

Biosketch

Faculty Name: Avinash Kr.
Upadhyay



Areas of Interest:

Advanced Structure, Bridge Design, Soil Mechanics, Reinforcement Cement Concrete

Education

- M.Tech, Institute of Engineering and Technology , Lucknow
- B.Tech, Shri Ramswaroop College Of Engineering and Management, Lucknow

Academic/Industrial Experience

1. Worked as a Assistant Professor in Shri Ramswaroop Memorial University, Lucknow

Selected Publications

1. **“Strength and Micro structural behavior of manufacturing sand by replacing natural sand”**,2019 *JETIR June 2019, Volume 6, Issue 6*
2. **“An Analytical and Experimental Study of Well Foundation”**, *Proceedings of ASAR International Conference, 10th September, 2020, Puducherry, India*
3. **“Sustainable Option of Foundation for Minor Bridges Over Small River”**,*Proceedings of ieeeforum International Conference, 11th September, 2020, Udupi, India*
4. **“Study and Analysis of Well Foundation and Pile Foundation for Minor Bridges over Small River”**,*Proceedings of IRAJ International Conference, 09th August, 2020, Mumbai, India*
5. **“Study of Foundations for Minor Bridge over Small River”**,*Journal of Civil Engineering and Environmental Technology: Volume 7, Issue 2; April-June 2020, pp. 185-187*

Other Details:

- Associate member of Institute of Engineers(India)
- Member of Council of Engineers and Valuers (CEV) IAF RVO under the Insolvency and Bankruptcy Board of India.
- Best B.Tech Project award of the college,2015
- I have done Project work on the topic **“Impact Analysis of LUCKNOW METRO”**
- I have done Thesis work on the topic **“Study of Well Foundation and Pile Foundation for Medium Bridges Over Small River”**
- Presented a seminar on Designing of Steel Structural Bridges.
- A one week webinar series on Different topics of Civil Engineering organized by Department of Civil Engineering, IET, Lucknow from 14 to 19 December,2020
- Completed, 8 Week online Course on **“ Geotechnical Engineering Lab”** organized by NPTEL,IIT Madras

- A online webinar on ‘ Suitability of Foundations for Medium Bridges over Small River’ in SRMU, Lucknow on 29 November 2020
- Participated in one week Online Short term course organized by MepcoSchlenk Engineering College on the topic “Structural Life Assessment and Failure Diagnosis held on 12 to 17 October,2020
- Participated in the Webinar on the topic “ Utilization of polyester Fiber for Improved properties of Concrete” organised by Department of Civil Engineering, Girijabai Sail Institute of Technology(Karwar) on 2nd August 2020.
- Participated in Online Faculty Development Programme on the topic ““ICT Enabled Tools for Effective Teaching - Learning - Examination Processes in Higher Education" in SRMU on 16 to 20 June 2020.
- Participated in the three days online workshop on the topic “Current development in Civil Engineering: Need for sustainable Designs organized by Lingayas Institute of Management and Technology (Vijayawada) held during 8 to 10 june 2020.
- Participated in the Webinar on 30 may on the topic “Recent Advances in Civil Engineering organized by Rajkiya Engineering College Kannauj.
- Member of theDeep Foundations Institute through December 31, 2020
- Participated in short term course on “Introduction to Non-Linear Finite Element Method” conducted by **IIT Kanpur** from January 15-19, 2020.