

**DISSERTATION YEAR 2023-24**

| <b>S.No.</b> | <b>STUDENT NAME</b>   | <b>Supervisor</b>            | <b>Year</b>    | <b>TITLE OF THESIS</b>   |
|--------------|-----------------------|------------------------------|----------------|--|
| <b>1</b>     | <b>Aarju</b>          | <b>Mr. Domendra Dewangan</b> | <b>2023-24</b> | <b>Assessment of Groundwater Quality of Sihawa Region, Dhamtari Chhattisgrah</b>                             |
| <b>2</b>     | <b>Demin</b>          | <b>Mr. Sudheer Bhoi</b>      | <b>2023-24</b> | <b>Physico-chemical analysis of pond water sample in Raipur, Chhattisgarh</b>                                |
| <b>3</b>     | <b>Devika Thakur</b>  | <b>Dr. Shobhana Ramteke</b>  | <b>2023-24</b> | <b>Bacteriological Quality of a Most Popular Street Food (Panipuri) In Raipur City</b>                       |
| <b>4</b>     | <b>Jay Kumar</b>      | <b>Mr. Domendra Dewangan</b> | <b>2023-24</b> | <b>Groundwater Assessment of Chhattisgarh State Industrial Development Corporation Area Raipur CG</b>        |
| <b>5</b>     | <b>Jyoti</b>          | <b>Mr. Chunendra Kashyap</b> | <b>2023-24</b> | <b>Assessment of Noise Level Status in Different Residential, Commercial and Silent zones of Raipur City</b> |
| <b>6</b>     | <b>Khushboo</b>       | <b>Dr. Madhuri Verma</b>     | <b>2023-24</b> | <b>Assessment of Noise Level Status in Different Area of Baikunthpur City CG</b>                             |
| <b>7</b>     | <b>Namita Barik</b>   | <b>Dr. Madhuri Verma</b>     | <b>2023-24</b> | <b>Assessment of Physico Chemical Properties of Municipal Drinking Water in Raipur City</b>                  |
| <b>8</b>     | <b>Poonam</b>         | <b>Mr. Chunendra Kashyap</b> | <b>2023-24</b> | <b>Assessment of Groundwater Quality of Baloda Bazar Chhattisgrah</b>  |
| <b>9</b>     | <b>Subrat Verma</b>   | <b>Dr. Shobhana Ramteke</b>  | <b>2023-24</b> | <b>Investigation On Ground Water Quality in Sukma Bastar District, Chhattisgarh”</b>                         |
| <b>10</b>    | <b>Vasudev Dounde</b> | <b>Mr. Sudheer Bhoi</b>      | <b>2023-24</b> | <b>A case study on Planning and Management of Municipal Solid Waste Collection and Disposal of Raipur CG</b> |
| <b>11</b>    | <b>Virendra Yadu</b>  | <b>Mrs. Annu Agrawal</b>     | <b>2023-24</b> | <b>Study of Vegetation in Pt. Ravishankar Shukla University, Raipur CG</b>                                   |

**DISSERTATION YEAR 2022-23**

| <b>S,N.</b> | <b>STUDENTS NAME</b> | <b>Supervisor</b>       | <b>Co-Supervisor</b> | <b>Year</b> | <b>TITLE OF THESIS</b>  |
|-------------|----------------------|-------------------------|----------------------|-------------|---|
| 1           | Aishwarya Shukla     | Dr. Shobhana Ramteke    | -                    | 2022-23     | Fourier transform infrared spectroscopy (FTIR) spectral evaluation in chrysanthemum flower species                          |
| 2           | Bhanupriya Sahu      | Dr. Shobhana Ramteke    | -                    | 2022-23     | Physico-chemical analysis of different soft drinks brands available in Raipur, Chhattisgarh                                 |
| 3           | Chandrahas Sahu      | Mrs. Annu Agrawal       | -                    | 2022-23     | Environmental impact of rice mill effluent on sondhur and pairi river water, Dhamtari Chhattisgarh                          |
| 4           | Damini               | Mrs. Annu Agrawal       | -                    | 2022-23     | Study of physiochemical properties of organic and chemical based incense sticks   |
| 5           | Gayatri Sinha        | Mr. Domendra Dewangan   | -                    | 2022-23     | Study of physiochemical parameters of packaged drinking water   |
| 6           | Monika Sahu          | Mr. Domendra Dewangan   | -                    | 2022-23     | Assessment of ground water quality of Bhakhara block, Dhamtari, Chhattisgarh  |
| 7           | Nitin Kumar          | Mr. Sudheer Bhoi        | -                    | 2022-23     | Assessment of physiochemical parameter of pond water and pond water quality in Raipur district                              |
| 8           | Prachi Bhoi          | Mr. Sudheer Bhoi        | -                    | 2022-23     | Physio-chemical and bacteriological analysis of pond water in Raipur region   |
| 9           | Rahul Kumar          | Mr. Lokesh Kumar Sahu   | -                    | 2022-23     | Analysis of physiochemical parameters of ground water in Raipur   |
| 10          | Roshni Bajaj         | Mr. Lokesh Kumar Sahu   | -                    | 2022-23     | Urban Solid Waste Management issues and options with special reference to urban solid waste in Indoor,MP                    |
| 11          | Shivdatt Mishra      | Mr. Thakur Vikram Singh | -                    | 2022-23     | Remote sensing based monitoring of vegetation profile of Raipur district  |
| 12          | Vittala Aakanksha    | Mr. Thakur Vikram Singh | -                    | 2022-23     | Assessment of spatiotemporal changes in surface water bodies of central Chhattisgarh using remote sensing and GIS technique |

