




Government Autonomous College, Rourkela

Faculty Profile

Name	MONALISHA NATH			
Designation	Faculty			
Department	Department Of Geography			
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Qualifications				
Degree	Institution	Year	Subject Details	
BA	Gangadhar Meher University, Sambalpur	2018	Geography (Honours)	
MSc	Birla Institute of Technology, Mesra, Ranchi, Jharkhand	2020	Geo-informatics (Dept. Of Remote Sensing)	
Areas of Interest/ Specialization				
Geomorphological Studies, Atmospheric Science, Climatological studies, Forestry, Disaster Management and analytical approach, Land Use and Land Cover Changes, Criminology and Crime analysis, Drone handling, DGPS survey and various Remote Sensing, GIS and Geographical domain.				
Teaching/Research Experience				
Organization/Institution	Designation	Duration	Role	
Govt. Autonomous College, Rourkela	Guest Lecturer in Geography	Dec,2022 to July,2023	Teaching UG and PG student	
Odisha Space Application Center, Bhubaneswar	Project Intern	4 Months	Digitization and Classification Of LULC Of Odisha and Submit to ISRO	
National Crime Record Bureau, Mahipalpur, New Delhi	Project Intern	1 Month	Doing Cyber Crime Analysis using various GIS techniques	
Birla Institute Of Technology, Mesra, Ranchi	Project Fellow	8 Months	Assessment of Lightning Casualties and Correlated it with Ground and Atmospheric Factors	
Geo-intellect Pvt. Ltd, Ranchi, Jharkhand	Project Assistant	3 Months	Doing Town Planning of Johannesburg City, South Africa	

Project/Research
1) Space based Information Support for Decentralised Planning (SISDP) Project in 1:10000 scale(LULC Of Odisha)
2) Crime Analysis of Madhya Pradesh State using various GIS techniques
3) Assessment of Lightning Related Casualties Over the Coastal State Odisha
4) Town Planning Project for the Johannesburg City, South Africa
International Collaboration/Consultancy (During Project Works)
Aerospace and Mechanical Department Cairo University, Egypt
Earth Networks, USA
University of Central Lancashire, U.K.
University Of Padova, Italy
List of On-going/ Submitted/ Completed Project (Give Details)
Completed :
(i)Assessment Of Lightning Related Casualties over the Coastal State Odisha
(ii)Cyber Crime Analysis of Madhya Pradesh State using various GIS techniques
(iii)SISDP Project on LULC Change of Odisha (1:10000 scale)
Projects submitted:
(i) Assessment Of Lightning Related Casualties over the Coastal State Odisha
(ii)Cyber Crime Analysis of Madhya Pradesh State using various GIS techniques
(iii)SISDP Project on LULC Change Of Odisha (1:10000 scale)
Publications
(i)Abstract Paper on “Redefining Sustainable Development from perspective of Planetary Boundaries” on OSOU Official site (2017)
(ii) Single Author Article on ‘Geography as a discipline, opportunities and Challenges’ in 2020 on the official site of Deewan Abdul Gani College, Harirampur, West Bengal

Paper Presented in Seminar/Symposium/Webinar/Workshop/FDP/Orientation/ Refresher/Conference etc. [In Detail]
1) Presented in the International Conference on 'Climate Change and Sustainable Development (ICCC & SD 2017)' Organised by P.G. Department of Geography, Gangadhar Meher University, Sambalpur in Collaboration with Odisha State Open University, Sambalpur
2) Presentation on 'Geography as a discipline, opportunities and Challenges' in 2020 Organised by Deewan Abdul Gani College, Harirampur, Dakshin Dinajpur, West Bengal.
Seminar/Symposium/Webinar/Workshop/FDP/Orientation/ Refresher/Conference etc. Attended [In Detail]
1) Workshop on "Basic GIS Training Using Quantum GIS" in 2016 Organised by Odisha State Open University, Sambalpur in Collaboration with P.G. Department of Geography, Gangadhar Meher University, Sambalpur
2) International Conference on 'Climate Change and Sustainable Development (ICCC & SD 2017)' Organised by P.G. Department of Geography, Gangadhar Meher University, Sambalpur in Collaboration with Odisha State Open University, Sambalpur
3) Workshop on 'Remote Sensing in Earth System Science' Sponsored by U.S. Department Of State in 2018
4) Workshop on 'National Information System for Climate and Environment Studies (NICES) Data Products' Organized by Dept. Of Remote Sensing, BIT, Mesra, Ranchi in 2019, Sponsored by NRSC(ISRO), Hyderabad
5) Brainstorming Workshop on 'Modelling fault Zone induced surface mass transport in Himalayan Orogenic terrains for the study of fault related areas in Himalayan towns' organised by dept of Remote Sensing, BIT, Mesra, Ranchi in 2020, Sponsored by MoES (Gol), New Delhi.
6) Seminar on 'Geography as a discipline, opportunities and Challenges' in 2020 Organised by Deewan Abdul Gani College, Harirampur, Dakshin Dinajpur, West Bengal.
Memberships of Professional Bodies/Societies
1) National Disaster Management Authority, New Delhi
2) National Institute For Disaster Management, New Delhi
Honors and Awards if any
1) Best Interactive Student 2016-2018
2) Miss Fresher 2016
3) Bisarad in Indian Classical