

## CURRICULUM VITAE

**Name** : ABHISHEK SEN  
**Date of Birth** : 12.11.1990



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### ACADEMIC QUALIFICATIONS

QUALIFICATION	BOARD/ UNIVERSITY	MARKS OBTAINED (%)	YEAR OF PASSING
Secondary	W.B.B.S.E	67.88	2006
Higher Secondary	W.B.C.H.S.E	55.00	2008
B.Sc in Environment & Water Management	The University of Burdwan	69.00	2011
M.Sc in Environmental Science	The University of Burdwan	77.08	2013
M.Tech in Geoinformatics	IIST (Formerly BESU), Shibpur	69.19	2016

### COMPUTER AND SOFTWARE KNOWLEDGE

- Extensive experience in handling remote Sensing and GIS software like ArcGIS, ERDAS IMAGINE, TerrSet (IDRISI), Global Mapper, QGIS, PCI GEOMATICA, ILWIS
- UAV image processing software like Pix4D, Agisoft
- Sound knowledge of MS-Office, MS-Access and Internet.
- Basic knowledge in SQL, HTML, DBMS, etc.

### INSTRUMENTAL EXPOSURE

- Quadcopter Drone (Pilot)
- GPS and DGPS
- Autolevel, Theodolite, etc.
- Flame Photometer
- Spectrophotometer
- High Volume Air Sampler for SPM, NO<sub>x</sub> and SO<sub>x</sub>
- Portable Photosynthesis System Machine (LICOR)

### ADDITIONAL QUALIFICATION / ACHIEVEMENTS / CERTIFICATIONS:

- Certificate program on “Remote Sensing, Geographical Information System, & Geographical Navigation Satellite System” conducted by IIRS.
- Certificate program on “Application of Remote Sensing & GIS for Natural Resources” conducted by IIRS.
- Certificate program on “Geospatial Technologies for Urban Planning” conducted by IIRS.
- Distinction Certificate in ITiZEN(Computer Certificate) program conducted by Asian Pacific Learning Ltd.

- Certificate of “**On Job Training**” program on **Water Treatment** from Durgapur Project Limited (DPL) and Mines Board of Health(MBH), Asansol.
- Certificates in various sports activities.
- **NSS** certificate holder at College Level.

#### LANGUAGES KNOWN

Bengali, English, Hindi

#### EXPERIENCE

- Working as **Executive-Technical Support** at DATACODE, Nagpur from August, 2016 to present.
- Worked as **GIS Analyst** at Alliance India from June, 2015 to July, 2016
- Worked as **Production Supervisor-Trainee** in PAN SEEDS PVT. LTD during August, 2013 to August, 2014.

#### DAILY RESPONSIBILITIES IN DATACODE

- Practicing allotted software (currently, IDRISI TerrSet, Global Mapper, Imago) and finding advanced features if any
- Preparing training materials (document & ppt) for trainings of GIS software
- Provide technical support to existing clients as well as team members when required
- Train sales team members to communicate with clients on the basis of capabilities of software
- Communicate with new client for arranging demo and/or presentation
- Communicate with the existing client to maintain relationship and following up for AMC/upgradation to new version of the product
- Providing support for licensing issues of all the software that Datacode currently deals with
- Participated in QAQC work as “GIS Expert” in Airborne Geophysical Survey project of Geological Survey of India
- Working in interpretation team as “GIS Expert” in Heliborne survey project of Geological Survey of India
- Monitor and provide support to GSI for resolving issues of uploading data for users in GSI website/portal (when required)

#### PUBLICATIONS & REVIEWS

1. **Sen, A.** (2018). Delineation of Impact of Climate Change on Groundwater Potential Zone by using Remote Sensing and GIS. Journal on “55th Annual Convention on Changing Water Cycle & Water Resources”, Indian Geophysical Union, pp. 31. <http://iguonline.in/wp-content/uploads/2018/12/Awrdee-18.pdf>
2. **Sen, A., Khan. I., Kundu, D., Das, K. and Datta, J.K.** (2017). Ecophysiological evaluation of tree species for biomonitoring of air quality and identification of air pollution-tolerant species. Environ Monit Assess 189(262):262. <https://doi.org/10.1007/s10661-017-5955-x>
3. **Sen, A.** (2017). Role of Remote Sensing and GIS in Identification of Groundwater Potential Zone with the Help of Pair-wise Comparison Matrix and Analytic Hierarchy Process. Journal of Geosciences Research, ISSN: 2455-1953, Special Volume No.1, 2017, pp. 263-270.
4. **Sen, A.** (2017). Identification of groundwater potential zone through the application of remote sensing and geographic information system. International Journal of Environmental and Technological Sciences, 4: 115-126.

4. Reviewer of Ecological Indicators

5. Reviewer of JSM Environmental Science & Ecology

6. Reviewer of Cogent Geoscience

7. Editorial Board Member and Reviewer of International Journal of Agricultural Research in Crop Sciences

#### **DECLARATION**

I, **ABHISHEK SEN**, hereby declare that all statement made in this application are true, complete and correct to the best of my knowledge and belief and in the event of any information being found false or incorrect or any ineligibility being detected my candidature is liable to be cancelled and legal action may be initiated against me.