## DISSERTATION YEAR 2021-22

| S.N. | STUDENTS NAME        | Supervisor                  | Co-Supervisor           | Year    | TITLE OF THESIS   |
|------|----------------------|-----------------------------|-------------------------|---------|---|
| 1    | Aman Kumar Sahu      | Dr. Satendra Kumar Induriya | -                       | 2021-22 | Assessment of noise pollution in different area of dhamtari city  |
| 2    | Anjali Tamrakar      | Mr. Domendra Dewangan       | Dr. Samir bajpai        | 2021-22 | Spatial and Temporal Variation of Physico Chemical Parameters Assessment using Water Quality Index and Heavy Metal Pollution Index of Urban Ponds at Raipur Chhattisgrah, India |
| 3    | Chunendra Kashyap    | Mr. Pradeep Kumar Sahu      | -                       | 2021-22 | Groundwater quality status using water quality index in kurud town of dhamtari district (c.g.)  |
| 4    | Dikeshwar Kurre      | Miss. Annu Agrawal          | -                       | 2021-22 | Demonstration of low-cost vertical hydroponic system in agriculture   |
| 5    | Domesh Kumar Sahu    | Mr. Sagar Kumar Rajak       | -                       | 2021-22 | Physiochemical analysis of discharged waste water of selected industries in raipur  |
| 6    | Gopal Ram            | Mr. Domendra Dewangan       | Mr. Bhushan sahu (IGKV) | 2021-22 | Study of physic-chemical parameters in soil sample of kawardha region (c.g.)  |
| 7    | Gulshan Kumar Sinha  | Miss. Annu Agrawal          | -                       | 2021-22 | Assessment of physiochemical parameter of river water: " A study of shivnath river(c.g.)"   |
| 8    | Jagriti              | Mr. Sagar Kumar Rajak       | -                       | 2021-22 | Analysis of total nitrogen in agricultural waste water  |
| 9    | Jaideep Sahu         | Mr. Domendra Dewangan       | -                       | 2021-22 | A study on noise pollution in raipur region   |
| 10   | Keshar Verma         | Mr. Sudheer Bhoi            | -                       | 2021-22 | Monitoring the concentration of lead in industrial waste water of balodabazar district  |
| 11   | Pankaj Chelak        | Mr. Sudheer Bhoi            | -                       | 2021-22 | Assessment of physic-chemical parameters of pond water and pond water quality of Raipur district, chhattisgarh  |
| 12   | Praveen Chandrakar   | Mr. Sudheer Bhoi            | -                       | 2021-22 | Assessment of physic-chemical parameters of tap water and tap water quality of Raipur district, chhattisgarh  |
| 13   | Monika Sinha         | Miss. Annu Agrawal          | -                       | 2021-22 | Study of physic-chemical parameters in the ground water samples of supebeda, gariaband,2022   |
| 14   | Nancy Sing           | Mr. Pradeep Kumar Sahu      | -                       | 2021-22 | Ground water quality assessment of kondagaon  |
| 15   | Praveen kumar        | Mr. Domendra Dewangan       | -                       | 2021-22 | Groundwater quality assessment in Birgaon, district – Raipur , chhattisgarh   |
| 16   | Ritesh Sahu          | Mr. Domendra Dewangan       | -                       | 2021-22 | A comparative evaluation of noise level status in different zones of bhatapara region (c.g.)  |
| 17   | Romendra Kumar Verma | Mr. Sagar Kumar Rajak       | -                       | 2021-22 | Review on comparison of eia india and other countries   |
| 18   | Sakshi Tiwari        | Miss. Annu Agrawal          | Mr. Pradeep Kumar Sahu  | 2021-22 | "Presence of heavy metal (arsenic) in the ground water of supebeda, gariaband"  |
| 19   | Sanjdhya Khatri      | Mr. Sagar Kumar Rajak       | -                       | 2021-22 | physic-chemical and bacteriological investigation of pond water in Raipur city  |
| 20   | Yash Parhad          | Miss. Annu Agrawal          | -                       | 2021-22 | Comparative study of physic-chemical parameters of biodiesel produced from various waste edible oil   |

