



Prakhar Modi

School of Studies of Engineering and Technology

Department of Civil Engineering

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Qualifications

- **Masters of Technology** in **Water Resources Engineering**
- **Bachelor of Engineering** in **Civil Engineering**

Area of Interest/Specialization

- Drought Studies, Flood Routing, Rainfall-Runoff Modelling, GIS.

Experience

- Worked as a Pro-term Lecturer in the Department of Civil Engineering at C.E.C Bilaspur for 12 Months.
- Presently working as an Assistant Professor in the Department of Civil Engineering, Guru Ghasidas Vishwavidyalaya from February 2020.

Awards and Honors

- Selected as a Lecturer (Engineering and Technology) under Statute-19 of the university, C.S.V.T.U Bilai.

Best Peer Reviewed Publication

- Modi P. and Roy L. B. (2017). “Drought and Their Analysis in West Bengal, India”. The Indian Journal of Technical Education, Vol: 40, No:3, pp:64-73.
- Modi P., Rao C. M. and Deepak Jhajharia (2021). “Water Quality Analysis at Mancherial, Jagdalpur and Konta using Non-parametric methods”. Advanced Modelling and

Innovations in Water Resources Engineering AMIWRE-2020, 20-21 February 2021, National Institute of Technology Jamshedpur, Jharkhand India

- Modi P. and Roy L. B. (2016). “Drought Management for Sustainable Development of Chhattisgarh”. IJIRMF, Vol: 2, pp: 29-33.
- Modi P. and Roy L. B. (2016). “Drought Management for Sustainable Development of Chhattisgarh”. National Conference on Water and Sustainable Development (WASD-2016) At: Ranchi, Jharkhand.
- Modi P., Rao C. M. and Kale R. V. (2017). “Rainfall-Runoff Simulation Using HEC-HMS Model for Sutlej River Basin, India”. HYDRO 2017, 22nd International Conference on Hydraulics, Water Resources and Coastal Engineering.

Recent Books/Book Chapters/Monographs etc.

- Modi P., Rao C.M., Jhajharia D. (2022) Water Quality Analysis at Mancherial, Jagdalpur, and Konta Using Non-parametric Methods. In: Rao C.M., Patra K.C., Jhajharia D., Kumari S. (eds) Advanced Modelling and Innovations in Water Resources Engineering. Lecture Notes in Civil Engineering, vol 176. Springer, Singapore. https://doi.org/10.1007/978-981-16-4629-4_42

Administrative Responsibilities

- Faculty Coordinator of 2020-21 admitted Civil Engineering Batch.
- Faculty In-charge of Industrial Tours and Visit at the departmental level.
- Faculty In-charge of Fluid Mechanics Laboratory.
- Faculty In-charge of Lab Equipment procurements at the departmental level.
- Faculty coordinator of NBA criteria 3 and criteria 8 at the departmental level.
- Member of Industry Institute Interaction Cell at the School level.
- Member of Industry Interface Cell at the university level.