

# Resume



**Name** : Dr. Ray Singh Meena  
**Designation** : Assistant Professor  
**Department** : Civil Engineering  
**Qualification** : Ph.D.  
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## Other Profile Links

**Research Gate Link :**

**Personal Web Link :**

**Google Scholar Link :**

**Research Profile**

**Research Interests :** Hydrology Hydraulics River Engineering Sedimentation Groundwater Hydrology Remote Sensing and GIS

**Brief Research Profile :** Currently working in the field of hydrology, hydraulics, sedimentation, groundwater, and water quality.

## Qualification

Name of the Degree	Year Of Passing	Institute/University
B.Tech (Civil Engineering)	2010	National Institute of Technology Rourkela
M.Tech (Water Resource Engineering)	2013	National Institute of Technology Rourkela
Ph.D (Water Resource Engineering)	2018	National Institute of Technology Patna

## Publications

Year	Journal	Publication	Indexed In
2013	International Journal of Sciences in Cold and Arid Regions	Precipitation-runoff simulation for a Himalayan river basin, India using artificial neural network algorithms, 5(1): 0085-0095	Web of Science
2017	International Journal of Civil Engineering & Technology.	Approximating Soil Physical Properties Using Geo-Statistical Models in Lower Kosi Basin, of Ganga River System, India Prone to Flood Inundation, 8(5): 1445-459	Scopus
2018	International Journal of Management, Technology and Engineering:	Assessment of Reservoir Sedimentation Using Remote Sensing and Recommendation for Desilting in Bisalpur Reservoir	NA
2018	Universal Review	Effectiveness of Rice Husk Ash and Orange Peel ash in Removal of Fluoride from Water When Used as Bio-Adsorbent	NA

## Edited Book/Book Chapter

Type	Title	Publisher	Authors	ISBN/ISSN No.	Year
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## Research Projects

Role	Project Type	Title	Funding Agency	From	To	Amount	Status	Co-Investigator
Project Guide	Student Project	Development of Low-Cost Sustainable Technology for Purification of Ground Water Using Multistage Filtration	Department of Science & Technology, Government of Rajasthan	01/07/2017	30/06/2018	15000	Completed	NA
Project Guide	Student Project	Assessment of Reservoir Sedimentation Using Remote Sensing and Recommendation for Desilting in Bisalpur Reservoir	Department of Science & Technology, Government of Rajasthan	01/07/2017	30/06/2018	15000	Completed	NA
Principal Investigator	Faculty Development Programme under Interdisciplinary Cyber-Physical System Scheme	Faculty Development programme of two weeks on "Data Science and Big Data Analytics" under Interdisciplinary Cyber-Physical System Scheme	Department of Science & Technology, Government of India	31/03/2019	31/03/2020	900000	Completed	NA

## Research Supervision

Programme Name	Scholar Name	Research Topic	Status	Year	Co-Supervisor
Ph.D	Chander Kant	Impact of Climate Change on Runoff and Sediment Transport from Watershed	Ongoing	2020	
M.Tech	Shubham Bhardwaj	Analysis of urbanization and assessment of its impact on ground water and land use land cover using GIS techniques- A case study of Gurugram Districts	Completed	2021	
M.Tech	Rohit	Flood Plain Zoning of River Kosi Using HEC-RAS	Completed	2021	
M.Tech	Abhinav Kumar	Morphometric analysis of Beas basin Himachal Pradesh using Remote sensing and GIS Technique	Completed	2021	

Programme Name	Scholar Name	Research Topic	Status	Year	Co-Supervisor
M.Tech	Sakshar Sharma	Analysis of Sedimentation in Govind Sagar Reservoir using Remote Sensing and GIS Techniques	Completed	2021	
M.Tech	Prerit Machiwar	Analysis of Urbanization and Assessment of Its Impact on Ground Water Quality & Land Use Land Cover Using GIS Techniques- A Case Study of Bhopal City	Completed	2021	

### Patents

Name	Reg./Ref.No.	Date Of Award/Filing	Organization	Status
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### Teaching

Programme Name	Subjects Taught	From	To	Credits
Assistant Professor	Padmanava College of Engineering Rourkela	03/01/2011	24/06/2011	6 Month
Assistant Professor	Poornima Group of Institutions, Jaipur	01/07/2017	21/11/2018	1 Yr 5 Month
Assistant Professor	Poornima University, Jaipur	22/11/2018	24/09/2019	10 Month
Assistant Professor	National Institute of Technology Hamirpur	26/09/2019		Till date

### Administrative Responsibilities

Position Held	Organization	From	To	Remarks
Assistant Faculty In-charge	House Keeping Services, NIT Hamirpur	03/12/2019	03/08/2020	03
Assistant Nodal Officer	Swachhta Bharat Abhiyan, NIT Hamirpur	03/12/2019	03/08/2020	08
OIC, Examination	Department of Civil Engineering, NIT Hamirpur	02/03/2020		2020,03

### Expert Talks

Title	Place	Year	Description
Role of Space Technology in Flood Management	RRSDCE Begusarai (Online, GoogleMeet)	2020	Webinar on "Role of Space Technology in Flood Management" was delivered on 26 September 2021
Runoff and Hydrographs	Poornima University Jaipur (Online, MSTeam)	2021	Expert Lecture on "Runoff and Hydrographs" was delivered on 16 September 2021

### Professional Activities

Name of Activity	Role	Duration	Organization
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### Courses Organized

Category	Type	Title	Venue	From	To	Designation
fdp	DST New Delhi sponsored National Level Faculty Development Programme	"Data Science & Big Data Analytics	Poornima University Jaipur	08/07/2019	18/07/2019	Convener
conference	National Conference	National Conference on Sustainable and Emerging Trends in Civil Engineering	Poornima Group of Institutions Jaipur	03/04/2018	04/04/2018	Coordinator
stc	e-STC	Advanced Computational Techniques in Water Resources Engineering and Management (ACT-WREM-2021)	National Institute of Technology Hamirpur	01/03/2021	05/03/2021	Coordinator

Date :

Place :

Signature