**RESUME**

**Promila Bishnoi**

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## Qualifications

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| --- | --- | --- | --- |
| **Passing Year** | **Course** | **University/ Board** | **Percentage/ (Division)** |
| 2021 | PhD  (Environment ScienceandEngineering) | Guru Jambheshwar University of Science & Technology, Hisar, India | Awarded |
| 2018 | M.Sc  (Geo-informatics) | Uttrakhand Open University, Haldwani, India | 66.1% (1st) |
| 2014 | M.Tech  (Energy Studies and EnvironmentManagement) | Deenbandhu Chhotu Ram University  of Science & Technology, Murthal, Sonipat, India | 79.4% (1st) |
| 2012 | B.Tech  (Biotechnology) | NIMS University, Jaipur, India | 84.2% (1st) |
| 2008 | Senior secondary | C.B.S.E | 73.6% (1st) |
| 2006 | Secondary | C.B.S.E | 82.2% (1st) |

**Achievements**

* Qualified National Eligibility Test (NET) for Assistant Professor -2018 (Environment Sciences)
* QualifiedGraduate Aptitude Test in Engineering (GATE)-2014 (Biotechnology)

## Work Experience/Knowledge

* Working as a Project Fellow on a project titled “Cadastral mapping of forest boundaries in Haryana” at HARSACfromApril 28, 2021 tillMarch 31, 2022.
* Dedicated Academician with over 2 years of teaching experience for Post Graduate and Under Graduate students (during PhD).
* Worked on different projects related to the applicability of use of remote sensing and GISin the field of environment science and biological applications.

**Skills**

* Ability to deliver high quality research in the area ofEnvironment Science,GIS and other related topics.
* Strong commitment to student’s supervision at the undergraduate and post graduate level projects and dissertations.
* Pursuing independent research and demonstrated aptitude for fundamental research.
* Actively involved in promoting the growth of the institutions through knowledge transfer and professional practices.
* ***Softwares known***: ArcMap 10, ERDAS 11, QGIS, Stella, SimaPro, Origin, SPSS, Microsoft Office, beginner’s knowledge of R.

## Research and Trainings

* One week STTP on “Data Analysis in MS Excel” organized by REST Society for Research International, Tamil Nadu,2020.
* Edusat Training on “UAV Remote Sensing and Applications” conducted by IIRS, ISRO, July 03-07,2017.
* Edusat Training on “Remote Sensing and GIS Applications in Carbon Forestry” conducted by IIRS, ISRO, February 16- March 10,2017.
* Edusat Training on “Basics of Remote Sensing, Geographical Information System & Global Navigation satellite System” conducted by IIRS, ISRO, August 22-November 18,2016.
* Six month project on “Estimation of Carbon Footprint of fuel loss due to idling of vehicles at signalized intersections in Delhi” from CSIR-CRRI,Delhi,2014.
* Six months Add-on training course on “Climate Change Adaptation, Technology and Sustainable Development” organized by Ministry of Earth Sciences at DCRUST, Murthal, 2013.
* One month training on “Standard Tools and Techniques” from Amol Pharmaceuticals, Jaipur, 2011.

## Publications

* Poonam Chandel, Ritesh Kumar, **Promila** Bishnoi et al., (2022). Habitat Suitability Analysis for Blackbuck (*Antilope cervicapra*) in Nahar Wildlife Sanctuary, Haryana, India, *Current Science.* DOI:10.18520/cs/v122/i5/609-617
* **Promila,** K.E.Mothi Kumar, Praveen Sharma, (2021). Mapping Transformation of Degraded Lands to Potential Agro-Forestry in West Haryana, India: A Geo-Spatial Approach,*Journal of the Indian Society of Remote Sensing*. DOI:[10.1007/s12524- 021-01363-0](https://doi.org/10.1007/s12524-021-01363-0)
* **Promila,** Praveen Sharma, K.E.Mothi Kumar, (2021). Analyzing dynamics of degraded lands using NDVI time-series in a semi-arid region of India, *Arabian Journal of Geosciences*. DOI:[10.1007/s12517-021-07096-1](https://doi.org/10.1007/s12517-021-07096-1)
* Elisha Mothi Kumar, Ritesh Kumar, **Promila** Bishnoi et al., (2021). A geo-spatial approach to assess Trees outside Forest (ToF) in Haryana State, India, *Land Degradation and Development*. DOI:[10.1002/ldr.3960](https://doi.org/10.1002/ldr.3960)
* Elisha Mothi Kumar, Ritesh Kumar, **Promila** Bishnoi et al., (2020). Assessment of Green cover in Faridabad district (India): A Geospatial Approach, *41st Asian Conference on Remote Sensing*, Dequing,China.
* **Promila**, K.E.Mothi Kumar, Praveen Sharma, (2020). Identification and mapping of degraded lands using remote sensing and their mitigation regimes: A case study of West Haryana (India), *41st Asian Conference on Remote Sensing*, Dequing,China.
* **Promila,** K.E.Mothi Kumar, Praveen Sharma, (2020). A geo-spatial approach to assess dynamics of degraded lands in Bhiwani district, *ISRSNS,* Ahmedabad, India.
* K.E.Mothi Kumar, **Promila**, Rupesh Kumar, Meenakshi, Vikas Sihag (2019). Delineation and Validation of Notified Strip Forest (Ambala Range): A Synthesis Approach of Remote Sensing and Field Data,*SUSCOM*, Jaipur, India.
* **Promila**, K.E.Mothi Kumar, Praveen Sharma, (2018). Monitoring the spatial distribution of degraded lands in Sirsa district, *ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences*. DOI:[10.5194/isprs-annals-IV-5-159-2018](https://doi.org/10.5194/isprs-annals-IV-5-159-2018)
* **Promila**, Nisha Kumari, (2016). Environmental implications of carbon footprint & its estimation, *International Conference on Recent Innovations in Sciences, Management, Education and Technology*,Sirsa, India.

## Participation in Conferences/Seminars

* Have participated and presented (oral/poster) in several conferences and webinars related to environment, climate change and remotesensing.

## Declaration

I hereby declare that the information mentioned above is true to the best of my knowledge.

## (PROMILA)