

## **Dr. Shrinarayan Yadav**

Assistant Professor(G-II)

**Education:** B.Tech (Civil Engineering) M.Tech (Geotechnical Engineering), Ph.D.

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**Areas of Interest:** Soil Contamination, Soil Stabilization.

### **Brief Profile:**

Dr. Shrinarayan Yadav is currently an Assistant Professor in the Department of Civil Engineering and completed his Ph.D from Jaypee University of Engineering and Technology, Guna in 2024. The main area of his research work was “Analytical and Experimental Studies of Jointed Rock Mass at Different Footing Positions”. He completed his M.Tech in Geotechnical Engineering from Indian Institute of Technology (BHU) Varanasi, in 2013. He did his B.Tech in Civil Engineering from Muzaffarpur Institute of Technology, Muzaffarpur (Bihar) in 2011.

He joined Jaypee University of Engineering and Technology, Guna as an Assistant professor (G-I) in the Department of Civil Engineering in July 2015. Before that he worked as an Assistant Professor in Galgotiyas University Greater Noida (Uttar Pradesh) for one and half years. He has guided several undergraduate and graduate students for their research based project works. He has published several research papers in referred Journals and conferences at International and National level including SCI and Scopus indexed journals.

### **Certificate / Refresher Courses:**

1. Two-Week Online Refresher Course on "Materials for Energy and Sustainability", held from November 4–18, 2024, organized by MM-TTC, CS2-IISER Bhopal.
2. Four-week Certificate course on “Mastering bitumen for better roads and innovative applications” on Coursera.
3. Four-week Certificate course on “Renewable Energy and Green Building Entrepreneurship” on Coursera.
4. Six-week Certificate course on “International migrations: a global issue” on Coursera.
5. Online Training Programme on “ECBC Rules and Compliance Procedure” held from 22 nd – 23 rd August 2023 conducted by Andhra Pradesh State Energy Conservation Mission (APSECM) and funded by Bureau of Energy Efficiency (BEE).
6. 6. Online Training Programme on “Energy Simulation” held from 8 th - 9 th August 2023 conducted by Andhra Pradesh State Energy Conservation Mission (APSECM) and funded by Bureau of Energy Efficiency (BEE).

### **Short Term Programs / Workshops Attended:**

1. One Week TEQIP - Online Faculty Development Program on “Sustainable Environment- An Engineering Perspective (SEEP: 2024)” from 08 th - 13 th January 2024 organized by Assam Engineering College Jalukbari, Guwahati.
2. “NEP 2020 Orientation & Sensitization” Programme under (MM-TTP) of University Grants Commission (UGC) from 16 th - 27 th December 2023 organized by Malaviya Mission Teacher Training Centre, Devi Ahilya Vishwavidyalaya, Indore (M.P).

3. One week workshop on "National Higher Education Qualification Framework in Context of NEP 2020", held during 10 th – 15 th July 2023 organized by Jaypee University of Engineering & Technology, Raghogarh, Guna (M.P.).
4. One Week Workshop on "NAAC Assessment and Accreditation (A & A) process" held during 25 th – 29 th July 2022 organized by Jaypee University of Engineering & Technology, Raghogarh, Guna (M.P.).
5. Five-day Faculty Development Program on “Materials for Sustainability of Transportation Infrastructure” (MSTI-2022), held from 1 th – 5 th Feb 2022 at Vivekananda Institute of Technology, Jaipur.

### **Publication@JUET**

[Publication details google profile link](#)

[1] Yadav S., Shukla D.K., “Strength behavior of jointed rock mass at the crown of the slope”, International Journal of Civil Engineering, Vol. 21, pp. 1769–1782, Jun 2023. DOI: <https://doi.org/10.1007/s40999-023-00848-y>

[2] Yadav S., Shukla D.K., “Strength of rock mass near the crown with inconsistent slope angle”, Indian Geotechnical Journal, Vol. 54, pp. 2335–2351, Feb 2024. DOI: <https://doi.org/10.1007/s40098-024-00872-2>

[3] Jain D., Tripathi A., Kushwaha H., Verma A., Yadav S.N., “A study on futuristic intelligent transportation systems & smart technologies in urban areas: a review”, i-manager's Journal on Civil Engineering, Vol. 12, No. 1, Feb 2022.

### **International conference:**

1. “Load carrying capacity of jointed sandstone at variable side slope”, International Conference on Sustainable Experimentation and Modeling in Civil Engineering (SEMCE-2023), August 10-11, 2023.