**DISSERTATION YEAR 2020-21**

| S,N. | STUDENTS NAME      | Supervisor                  | Co-Supervisor | Year    | TITLE OF THESIS  |
|------|--------------------|-----------------------------|---------------|---------|--|
| 1    | Bhupesh Bhoi       | Mr. Sagar Kumar Rajak       | -             | 2020-21 | A Review on Fluoride Contamination in Ground Water Sources in India and Chhattisgarh and its Impacts on Public Health. |
| 2    | Hema Sahu          | Mr. Shubham Dewangan        | -             | 2020-21 | A Review on Effect of Industrial Pollutants in Agriculture Soil of The Central Region of India                         |
| 3    | Mohanish Pushpkaar | Miss. Annu Agrawal          | -             | 2020-21 | Review on Arsenic Contamination in Ground Water of Chhattisgarh  |
| 4    | Nayantara Verma    | Mr. Sagar Kumar Rajak       | -             | 2020-21 | A Review of Analytical Studies Sources and Health Impacts of Particulate Matter in Ambient air of Chhattisgarh region. |
| 5    | Neelkamal Sahu     | Miss. Annu Agrawal          | -             | 2020-21 | A Review on Environmental Noise Pollution in Deferent areas of Raipur.   |
| 6    | Pragyesh Sahu      | Mr. Sudheer Bhoi            | -             | 2020-21 | Review work on Monitoring of Particulate Matter (pm10 & pm 2.5) in Central India Region.                               |
| 7    | Preeti Chandel     | Mr. Sagar Kumar Rajak       | -             | 2020-21 | Review of Analytical Study Source and Health Impact of SO2 and NO2 in Ambient Air of Chhattisgarh Region.              |
| 8    | Priyanka Mahilang  | Miss. Nidhi Yadav           | -             | 2020-21 | A Review on Quality and Standard of Irrigation Water Used in Agriculture in Chhattisgarh.                              |
| 9    | Sahdev Sahu        | Dr. Satendra Kumar Induriya | -             | 2020-21 | Review on E – Waste Management in India.   |
| 10   | Shivani Bani       | Mr. Sudheer Bhoi            | -             | 2020-21 | Traffic Related CO Pollution and Occupational Exposure in Raipur, India.   |
| 11   | Spreha Yadav       | Mr. Sagar Kumar Rajak       | -             | 2020-21 | Review work on Effluent Treatment Plant and their Impacts.   |

