

## Ambient air quality status with Air quality index value and categorization of different cities & towns of Odisha during, December- 2022

### 1. ANGUL(2)

#### I. RO SPCB, Angul Industrial Estate

| Month  | Parameters      |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|--|-----------------|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|  | SO <sub>2</sub> | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
| <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                 |                |                  |                   |                                       |                |
| <b>December</b>  | 12.0            | 28.8            | 47.0            | 20.7           | 110              | 49                | 107(PM <sub>10</sub> )                | Moderate       |

#### II.NALCO Nagar, Angul

| Month  | Parameters      |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|--|-----------------|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|  | SO <sub>2</sub> | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
| <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                 |                |                  |                   |                                       |                |
| <b>December</b>  | 10.2            | 28.7            | 32.5            | BDL            | 115              | 38                | 109(PM <sub>10</sub> )                | Moderate       |

### 2. TALCHER(2)

#### III. TTPS, Talcher

| Month  | Parameters      |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|--|-----------------|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|  | SO <sub>2</sub> | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
| <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                 |                |                  |                   |                                       |                |
| <b>December</b>  | 11.1            | 29.0            | 38.6            | 20.3           | 122              | 46                | 115(PM <sub>10</sub> )                | Moderate       |

#### IV.MCL, Talcher

| Month  | Parameters      |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|--|-----------------|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|  | SO <sub>2</sub> | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
| <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                 |                |                  |                   |                                       |                |
| <b>December</b>  | 10.7            | 29.7            | 29.2            | 20.1           | 143              | 38                | 129(PM <sub>10</sub> )                | Moderate       |

### 3. BALASORE(3)

#### V. RO SPCB, Ganeswarpur

| Month  | Parameters      |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|--|-----------------|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|  | SO <sub>2</sub> | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
| <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                 |                |                  |                   |                                       |                |
| <b>December</b>  | BDL             | 10.8            | 23.3            | 24.4           | 97               | 54                | 97(PM <sub>10</sub> )                 | Satisfactory   |

#### VI.Oriplast, Balasore

| Month  | Parameters      |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|--|-----------------|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|  | SO <sub>2</sub> | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
| <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                 |                |                  |                   |                                       |                |
| <b>December</b>  | BDL             | 10.7            | 22.8            | 24.0           | 92               | 51                | 92(PM <sub>10</sub> )                 | Satisfactory   |

#### VII. Rasalpur Industrial Estate

| Month  | Parameters      |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|--|-----------------|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|  | SO <sub>2</sub> | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
| <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                 |                |                  |                   |                                       |                |
| <b>December</b>  | 8.1             | 11.8            | 24.2            | 25.5           | 100              | 56                | 100(PM <sub>10</sub> )                | Satisfactory   |

### 4. BERHAMPUR(1)

#### VIII. RO SPCB, Brahmanagar

| Month  | Parameters      |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|--|-----------------|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|  | SO <sub>2</sub> | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
| <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                 |                |                  |                   |                                       |                |
| <b>December</b>  | 5.1             | 18.3            | 31.9            | 36.4           | 145              | 74                | 147(PM <sub>2.5</sub> )               | Moderate       |

5. BHUBANESWAR(6)

## IX. SPCB Office Building, Unit-VIII

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | BDL   | 23.4            | 43.4            | 24.5           | 172              | 68                | 148(PM <sub>10</sub> )                | Moderate       |

## X. IRC Village, Nayapali

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | BDL   | 27.7            | 48.8            | 30.9           | 172              | 75                | 150(PM <sub>2.5</sub> )               | Moderate       |

## XI. Capital Police Station, Unit-I

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 8.5   | 13.2            | 23.2            | 22.8           | 127              | 61                | 118(PM <sub>10</sub> )                | Moderate       |

## XII.Khandagiri

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 5.0   | 28.7            | 52.7            | 25.6           | 175              | 73                | 150(PM <sub>10</sub> )                | Moderate       |

## XIV.Chandresekherpur

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | BDL   | 14.5            | 34.4            | 27.4           | 175              | 48                | 150(PM <sub>10</sub> )                | Moderate       |

## XIV. Palasuni waterworks

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 6.0   | 26.0            | 42.8            | 30.7           | 255              | 124               | 303(PM <sub>2.5</sub> )               | Very Poor      |

6. BONAIGARH(1)

## XV. Bonaigarh Govt. Hospital

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 14.2  | 17.9            | 29.2            | 27.7           | 147              | 50                | 131(PM <sub>10</sub> )                | Moderate       |

7.CUTTACK(3)

## XVI. On the roof of Hotel Bishalin Near Traffic Tower, Badambadi

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>November</b> | BDL   | 19.9            | 40.5            | 33.2           | 136              | NM                | 124(PM <sub>10</sub> )                | Moderate       |

**XVII. RO SPCB, Building, Surya Vihar**

| Month           | Parameters   |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|--|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>  | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 5.1  | 22.7            | 48.5            | 44.7           | 149              | NM                | 133(PM <sub>10</sub> )                | Moderate       |

**XVIII. PHD Office ,Barabati**

| Month           | Parameters   |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|--|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>  | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | BDL  | 20.5            | 34.7            | 32.2           | 138              | NM                | 125(PM <sub>10</sub> )                | Moderate       |

**8.JHARSUGUDA(3)**

**XIX. RO SPCB, Cox Colony, Babubagicha, Jharsuguda**

| Month           | Parameters   |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|--|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>  | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 8.5  | 13.2            | 23.2            | 22.8           | 127              | 61                | 118(PM <sub>10</sub> )                | Moderate       |

