

## Biosketch

Faculty Name: Dr. Lav Kush Kumar



### Areas of Interest:

Applied Mathematics

### Education

- Ph. D. (Mathematics), University of Lucknow, Lucknow, U. P., India.
- M. Sc. (Mathematics), C. S. J. M. University, Kanpur, U. P., India.
- B. Sc., University of Lucknow, Lucknow, U. P., India.

### Academic/Industrial Experience

1. Assistant Professor, Department of Mathematics, BHJNTM, Lucknow, 2016-Present.
2. Assistant Professor, Department of Mathematics, BHJNHIT, Lucknow, 2014-2016.

### Selected Publications

1. J. Roy, L. K. Kumar, V. Yadav and R. R. Yadav, 2021 "Two-Dimensional Solute Transport in a Semi-Infinite Porous Medium with Variable Dispersion and Groundwater Velocity", *International Journal of Scientific Research in Mathematical and Statistical Sciences*, Vol. 8(2), pp. 20-48.
2. R. R. Yadav and L. K. Kumar, 2020 "Two-Dimensional Solute Transport with Multiple Point Sources in Semi-Infinite Porous Media", *Tecnica Italiana-Indian Journal of Engineering Science*, Vol. 64, No. 1, pp. 109-117.
3. R. R. Yadav and L. K. Kumar, 2019 "Solute Transport for Pulse Type Input Point Source along Temporally and Spatially Dependent Flow", *Pollution*, Vol.5, No.1, pp. 53-70.
4. Anil Kumar, L. K. Kumar, Shreem, 2018 "Analysis of two-dimensional solute transport through heterogeneous porous medium", *Journal of Applied Mathematics and Computation (JAMC)*, Vol. 2, No. 3, pp. 67-83.