## DISSERTATION YEAR 2019-20

| S.N. | STUDENTS NAME          | Supervisor              | Co-Supervisor | Year    | TITLE OF THESIS   |
|------|------------------------|-------------------------|---------------|---------|---|
| 1    | Aakanksha Gupta        | Mr. Thakur Vikram Singh | -             | 2019-20 | Estimation of Aerosol Optical Depth over Janjgir - Champa District of Chhattisgarh State.   |
| 2    | Bhartendra Sahu        | Mr. Abhishek Nanda      | -             | 2019-20 | Irrigation Water Quality Assessment of Ground Water of Kurud ( C.G.).   |
| 3    | Bhumika Sahu           | Mr. Sagar Kumar Rajak   | -             | 2019-20 | The Determination of Physiochemical Properties of Public Transport Station Water Samples of Central Region (Raipur, Bilai etc. ) of Chhattisgarh State. |
| 4    | Deepika Pradhan        | Mr. Sagar Kumar Rajak   | -             | 2019-20 | Physiochemical Analysis of Bottled Drining Water.   |
| 5    | Lipika Patel           | Mr. Abhishek Nanda      | -             | 2019-20 | Ground Water Quality Assessment of Industrial Area Sarora, Raipur.  |
| 6    | Mamta patella          | Mr. Abhishek Nanda      | -             | 2019-20 | Irrigation Water Quality Assessment of Ponds of Arang Raipur.   |
| 7    | Namrata Sahu           | Dr. Shobhana Ramteke    | -             | 2019-20 | Heavy Metals Accumulation in Different Fruits and Vegetables.   |
| 8    | Pooja Mandal           | Mr. Sagar kumar rajak   | -             | 2019-20 | Surface Contamination in Ground Water of Birgaon Area, Raipur Chhattisgarh.   |
| 9    | Poornima Verma         | Dr. Shobhana Ramteke    | -             | 2019-20 | Assessment of Industrial Noise Pollution in The Raipur Region.  |
| 10   | Priyanka Sahu          | Dr. Shobhana Ramteke    | -             | 2019-20 | Emission of Carbon Monoxide From Traffic Vehicles of Raipur Region.   |
| 11   | Roshani Bang           | Mr. Thakur Vikram Singh | -             | 2019-20 | Estimation of Variations in Aerosol Optical Properties Over Dhamtari District Using MODerate Resolution Imaging Spectroradiometer.                      |
| 12   | Ruchita Thakur         | Mr. Abhishek Nanda      | -             | 2019-20 | Assessment of Ground Water Quality of Atal Nagar, Chhattisgarh.   |
| 13   | Soniya Dinkar          | Mr. Thakur Vikram Singh | -             | 2019-20 | MODIS Derived Aerosol Optical Depth Over Power Hub Korba of Chhattisgarh State.   |
| 14   | Srishti Tamrakar       | Mr. abhishek nanda      | -             | 2019-20 | Assessment of Ground Water Quality of Raipur City, Chhattisgarh.  |
| 15   | Sudheer Bhoi           | Mr. Sagar kumar rajak   | -             | 2019-20 | Determination of Total Dissolved Solids (TDS) of RO Purified Drinking Water Samples in Raipur District.   |
| 16   | Vibhuti Sahu           | Mr. Thakur Vikram Singh | -             | 2019-20 | Analysis of Aerosol Optical Depth Over Raipur District Using Satellite Remote Sensing.  |
| 17   | Vidheshwari Chandrakar | Mr. Abhishek nanda      | -             | 2019-20 | Assessment of Irrigation Water Quality of Ground Water of Mahasamund (C.G.).  |
| 18   | Vijaya Verma           | Dr. Shobhana Ramteke    | -             | 2019-20 | Distribution and Monitoring of Indoor Particulate Matter pm10, pm10-2.5, CO and CO2 During Burning of Dhoop Samples.                                    |

