

**Ph.D Scholar**  
**Department of Environmental Sciences**

STUDENT NAME	REG. NO.	YEAR OF ADMISSION	SUPERVISOR	Ph. D TITLE	STATUS
Smiriti Priya	CUJ/P/2013/PHDEVS/001	2013	Prof. Manoj Kumar	Characterization & effect of Aerosol Radiative properties over mining region of Jharkhand	Ongoing
Poulomi Chakravarty	CUJ/P/2014/PHDEVS/001	2014	Prof. Manoj Kumar	Modeling of land surface atmosphere transfer interation during pre-monsoon thunderstorm activity using remote sensing GIS tools and PBL Model	Degree Awarded
Dipesh Kumar	CUJ/P/2014/PHDEVS/002	2014	Dr. Bhaskar Singh	Development of Biodiesel from Karahja oil using Novel Heterogeneous catalysts and improvement of its fuel properties	Degree Awarded
Shashank Shree	CUJ/P/2015/PHDEVS/001	2015	Prof. Manoj Kumar	Hydrological Modeling of land surface process over Subarnarekha river basin, Jharkhand , India	Ongoing
Priyanka Bharti	CUJ/P/2015/PHDEVS/002	2015	Dr. Bhaskar Singh	Development of biodiesel from non-edible feedstock using nanocatalysts	Admission Withdrawn
Rahul Kumar	CUJ/P/2015/PHDEVS/003	2015	Dr. Purabi Saikia	Floristic Analysis of Sal Forests within Different Watershed of Ranchi, Jharkhand, Eastern India	Degree Awarded
Nisha	CUJ/P/2016/PHDEVS/001	2016	Dr. Kuldeep Bauddh	Phytoremediation	Admission Withdrawn
Rupam Bharti	CUJ/P/2016/PHDEVS/002	2016	Dr. Bhaskar Singh	Synthesis of Biodiesel from waste cooking oil using heterogeneous catalyst	Degree Awarded
Jyoti Mehta	CUJ/P/2017/PHDEVS/002	2017	Dr. Kuldeep Bauddh	Phytoremediation of metal nano-particles from the contaminated water body by using aquatic macrophytes.	Ongoing
Sweta	CUJ/P/2017/PHDEVS/01	2017	Dr. Bhaskar Singh	Development of health risk index by assessing heavy metals in soil, water and vegetables cultivated in the Subarnarekha	Ongoing

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				river basin of Ranchi, India	
Ankit	18270201001	2018	Dr. Kuldeep Baudhh	Suitability of industrial effluent for irrigating bio-energy plant Ricinus communis (castor bean) and removal of heavy metals from industrial effluent.	Ongoing
Khushboo Gupta	18270201002	2018	Dr. Nirmali Bordoloi	Assessment of Soil Quality Management and Carbon Sequestration Under Wheat-Maize Based Cropping System in Eastern India•	Ongoing
Laha Saha	18270201003	2018	Dr. Kuldeep Baudhh	Phytomanagement of mine soil of Jharkhand, India by using Castor bean (Ricinus communis).	Ongoing
Rima Kumari	18270201004	2018	Dr. Purabi Saikia	Biomass estimation, carbon sequestration potential and tree diversity of urban and peri-urban vegetations of Ranchi, Jharkhand	Admission Withdrawn
Khushbu Kumari	19270201001	2019	Dr. Kuldeep Baudhh	Phytorestoration of bauxite mine spoiled soil of Lohardaga district, Jharkhand, India using Jatropha carcus and chrysopogon zizanioides	Ongoing
Raushan Kumar	19270201002	2019	Dr. Nirmali Bordoloi	Mitigation of nitrous oxide (N <sub>2</sub> O) emission from rice-wheat cropping system through integrated management practices.	Ongoing
Varsha Goswami	19270201003	2019	Dr. Manoj Kumar	Study on the Transport and Mixing of Dust Aerosols and selected gaseous pollutants over mining region of Eastern part of India	Ongoing
Josna Murmu	19270201004	2019	Dr. Manoj Kumar	Development and validation of land surface coupled soil plant atmospheric process over table top chota Nagpur	Ongoing

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				plateau region.	
Shahrukh Nawaj Alam	19270201005	2019	Dr. Bhaskar Singh	Development of aquatic weed biomass valorization process for biodiesel production with biochar and bio-oil as co-products	Ongoing
Akash Nag	19270201006	2019	Dr. Purabi Saikia	Population and distribution on mapping of cordia macleodi iHook in eastern and central India using ecological niche modelling	Admission Withdrawn
Santosh Kumar	19270201007	2019	Dr. Purabi Saikia	NA	Admission Withdrawn
Neha Dwivedi	20270201003	2020	Dr. Manoj Kumar	Climate change impact assessment on Hydrology of Sankh river basin of Jharkhand using SWAT and Three scenarios of CMIP6 GCMs	Ongoing
Ankit Abhilash Swain	20270201001	2020	Dr. Manoj Kumar	Assessment and modeling study of the air quality index and its impact on agricultural ecosystem in the industrial corridor of Ranchi, Jharkhand	Ongoing
Zaira Khalid	20270201007	2020	Dr. Bhaskar Singh	Treatment of wastewater using mosses and development of prototype for commercial applications	Ongoing
Pawan Ekka	20270201004	2020	Dr. Purabi Saikia	Plant community analysis along an urbanization gradient from cities to natural forest in Eastern India.	Ongoing
Shilky	20270201005	2020	Dr. Purabi Saikia	Ecological Assessment of Urban Green Spaces of Delhi and their Role in Maintenance of Plant Diversity, Pollution Mitigation, and Carbon Sequestration	Ongoing

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Bipradeep Mondal	20270201002	2020	Dr. Nirmali Bordoloi	Biochar production and application for sustainable carbon sequestration and crop production in Eastern India, Jharkhand.	Ongoing
Subhashree Patra	20270201006	2020	Dr. Purabi Saikia	Disturbance impacts on vegetation dynamics in Palamau Tiger Reserve, Eastern India.	Ongoing
Akshay Kumar Singh	20320201001	2020	Dr. Sushil Kumar Shukla	Assesment of roadside vegetation and its role in reducing pollutants load for green belt development in Jharkhand, India	Ongoing
Jatin Kumar Choudhary	23270201001	2023	Dr. Sushil Kumar Shukla	Course Work going on	Ongoing