

CHATRABHUJ

Research Scholar

Department of Civil Engineering

School of Studies in Engineering & Technology

Guru Ghasidas Vishwavidyalaya

Koni, Bilaspur- 495009

Ph.no. - +91 9318355564

Email: [chatrabhuj513@gmail.com](mailto:chatrabhuj513@gmail.com)

Orchid- 0000-0001-5179-3248



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**Research Area/ Expertise-** Soil stabilization, Geosynthetics, Geoenvironmental, Sustainable Development

**Education**

- Ph. D. (Pursuing)
- M.Tech (Geotechnical and Geoenvironmental Engineering) KNIT, Sultanpur  
With Honors
- B.Tech (Civil Engineering) BIT, Gorakhpur

**Publications -**

- 1- Chatrabhuj, U.K. Maheshwari. Experimental Investigation of Different Type of Soils with Addition of Geofibers. Journal of Geotechnical Engineering. 2021; 8(2): 13–20p.
- 2- Chatrabhuj, U.K. Maheshwari, “Stabilization of soil by use of geomembrane and geofibers”, International Research Journal of Engineering and Technology, Volume: 07 Issue: 09, Sep 2020 p-ISSN: 2395-0072, e-ISSN: 2395-0056

**International Conference**

- 1- Chatrabhuj, Kundan Meshram, “An empirical study on machine learning based process for continuous sustainable growth development for land use pattern, Civil Engineering Trends and Challenges for Sustainability CTCS-2022, 22-23 Dec 2022.
- 2- Chatrabhuj, Kundan Meshram, “An Overview of bio-inspired and deep learning model for extraction of land use pattern” 6<sup>th</sup> International Conference, ISCON- 2023, 3 March 2023.
- 3- Onkar Nath Mishra, Chatrabhuj, Bipin Prajapati, “Experimental Analysis of California Bearing ratio of Soil with Addition of Processed E-waste” 2<sup>nd</sup> International Conference on Sustainable materials and Practices for Built environment SMPBE-2023, 19-20 Jan 2023.

### **Seminars, workshops, webinars attended**

- 1- Literature search and reference management using Scopus and Mendeley, by Guru Ghasidas Vishwavidyalaya, Bilaspur on 17 Jan 2022
- 2- Intellectual property awareness mission, by intellectual property office and MoE's Innovation Cell, India on 29 April 2022
- 3- Funding Opportunities for Research Innovation & Technology Transfer by Research & Development Cell GGV, Bilaspur on 11 March 2022

### **STTP/FDP attended**

- 1- Application of Artificial Intelligence and Machine learning in Civil Engineering by Indian Geotechnical Society & R.V.R College of Engineering, Chowdavaram, Guntur, from 27-10-22 to 25-11-22
- 2- Application of Artificial Intelligence and Machine Learning in Civil Engineering, by Department of Civil Engineering, VIT, Andhra Pradesh, India on 24-11-2022 to 29-11-2022

### **Training**

- 1- Diesel Locomotive Works, Varanasi, from 9-6-2015 to 20-7-2015

### **Personal Profile**

Name : Chatrabhuj

Date of Birth : 17-02-1995

Father Name : Ramchandra Prasad

Contact No : 9318355564

Permanent Address: S/o Ramchandra Prasad, Vill- Bahorwa, post- Padari Bazar, Dist- Deoria, Uttar Pradesh, pin- 274001