## DISSERTATION YEAR 2018-19

| S,N. | STUDENTS NAME      | Supervisor                   | Co-Supervisor | Year    | TITLE OF THESIS   |
|------|--------------------|------------------------------|---------------|---------|---|
| 1    | Shraddha Sahu      | Mr. suryakant<br>chakradhari | -             | 2018-19 | Estimation of Polyphenolic Compound extraction from various seed coats.   |
| 2    | Nidhi Yadav        | Mr. Sagar kumar rajak        | -             | 2018-19 | Analytical determination of Fenvalerate compound by Spectrophotometric method in environmental samples  |
| 3    | Khushbu Sinha      | Mr. Sagar kumar rajak        | -             | 2018-19 | Analytical Determination of deltamethrin compound by spectrophotometric method in environmental samples.  |
| 4    | Eshwar Sahu        | Dr. bharatlal sahu           | -             | 2018-19 | Estimation of total tannin and flavonoid content in selected medical plants   |
| 5    | Sushma Majumdar    | Mr. Sagar kumar rajak        | -             | 2018-19 | Spectrophotometric determination of glyphosate with p- dimethyl amino benzaldehyde in environmental samples                                       |
| 6    | Radhika Dwarakadas | Dr. bharatlal sahu           | -             | 2018-19 | Phytoconstituent studies in common fruit wastes   |
| 7    | Puja Sahu          | Mr. Sagar kumar rajak        | -             | 2018-19 | Analytical Determination of Cymoxanil Compound by Spectrophotometric Method in Environmental Samples  |
| 8    | Anshu Kashyap      | Dr. bharatlal sahu           | -             | 2018-19 | Qualitative and quantitative analysis of phytochemicals in selected chrysanthemum species.  |
| 9    | Himani Joshi       | Mr. suryakant<br>chakradhari | -             | 2018-19 | Quantification of total tannin and flavonoid content of tageses erecta flower.  |
| 1    | Dileshwari         | Mr. suryakant<br>chakradhari | -             | 2018-19 | Determination of total phenol tannin and flavonoid in selected hibiscus species.  |
| 11   | Naushin Jahan      | Mr. suryakant<br>chakradhari | -             | 2018-19 | Estimation of Total Phenol Tannin and Flavonoid in Selected six Rose Species.   |
| 12   | Pradeep Kumar Sahu | Mr. suryakant<br>chakradhari | -             | 2018-19 | Estimation of total phenol and flavonoids in medicinal plant leaves   |
| 13   | Monika Sahu        | Dr. bharatlal sahu           | -             | 2018-19 | Qualitative and quantitative analysis of polyphenols and flavonoids in five tree and herb seed pods   |
| 14   | Nikita Shraogi     | Dr. bharatlal sahu           | -             | 2018-19 | Comparative analysis of total phenolic and flavonoid content in different Dahlia plant species, Pt. Ravishankar Shukla University, Raipur, (C.G.) |
| 15   | Domendra Dewangan  | Mr. Sagar kumar rajak        | -             | 2018-19 | Analytical determination of kitazin compound by spectrophotometric method in environmental samples.   |

**DISSERTATION YEAR 2017-18**

| S,N. | STUDENTS NAME             | Supervisor                   | Co-Supervisor | Year    | TITLE OF THESIS  |
|------|---------------------------|------------------------------|---------------|---------|--|
| 1    | Bhavesh Pandey            | Miss. Meeteshwari shakar     | -             | 2017-18 | Assessment of pollution by physicochemical water parameters and statistical analysis: a study of kharun river (c.g.)   |
| 2    | Dikeshwari                | Mr. ankit yadav              | -             | 2017-18 | Fluoride pollution in groundwater of dhamtari block, dhamtari, chhattisgarh  |
| 3    | Jeevendra kumar<br>gendre | Miss. Meeteshwari shakar     | -             | 2017-18 | Characteristics of water soluble ionic species associated with pm10 and pm10-2.5 particle in the ambient air of dharsiwa block , Raipur (c.g.)                                     |
| 4    | Kabita Ray                | Mr. suryakant<br>chakradhari | -             | 2017-18 | Studies on physical properties of common available acacia and albizzia species seeds in (7 taxa)   |
| 5    | Manisha mishra            | Mr. ankit yadav              | -             | 2017-18 | Geochemical appraisal of fluoride contamination of groundwater in the khairagarh block , rajnandgaon district, chhattisgarh  |
| 6    | Mansi behera              | Mr. ankit yadav              | -             | 2017-18 | Evaluation of fluoride content and water quality assessment with reference to agriculture and drinking purposes in ground water of chhuikhadan block                               |
| 7    | Megha Verma               | Mr. suryakant<br>chakradhari | -             | 2017-18 | Characterization and estimation of calorific value of wood dust and seed powder of selected biomass species  |
| 8    | Mini Nirmalkar            | Mr. suryakant<br>chakradhari | -             | 2017-18 | Morphological variation of common available in tree seeds  |
| 9    | Mohit Kumar               | Miss. Meeteshwari shakar     | -             | 2017-18 | A comparative evaluation of surface water quality and ground water quality by physic-chemical water parameters of dharsiwa block (c.g.)  |
| 10   | Nivedita Kanungo          | Miss. Annu agrawal           | -             | 2017-18 | Fluoride pollution in groundwater of pithora block, mahasamunddistrict, chhattisgarh   |
| 11   | Rinku Chandak             | Miss. Meeteshwari shakar     | -             | 2017-18 | Comparative analysis of fluoride pollution in surface soil and rhizospheric soil of siltara and urla industrial area of Raipur (c.g.)  |
| 12   | Swati verma               | Miss. Meeteshwari shakar     | -             | 2017-18 | A comparative evaluation of noise level status in different zones of raipur chhattisgarh   |
| 13   | Tulika Sahu               | Miss. Annu agrawal           | -             | 2017-18 | Fluoride contamination in groundwater of gundardehi block, balod district, chhattisgarh  |
| 14   | Thakur Vikram Singh       | Miss. Annu agrawal           | -             | 2017-18 | Physicochemical characteristics of kharun river water and its comparison to nearby underground water and assessment of their suitability for their drinking and irrigation purpose |

