**NEHA PANDEY**

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+91-7073795163

**Career Objective**

Aiming to achieve a challenging position where I can make significant contribution to the organization using my technical skills and also give my best in the form of my dedication.

**Academic Background**

* Submitted **Ph.D** in Remote Sensing dept from Banasthali University- July-2016 to Sept 2020.
* M.Tech (**Remote Sensing**), Banasthali University, Rajasthan (2012-2014) with **68.87%**.
* B.E. (Electronics and Communication), Gwalior Institute of Technology & Science, R.G.P.V. University, Bhopal (2007- 2011) with **72.25%**.

**Additional Qualification**

* **Student Pilot’s Licence** (SPL)issued by **Director General of Civil Aviation** (DGCA).

**Working Experience**

* Working as a SRF in **Birla Institute of Scientific Research** (BISR), Jaipur from April 2016 to March 2020.
* Worked as JRF in **Birla Institute of Scientific Research** (BISR), Jaipur from August 2014 to March 2016.
* Ten months research experience from National Environment Engineering Research Institute, **CSIR – NEERI** Nagpur as a project trainee during July 2013 to April 2014.
* Ten months Lectureship in Electronics Dept. from **Jiwaji University**, Gwalior M.P.

**Technical Skills**

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| Knowledge for Survey & Computer skills. | **GPS,** Soil Sampling & Microsoft Office |
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| GIS and Digital Image | **ESRI** -ArcGIS 10.4, ERDAS Imagine 2014, QGIS, eCognition, SAGA, ILWIS and HEC-HMS. |
| Processing software’s |  |
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**Projects During Academics**

**M-Tech Dissertation:** “*Comparison of Object Based and Pixel based Image Analysis for Impact of**Sewage Discharge in the Coastal Environment*” atNational Environment Engineering Research Institute(NEERI) Nagpur.

**Major Project:** “*Automatic Parking Control*”at Gwalior Institute of Technology & Science duringJanuary-July, 2011.

**PROFESSIONAL EXPERIENCE**

Worked as team member of the following NRSC, ISRO projects:

* SIS-DP project - Thematic mapping and field survey of various districts of Rajasthan.
* EPRIS Project – Capacity building workshops.

19 blocks, 2 district and 1 state level workshops organized.

* National Land Degradation (2nd) cycle with field survey of Gujarat state.
* National Wastelands Change Analysis (2nd) cycle with field survey of Gujarat state.
* National Land-use/Land-cover change Analysis (2nd) of Gujarat State.
* **IWMP**- Integrated Watershed Management Programme of Gujarat State.

**Publication / Research Papers**

* **Title:** Extent of sewage pollution in coastal environment of Mumbai, India: an object basedimage analysis

**Authors:** Ritesh Vijay, Vikash K. Kushwaha, **Neha Pandey** and S. R. Wate

**Journal: *Water and environment Journal.*** ISSN: 1747-6585

**Date of Publication:** 6 April 2015**.**

* **Pandey, Neha**; Chilka Sharma (2019). *“*Determination of Land Suitability using Multi Criteria Approach: A Case Study of Bhilwara District Rajasthan”, Journal of Global Resources, UGC-CARE listed Journal, Issue in January 2020, Volume 6 (01), *ISSN:* 2395 -3160.
* **Pandey, Neha**; Chilka Sharma (2019). *“Geo-statistical Analysis of Spatial and Temporal Variations of Groundwater Level: A case study of Bhilwara District Rajasthan”,* International Journal, **IJAIR*-2019,*** June 2019, Issue 2, Volume, ***ISSN:*** **2394 -7780.**
* **Pandey, Neha**; Panwar, Kaushal; Sharma, Manu (2016). “Analysis of Spatial Interpolation Techniques for Rainfall Data using Various Methods: A Case Study of Bisalpur Catchment Area”, International Journal (IJERT), ***NCACE-2016*** at Poornima University, Jaipur. April 2016, Issue 23, Volume 4.
* Goel, Deeksha; **Pandey, Neha**; Gupta, Sejal (2015). “Proprietary and Open Source geospatial software”, ***Proceeding of National Conference on Open Source GIS****,* at **IIT-BHU**, Varanasi. Oct 2015, ISBN: **978-81-931-2500-7.**
* Rani Preeti, **Pandey Neha** and Datta Rajasweta (2014). Hydroelectric Energy Dependency with increase Sources of Energy Consumption**, *International Journal of Advance Research in Science and Engineering,*** Vol. No.3, Issue No.4, April 2014,ISSN**:2319-8354(E).**
* I am a life member of [**ISG-** Indian Society of Geometrics (**membership No:ISG-L-1928).**](https://isgindia.org/)

**Seminar/Conferences/Professional Training**

* Completed 21 day’s training on Water Resources Management 4-25 November 2019 (Summer School in Geospatial Technologies, Level-II) conducted by B.I.S.R, Jaipur.
* ttended User Interaction Meet(UIM-2019) at **ISRO-NRSC**, Hyderabad during 22nd & 23rd, January 2019.
* Attended international conference on Sustainable Development in Economy, Environment & Society at Central University of Haryana during 19th to 21st, October 2019.
* Presentation on *“Geo-statistical Analysis of Spatial and Temporal Variations of Groundwater Level: A case study of Bhilwara District Rajasthan”,* **ETWQQM-2019** at Poornima University, Jaipur during 29-30 Mar-2019.
* Attended international conference 14th **ESRI** India User Conference during 11-12 December 2013.
* Attended one day workshop organized at BISR, Jaipur on ““National Information System for Climate Change and Environmental Sciences (NICES)” sponsored by **NRSC, Hyderabad** on 13th march 2018.”
* Presentation on “Change Detection on Gangotri Glacier from 1970-2000”, International Conference, **Krishi Sanskriti**, at **J.N.U**, New Delhi during 16-17 March, 2013.
* One month vocational training in B.S.N.L (May 2010).

**Achievements**

* Completed the Satellite-based training program “Remote Sensing, Geographical Information System and Global Positioning System” conducted by IIRS, department of Space, govt of India during 06-08-2012 to 22-10-2012.
* Completed the Satellite based training program “Geo-Web Services – Technology and Applications” conducted by IIRS, dept. of space, Govt. of India during 11-02-2013 to 15-03-2013.
* Sub-coordinator in “MAYUKH’13” **Banasthali Vidyapith, Rajasthan**.

**PROFESSIONAL SUMMARY**

Motivated and result-oriented professional in Remote Sensing & Geographic Information System (GIS) with Five-and-a-half years of experience in geospatial and remote sensing analysis especially in Satellite Data & data/Image processing.

Also professionally provided training to surveyor of **Rajasthan Forest Department** in Open Source GIS and also provided to the students of M.Tech / M.Sc. on research projects during their dissertation. Experienced with managing multi-database and working on multiple projects simultaneously. Familiar with ESRI ArcGIS & ERDAS software.

Holding experience of various field surveys in **ISRO** Projects, covering Rajasthan and Gujarat state.

Date: 25 January 2021

Place: Jaipur (Neha Pandey)