**XX. TRL Colony Premises, Belpahar**

| Month           | Parameters   |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|--|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>  | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 8.8  | 14.7            | 25.9            | 23.3           | 125              | 70                | 133(PM <sub>2.5</sub> )               | Moderate       |

**XXI. Samalaiswari Nagar**

| Month           | Parameters   |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|--|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>  | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 8.4  | 13.2            | 22.5            | 22.5           | 120              | 63                | 113(PM <sub>10</sub> )                | Moderate       |

**9.KALINGANAGAR(3)**

**XXII. BRPL Guest House**

| Month           | Parameters   |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|--|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>  | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 4.7  | 13.4            | 31.6            | 21.9           | 102              | NM                | 101(PM <sub>10</sub> )                | Moderate       |

**XXIII. RO SPCB, Kalinganagar**

| Month           | Parameters   |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|--|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>  | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 5.6  | 14.1            | 31.4            | 21.8           | 121              | 61                | 114(PM <sub>10</sub> )                | Moderate       |

**XXIV. DET Hostel, TATA Steel**

| Month           | Parameters   |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|--|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>  | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | <b>Monthly Average Values express in Microgram per cubic meter</b> |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 5.8  | 14.2            | 31.9            | 21.9           | 120              | 61                | 113(PM <sub>10</sub> )                | Moderate       |

**10.KEONJHAR(1)**

**XXV. RO SPCB, Baniapat**

| Month  | Parameters  |                 |                 |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|--|---|-----------------|-----------------|------------------|-------------------|---------------------------------------|----------------|
|  | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|  | Monthly Average Values express in Microgram per cubic meter |                 |                 |                  |                   |                                       |                |
| <b>December</b><br><b>11. <u>KONARK(1)</u></b> | BDL   | 13.1            | 34.8            | 122              | 56                | 115(PM <sub>10</sub> )                | Moderate       |

**XXVI .Konark Police Station**

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | BDL   | 13.9            | 35.9            | 24.3           | 92               | 37                | 92(PM <sub>10</sub> )                 | Satisfactory   |

**12.PARADEEP(3)**

**XXVII. PPL Guest house**

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant                  | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|--|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |  |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |  |                |
| <b>December</b> | 14.2  | 9.9             | 113             | 23.4           | 164              | 73                | 143<br>(Both PM <sub>10</sub><br>& PM <sub>2.5</sub> ) | Moderate       |

**XXVIII. IFFCO STP**

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 15.5  | 10.8            | 121             | 28.3           | 156              | 72                | 140(PM <sub>2.5</sub> )               | Moderate       |

**XXIX. Paradeep Port trust Staff Quarter**

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 11.9  | 9.5             | 105             | 22.1           | 146              | 66                | 131(PM <sub>10</sub> )                | Moderate       |

**13.PURI(2)**

**XXX. Sadar Police Station**

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | BDL   | 12.2            | 41.7            | BDL            | 107              | 28                | 105(PM <sub>10</sub> )                | Moderate       |

**XXXI. Town Police Station**

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | BDL   | 14.7            | 41.1            | BDL            | 106              | 30                | 104(PM <sub>10</sub> )                | Moderate       |

**14. RAYAGADA(2)**

**XXXII. RO SPCB, Rayagada ,Indiranagar**

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 5.2   | 15.4            | 29.0            | 22.0           | 85               | 45                | 85(PM <sub>10</sub> )                 | Satisfactory   |

**XXXIII. LPS High School, Jaykaypur**

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 6.1   | 16.8            | 31.0            | 22.8           | 90               | NM                | 90(PM <sub>10</sub> )                 | Satisfactory   |

**15 RAJGANGPUR(1)**

**XXXIV. DISR ,Rajgangpur**

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 12.0  | 16.3            | 23.8            | 24.2           | 120              | 51                | 113(PM <sub>10</sub> )                | Moderate       |

**16. ROURKELA(4)**

**XXXV. Town Engineering Office Premises, RSP, Sector-5**

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 13.1  | 13.3            | 24.2            | 25.3           | 138              | 52                | 125(PM <sub>10</sub> )                | Moderate       |

**XXXVI. IDL out Post**

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 11.8  | 14.0            | 33.9            | 32.7           | 111              | 63                | 110(PM <sub>2.5</sub> )               | Moderate       |

**XXXVII. IDCO Water tank, IDC Kalunga**

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 15.1  | 23.2            | 28.8            | 27.5           | 214              | 69                | 176(PM <sub>10</sub> )                | Moderate       |

**XXXVIII. Govt. Hospital, Kuanmunda**

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 13.7  | 15.8            | 27.9            | 28.9           | 255              | 60                | 205(PM <sub>10</sub> )                | Poor           |

**17.SAMBALPUR (1)**

**XXXIX. PHD Office, Modipara**

| Month           | Parameters  |                 |                 |                |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|-----------------|---|-----------------|-----------------|----------------|------------------|-------------------|---------------------------------------|----------------|
|                 | SO <sub>2</sub>   | NO <sub>2</sub> | NH <sub>3</sub> | O <sub>3</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                 | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>December</b> | 9.1   | 26.1            | 26.0            | 24.1           | 173              | 61                | 149(PM <sub>10</sub> )                | Moderate       |

**NB:-** NM-Not Monitored BDL Value for SO<sub>2</sub> ≤4 µg/m<sup>3</sup>, NO<sub>2</sub> ≤9 µg/m<sup>3</sup> & O<sub>3</sub> ≤20 µg/m<sup>3</sup>.