.11.2024	13.4	32.5	194	82	0.27	6.8	2.16	173(PM _{2.5})	Moderate

Table-(xvii)

Name of the Monitoring Station:-Talcher						Metals in PM ₁₀		Metals in PM _{2.5}	AQI w. r. t Prominent Pollutant	Categorization
Sl.No.	Date of Monitoring	SO ₂	NO ₂	PM ₁₀	PM _{2.5}	Pb (µg/m ³)	Ni (ng/m ³)	Fe (µg/m ³)		
		(values expressed in Microgram per cubic meter)								
1.	24.10.2024	8.9	25.8	73	32	0.12	19.3	1.81	73(PM ₁₀)	Satisfactory
2.	25.10.2024	6.2	22.1	60	21	0.10	10.9	1.57	60(PM ₁₀)	Satisfactory
3.	26.10.2024	10.0	27.5	47	16	0.10	6.4	0.97	47(PM ₁₀)	Good
4.	27.10.2024	11.1	29.0	82	45	0.12	16.1	0.73	82(PM ₁₀)	Satisfactory
5.	28.10.2024	8.3	25.1	56	24	0.13	8.3	1.25	56(PM ₁₀)	Satisfactory
6.	29.10.2024	11.3	30.4	85	47	0.16	14.4	1.15	85(PM ₁₀)	Satisfactory
7.	30.10.2024	12.4	28.7	108	53	0.20	18.1	1.74	105(PM ₁₀)	Moderate
8.	31.10.2024	17.6	32.8	170	76	0.26	18.3	1.47	153(PM _{2.5})	Moderate
9.	01.11.2024	14.1	31.2	171	83	0.24	19	3.0	177(PM _{2.5})	Moderate
10.	02.11.2024	12.0	28.7	140	63	0.18	18.1	2.81	127(PM ₁₀)	Moderate
11.	03.11.2024	10.6	29.0	136	51	0.13	13.5	2.38	124(PM ₁₀)	Moderate
12.	04.11.2024	11.2	27.7	159	70	0.12	7.3	2.75	139(PM ₁₀)	Moderate
13.	05.11.2024	9.1	26.4	153	67	0.13	8.5	2.26	135(PM ₁₀)	Moderate
14.	06.11.2024	37	18.6	127	58	0.16	11.5	2.7	118(PM ₁₀)	Moderate
15.	07.11.2024	12.5	29.7	131	63	0.18	9.1	2.1	121(PM ₁₀)	Moderate

N.B:-BDL- Below Detectable Limit, BDL Value for SO₂ ≤4 µg/m³,