**DISSERTATION YEAR 2016-17**

| <b>S,N.</b> | <b>STUDENTS NAME</b> | <b>Supervisor</b>         | <b>Co-Supervisor</b> | <b>Year</b> | <b>TITLE OF THESIS</b>  |
|-------------|----------------------|---------------------------|----------------------|-------------|---|
| 1           | Abhishek Nanda       | Dr. Bharat Lal Sahu       | -                    | 2016-17     |   |
| 2           | Damini Patel         | Mr. Pravin kumar sahu     | -                    | 2016-17     | Analysis of physical and chemical parameter of plant ash            |
| 3           | Divya                | Dr. Bharat Lal Sahu       | -                    | 2016-17     |   |
| 4           | Janak Ram Nishad     | Mr. Suryakant chakradhari | -                    | 2016-17     |   |
| 5           | Kumkum Chandrawanshi | Dr. Bharat Lal Sahu       | -                    | 2016-17     |   |
| 6           | Manish Kumar         | Mr. Pravin kumar sahu     | -                    | 2016-17     | Analysis of sulphate ion in wood and vegetable ash                  |
| 7           | Manoj Kumar Manhare  | Mr. Suryakant chakradhari | -                    | 2016-17     |   |
| 8           | Monika Verma         | Mr. Suryakant chakradhari | -                    | 2016-17     | Studies on fluoride content in wood ash                             |
| 9           | Namonarayan          |                           | -                    | 2016-17     | Bioplastic-the plastic of future                                    |
| 10          | Neha Choubey         | Dr. Bharat Lal Sahu       | -                    | 2016-17     |   |
| 11          | Shubham              | Mr. Suryakant chakradhari | -                    | 2016-17     | Studies on physic-chemical property of wood ash                     |
| 12          | Subham Dewangan      | Mr. Pravin kumar sahu     | -                    | 2016-17     | Characterization of sodium and potassium content in vegetable ash   |
| 13          | Swati Verma          | Dr. Bharat Lal Sahu       | -                    | 2016-17     |   |
| 14          | Tarini Dewangan      | Mr. Suryakant chakradhari | -                    | 2016-17     | chloride content in wood ash  |
| 15          | Tejendra Kumar       | Dr. Alka panda            | -                    | 2016-17     | Agriculture waste:- a potential source of alternate energy in india |

**DISSERTATION YEAR 2015-16**

| <b>S.N.</b> | <b>STUDENTS NAME</b> | <b>Supervisor</b> | <b>Co-Supervisor</b> | <b>Year</b> | <b>TITLE OF THESIS</b>   |
|-------------|----------------------|-------------------|----------------------|-------------|--|
| 1           | Aafreen Naz Quraishi | Prof. K.S. Patel  | -                    | 2015-16     | “Combustion characteristics of industrial sludge in bhilai area, Chhattisgarh” |
| 2           | Anita Tirkey         | Prof. K.S. Patel  | -                    | 2015-16     | Combustion characteristics of flowering plants                                 |
| 3           | Annu Agrawal         | Prof. K.S. Patel  | -                    | 2015-16     | Calorific value of edible and non-edible oil                                   |
| 4           | Chitrakala Sahu      | Prof. K.S. Patel  | -                    | 2015-16     | Combustion characteristics of pulses husk                                      |
| 5           | Chudamani Bag        | Prof. K.S. Patel  | -                    | 2015-16     | Combustion characteristics of wild seeds                                       |
| 6           | Hemlata              | Prof. K.S. Patel  | -                    | 2015-16     | Combustion characteristics of shrubs plant                                     |
| 7           | Manisha Choudhary    | Prof. K.S. Patel  | -                    | 2015-16     | Combustion characteristics of vegetable waste                                  |
| 8           | Minakshi Sahu        | Prof. K.S. Patel  | -                    | 2015-16     | Combustion characteristics of pulses and edible oil seeds                      |
| 9           | Namrata Verma        | Prof. K.S. Patel  | -                    | 2015-16     | Combustion characteristics of herbs  |
| 10          | Sagar Kumar Rajak    | Prof. K.S. Patel  | -                    | 2015-16     | Sulfate pollution in pond water of bemetara area, chhattisgarh                 |
| 11          | Satendra Dewangan    | Prof. K.S. Patel  | -                    | 2015-16     | Combustion characteristics of animal manures                                   |
| 12          | Vijendra Kumar Sahu  | Prof. K.S. Patel  | -                    | 2015-16     | Combustion characteristics of algae  |
| 13          | Tukeshawari          | Prof. K.S. Patel  | -                    | 2015-16     | Combustion characteristics of tree woods                                       |

