Ambient air quality status with Air quality index value and categorisation of different cities & towns of Odisha during, February- 2021

1. ANGUL(2) I. RO SPCB, Angul Industrial Estate

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	11.7	27.2	38.8	20.9	105	46	103(PM_{10})	Moderate

II.NALCO Nagar, Angul

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	9.5	26.6	24.1	BDL	103	31	102(PM_{10})	Moderate

2. TALCHER(2) III. TTPS, Talcher

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	11.6	28.0	39.6	BDL	144	52	129(PM_{10})	Moderate

IV.MCL, Talcher

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	10.0	28.8	BDL	BDL	136	47	124(PM_{10})	Moderate

3. BALASORE(3) V. RO SPCB, Ganeswarpur

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	BDL	10.8	24.7	23.7	86	50	86(PM_{10})	Satisfactory

VI. Oriplast, Balasore

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	BDL	10.7	24.7	23.8	84	50	84(PM_{10})	Satisfactory

VII. Rasalpur Industrial Estate

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	7.6	11.5	25.2	25.0	90	54	90(PM_{10}& $PM_{2.5}$)	Satisfactory

4. BERHAMPUR(1) VIII. RO SPCB, Brahmanagar

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	5.0	20.0	33.9	34.3	59	27	59(PM_{10})	Satisfactory

5. BHUBANESWAR(6) IX. SPCB Office Building, Unit-VIII

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	BDL	17.5	44.3	25.7	148	59	132(PM_{10})	Moderate

X. IRC Village, Nayapali

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	BDL	17.5	39.8	30.1	126	NM	117(PM_{10})	Moderate

XI. Capital Police Station, Unit-I

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	BDL	18.5	61.1	30.1	142	NM	128(PM_{10})	Moderate

XII. Patrapada

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	BDL	13.9	47.1	23.2	123	50	115(PM_{10})	Moderate

XIII. Chandrasekharpur

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	BDL	15.0	36.4	25.0	141	43	127(PM_{10})	Moderate

XIV. Palasuni waterworks

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	BDL	16.4	53.8	27.0	161	67	141(PM_{10})	Moderate

6. BONAIGARH(1) XV. Bonaigarh Govt. Hospital

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	9.9	12.5	23.8	22.5	93	37	93(PM_{10})	Satisfactory

7.CUTTACK(3) XVI. On the roof of Hotel BishalinNearTraffic Tower,Badambadi

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	**Not Monitored**					55	*	-

*-:For AQI calculation minimum three parameters are required.

XVII. RO SPCB, Building, Surya Vihar

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	4.6	21.1	37.2	26.2	125	55	117(PM_{10})	Moderate

XVIII. PHD Office, Barabati

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	4.1	19.7	32.2	24.1	120	54	113(PM_{10})	Moderate

8.JHARSUGUDA(3)   XIX. RO SPCB, Cox Colony, Babubagicha, Jharsuguda

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	9.4	13.0	23.5	21.4	108	63	110($PM_{2.5}$)	Satisfactory

XX. TRL Colony Premises, Belpahar

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	9.4	16.2	26.6	28.1	110	66	120($PM_{2.5}$)	Moderate

XXI. Inside Vedanta Township

Month	Parameters				AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter					
February	Not Monitored					

9.KALINGANAGAR(3)   XXII. BRPL Guest House

Month	Parameters					AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter						
February	Not Monitored						

XXIII. RO SPCB, Kalinganagar

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	Not Monitored							

XXIV. DET Hostel, TATA Steel

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	BDL	16.5	50.5	21.9	119	NM	113(PM_{10})	Moderate

10.KEONJHAR (1)　　　　　　　　**XXV. RO SPCB, Baniapat**

Month	Parameters					AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter						
February	BDL	14.8	34.3	106	NM	104(PM_{10})	Moderate

11. KONARK(1)　　　　　　　　**XXVI.Konark Police Station**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	BDL	12.5	38.5	21.5	72	NM	72(PM_{10})	Satisfactory

12.PARADEEP(3)　　　　　　　　**XXVII. PPL Guest house**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	18.1	12.0	158.6	69.5	221	NM	181(PM_{10})	Moderate

XXVIII. IFFCO STP

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	18.4	12.1	152.2	65.9	224	NM	183(PM_{10})	Moderate

XXIX. Paradeep Port trustStaff Quarter

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	17.1	11.7	144.7	61.7	216	NM	177(PM_{10})	Moderate

13.PURI(2)　　　　　　　　**XXX. Sadar Police Station**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	BDL	14.8	43.9	BDL	106	NM	104(PM_{10})	Moderate

XXXI. Town Police Station

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	BDL	15.4	49.7	BDL	109	NM	106(PM_{10})	Moderate

14. RAYAGADA(2)　　　　　　　　**XXXII. RO SPCB, Rayagada Indiranagar**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	4.7	16.2	30.0	23.4	79	38	79(PM_{10})	Satisfactory

XXXIII. LPS High School, Jaykaypur

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	5.1	16.7	32.0	22.8	84	42	84(PM_{10})	Satisfactory

15 RAJGANGPUR(1)   **XXXIV. DISR,Rajgangpur**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	9.2	12.4	24.9	22.8	145	32	130(PM_{10})	Moderate

16. ROURKELA(4)   XXXV. RO SPCB, Rourkela,Sector-5

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	8.5	12.4	24.0	23.8	147	46	131(PM_{10})	Moderate

XXXVI. IDL out Post

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	8.2	11.9	24.0	23.2	83	54	90($PM_{2.5}$)	Satisfactory

XXXVII. IDCO Water tank, IDC Kalunga

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	8.3	12.5	24.4	23.8	139	42	126(PM_{10})	Moderate

XXXVIII. Govt. Hospital, Kuanrmunda

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	8.3	12.1	24.2	24.0	162	48	141(PM_{10})	Moderate

17.SAMBALPUR (1)   **XXXIX. PHD Office, Modipara**

Month	Parameters						AQI w. r. t Prominent Pollutant	Categorization
	SO_2	NO_2	NH_3	O_3	PM_{10}	$PM_{2.5}$		
	Monthly Average Values express in Microgram per cubic meter							
February	8.3	28.0	27.6	25.4	150	62	133(PM_{10})	Moderate

NB:-Three NAMP stations (1)Vedanta Township under RO, Jharsuguda, (2)BRPL,Kalinganagar,(3)RO Kalinganagar were not inoperation in the month of February, 2021. NM-Not Monitored, BDL Value for SO_2 ≤4 µg/m³,NO_2 ≤ 9 µg/m³,NH_3 ≤20 µg/m³& O_3 ≤20 µg/m³.