

## Ambient air quality status with Air quality index value and categorization of different cities & towns of Odisha during, October 2021

### 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> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>October</b> | 9.6   | 25.6            | 45.9            | 23.4           | 88               | 39                | 88(PM <sub>10</sub> )                 | Satisfactory   |

#### 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> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>October</b> | 9.8   | 27.8            | 33.2            | BDL            | 102              | 34                | 101(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> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>October</b> | 10.8  | 28.4            | 40.8            | BDL            | 81               | 31                | 81(PM <sub>10</sub> )                 | Satisfactory   |

#### 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> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>October</b> | 9.1   | 28.1            | 25.5            | BDL            | 118              | 32                | 112(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> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>October</b> | BDL   | 10.6            | 23.6            | 23.3           | 60               | 32                | 60(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> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>October</b> | BDL   | 10.7            | 23.8            | 23.6           | 61               | 33                | 61(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> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>October</b> | 7.3   | 11.2            | 24.6            | 24.3           | 64               | 36                | 64(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> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>October</b> | 4.5   | 18.7            | 38.6            | 39.2           | 71               | 32                | 71(PM <sub>10</sub> )                 | Satisfactory   |

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 |                 |                 |                |                  |                   |                                       |                |
| October | BDL   | 16.0            | 35.2            | 25.2           | 87               | NM                | 87(PM <sub>10</sub> )                 | Satisfactory   |

**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 |                 |                 |                |                  |                   |                                       |                |
| October | Not monitored   |                 |                 |                | 54               | NM                | *                                     | -              |

**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 |                 |                 |                |                  |                   |                                       |                |
| October | BDL   | 17.9            | 44.8            | 30.8           | 84               | 28                | 84(PM <sub>10</sub> )                 | Satisfactory   |

**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 |                 |                 |                |                  |                   |                                       |                |
| October | BDL   | 15.7            | 40.2            | 28.7           | 90               | NM                | 90(PM <sub>10</sub> )                 | Satisfactory   |

**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 |                 |                 |                |                  |                   |                                       |                |
| October | BDL   | 15.6            | 38.1            | 30.8           | 83               | 30                | 83(PM <sub>10</sub> )                 | Satisfactory   |

**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 |                 |                 |                |                  |                   |                                       |                |   |
| October | Not Monitored   |                 |                 |                |                  |                   | 37                                    | *              | - |

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 |                 |                 |                |                  |                   |                                       |                |
| October | 7.8   | 11.0            | 22.8            | 23.1           | 97               | 33                | 97(PM <sub>10</sub> )                 | Satisfactory   |

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 |                 |                 |                |                  |                   |                                       |                |
| October | 4.2   | 17.1            | 30.4            | 29.8           | 85               | 31                | 85(PM <sub>10</sub> )                 | Satisfactory   |

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

**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> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>October</b> | 4.3   | 18.8            | 30.4            | 28.6           | 79               | 27                | 79(PM <sub>10</sub> )                 | Satisfactory   |

**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> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>October</b> | BDL   | 16.3            | 26.2            | 24.5           | 69               | 25                | 69(PM <sub>10</sub> )                 | Satisfactory   |

**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> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>October</b> | 7.7   | 12.2            | 22.9            | BDL            | 94               | 47                | 94(PM <sub>10</sub> )                 | Satisfactory   |

**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> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>October</b> | 8.9   | 15.7            | 22.7            | 21.7           | 96               | 57                | 96(PM <sub>10</sub> )                 | Satisfactory   |

**XXI. Inside Vedanta Township**

| Month          | Parameters  |                 |                  |                   | AQI w. r. t<br>Prominent<br>Pollutant | Categorization |
|----------------|---|-----------------|------------------|-------------------|---------------------------------------|----------------|
|                | SO <sub>2</sub>   | NO <sub>2</sub> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                  |                   |                                       |                |
| <b>October</b> | <b>Not Monitored</b>  |                 |                  |                   |                                       |                |

**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> | PM <sub>10</sub> | PM <sub>2.5</sub> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                 |                  |                   |                                       |                |
| <b>October</b> | <b>Not Monitored</b>  |                 |                 |                  |                   |                                       |                |

**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> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>October</b> | <b>Not Monitored</b>  |                 |                 |                |                  |                   |                                       |                |

**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> |                                       |                |
|                | Monthly Average Values express in Microgram per cubic meter |                 |                 |                |                  |                   |                                       |                |
| <b>October</b> | BDL   | 14.3            | 36.5            | 21.3           | 112              | NM                | 108(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>October</b> | BDL   | 14.3            | 55.5            | 63               | 29                | 63(PM <sub>10</sub> )                 | Satisfactory   |

**11. KONARK(1)**

**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>October</b> | Not Monitored   |                 |                 |                |                  |                   |                                       |                |

**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>October</b> | 15.3  | 9.3             | 132             | 37.7           | 88               | NM                | 88(PM <sub>10</sub> )                 | Satisfactory   |

**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>October</b> | 15.3  | 9.7             | 130.0           | 37.8           | 86               | NM                | 86(PM <sub>10</sub> )                 | Satisfactory   |

**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>October</b> | 14.5  | 10.0            | 130             | 36.7           | 81               | NM                | 81(PM <sub>10</sub> )                 | Satisfactory   |

**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>October</b> | BDL   | 13.4            | 49.0            | BDL            | 70               | NM                | 70(PM <sub>10</sub> )                 | Satisfactory   |

**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>October</b> | Not Monitored   |                 |                 |                |                  |                   |                                       |                |

**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>October</b> | 4.6   | 15.1            | 28.0            | 23.2           | 60               | 28                | 60(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>October</b> | 5.1   | 16.1            | 30.0            | 24.1           | 64               | 31                | 64(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>October</b> | 9.9   | 11.5            | 23.1            | 22.3           | 118              | 32                | 112(PM <sub>10</sub> )                | Moderate       |

**16. ROURKELA(4)**

**XXXV. RO SPCB, Rourkela, 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>October</b> | 7.0   | 11.8            | 23.2            | 22.8           | 128              | 42                | 119(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>October</b> | 7.0   | 11.7            | 22.8            | 22.8           | 89               | 55                | 92(PM <sub>2.5</sub> )                | Satisfactory   |

**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>October</b> | 10.2  | 11.9            | 23.2            | 22.1           | 99               | 47                | 99(PM <sub>10</sub> )                 | Satisfactory   |

**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>October</b> | 11.1  | 12.9            | 24.6            | 24.5           | 98               | 40                | 98(PM <sub>10</sub> )                 | Satisfactory   |

**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>October</b> | 6.4   | 24.5            | 22.7            | 20.2           | 87               | 38                | 87(PM <sub>10</sub> )                 | Satisfactory   |

**NB:-\*** -Minimum three parameter are required for AQI calculation.

**NB:- five** NAMP stations (1)Vedanta Township under RO, Jharsuguda, (2)BRPL,Kalinganagar,(3) RO Kalinganagar,(4) Town Police station, Puri & (5) konark Police station were not in operation in the month of October 2021. 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>, NH<sub>3</sub> ≤20 µg/m<sup>3</sup>& O<sub>3</sub> ≤20 µg/m<sup>3</sup>.