**DISSERTATION YEAR 2014-15**

| S.N. | STUDENTS NAME         | Supervisor       | Co-Supervisor | Year    | TITLE OF THESIS  |
|------|-----------------------|------------------|---------------|---------|--|
| 1    | Chhabeela Sahu        | Prof. K.S. Patel | -             | 2014-15 | Characterization of soil sample in korba area                          |
| 2    | Gangotari Verma       | Prof. K.S. Patel | -             | 2014-15 | “Characterization of water soluble ions in mosquito coil”              |
| 3    | Gopika Sahu           | Prof. K.S. Patel | -             | 2014-15 | Fluoride pollution in roof dust of korba city                          |
| 4    | K. Amrita Rao         | Prof. K.S. Patel | -             | 2014-15 | “Determination of water soluble ions in mosquito coil aerosol”         |
| 5    | Kiran Sahu            | Prof. K.S. Patel | -             | 2014-15 | Contamination of soil sample in korba area                             |
| 6    | Mamta Yadu            | Prof. K.S. Patel | -             | 2014-15 | Fluoride contamination in compost of rajnandgaon area                  |
| 7    | Manisha sahu          | Prof. K.S. Patel | -             | 2014-15 | Fluoride pollution of compost in rajnandgaon city, chhattisgarh, india |
| 8    | Meeteshawari Shakar   | Prof. K.S. Patel | -             | 2014-15 |  |
| 9    | Pravin Kumar Sahu     | Prof. K.S. Patel | -             | 2014-15 | Contamination of pond water of raipur                                  |
| 10   | Preeti                | Prof. K.S. Patel | -             | 2014-15 | “Characterization of water soluble ions in stool ash”                  |
| 11   | Prem Chand Baghel     | Prof. K.S. Patel | -             | 2014-15 | Municipal waste water quality of raipur city                           |
| 12   | Sandhya Verma         | Prof. K.S. Patel | -             | 2014-15 | “Characterization of water soluble ions in mosquito coil”              |
| 13   | Sarita Karsayal       | Prof. K.S. Patel | -             | 2014-15 | Surface water quality of suburban area of Raipur city                  |
| 14   | Shashikala Bhagat     | Prof. K.S. Patel | -             | 2014-15 | Determination of stool samples in korba area                           |
| 15   | Shivangi Gupta        | Prof. K.S. Patel | -             | 2014-15 | Pond water studies in Raipur city                                      |
| 16   | Sunita Chandra        | Prof. K.S. Patel | -             | 2014-15 | Stool analysis of korba area   |
| 17   | Suryakant Chakradhari | Prof. K.S. Patel | -             | 2014-15 | Contamination of sewage water of Raipur city                           |
| 18   | Tikeshwari Sahu       | Prof. K.S. Patel | -             | 2014-15 | Fluoride pollution of sediment in korba area                           |

**DISSERTATION YEAR 2013-14**

| S.N. | STUDENTS NAME            | Supervisor       | Co-Supervisor | Year    | TITLE OF THESIS  |
|------|--------------------------|------------------|---------------|---------|--|
| 1    | Abhishek Kumar Das       | Prof. K.S. Patel | -             | 2013-14 |  |
| 2    | Akanksha Mishra          | Prof. K.S. Patel | -             | 2013-14 | Study of road traffic noise in Raipur city   |
| 3    | Ankit Yadav              | Prof. K.S. Patel | -             | 2013-14 |  |
| 4    | Arti Dewangan            | Prof. K.S. Patel | -             | 2013-14 | Investigation of fluoride contamination in groundwater of katghora area  |
| 5    | Chandrashekhar Sahu      | Prof. K.S. Patel | -             | 2013-14 |  |
| 6    | Chandrika Verma          | Prof. K.S. Patel | -             | 2013-14 |  |
| 7    | Deepak Edmand Mins       | Prof. K.S. Patel | -             | 2013-14 |  |
| 8    | Hemin Sahu               | Prof. K.S. Patel | -             | 2013-14 | Monitoring of traffic noise on the central part of raipur  |
| 9    | Hitendra Kumar           | Prof. K.S. Patel | -             | 2013-14 | Traffics noise pollution of durg city  |
| 10   | Kameshwari Banjare       | Prof. K.S. Patel | -             | 2013-14 |  |
| 11   | Keshaw Prakash           | Prof. K.S. Patel | -             | 2013-14 | Groundwater quality in rural area of saraipali   |
| 12   | Mayank Singh             | Prof. K.S. Patel | -             | 2013-14 |  |
| 13   | Monika Sahu              | Prof. K.S. Patel | -             | 2013-14 | Noise pollution near railway station traffics of raipur  |
| 14   | Pokhraj Sahu             | Prof. K.S. Patel | -             | 2013-14 | Study the distribution of pm10 level in outdoor and indoor environment of transport-cum-residential places at raipur |
| 15   | Pooja Sahu               | Prof. K.S. Patel | -             | 2013-14 |  |
| 16   | Sarita Sinha             | Prof. K.S. Patel | -             | 2013-14 |  |
| 17   | Sonal Sharma             | Prof. K.S. Patel | -             | 2013-14 |  |
| 18   | Suman Chandravanshi      | Prof. K.S. Patel | -             | 2013-14 |  |
| 19   | Swati Goswami            | Prof. K.S. Patel | -             | 2013-14 |  |
| 20   | Tikeshwari Das Manikpuri | Prof. K.S. Patel | -             | 2013-14 |  |

**DISSERTATION YEAR 2011-13**

| S,N. | STUDENTS NAME          | Supervisor        | Co-Supervisor | Year    | TITLE OF THESIS  |
|------|------------------------|-------------------|---------------|---------|--|
| 1    | Anjali Bhagat          | Dr. Shamsh pervez |               | 2011-13 | Study of temporal variation in residential indoor air pm10 of Raipur city during 2010-12                                     |
| 2    | Bipasha Paul           | Prof. K.S. Patel  |               | 2011-13 | Segregation of particulate matter released from vehicles   |
| 3    | Chandinee Pradhan      | Prof. S. k. sahu  |               | 2011-13 | Tsp, rpm ,so2 & nox level in air at sambalpur university campus in a pre-summer day  |
| 4    | Deepak Kumar           | Prof. K.S. Patel  |               | 2011-13 | Distribution of incense particulates in indoor air   |
| 5    | Dumendra Kumar Barla   |                   |               | 2011-13 | Not submitted  |
| 6    | Mohammed Askari        | Prof. K.S. Patel  |               | 2011-13 | Segregation of solid fuel particulates in indoor air   |
| 7    | Neelu Sahu             | Dr. M.L. Satnami  |               | 2011-13 | Aerobic treatment of waste water and aerobic treatment units   |
| 8    | Neeraj Dixit           | Prof. K.S. Patel  |               | 2011-13 | Segregation of kerosene respirable particulate matters   |
| 9    | Preeti Choure          | Dr. M.L. Satnami  |               | 2011-13 | Solid waste management   |
| 10   | Rashmi Mishra          | Prof. K.S. Patel  |               | 2011-13 | Distribution of mosquito coils particulates in indoor air  |
| 11   | Sharda Pandey          | Prof. K.K. Ghosh  |               | 2011-13 | Study of physicochemical properties of some surfactants and their role in solubilization of polycyclic aromatic hydrocarbons |
| 12   | Shobhana Ramteke       | Prof. K.S. Patel  |               | 2011-13 | Characterization of arsenic and other heavy metals in rhizospheric soil and plant  |
| 13   | Shubham Verma          | Prof. M.K. Deb    |               | 2011-13 | Review on water for health: drinking water in rural and urban area of chhattisgarh   |
| 14   | Suchitra Roy Chowdhary | Dr. M.K. Rai      |               | 2011-13 | Review on renewable energy sources in Chhattisgarh   |
| 15   | Sushama Kashyap        | Dr. M.L. Satnami  |               | 2011-13 | Disaster management in Bhopal gas tragedy 1984   |