

## CURRICULAM VITAE



Sl no.	Particulars	Details	
1.	Name	Dr Shovik Deb	
2.	Designation	Assistant Professor	
3.	Department	Soil Science and Agricultural Chemistry	
	Educational Qualifications	PhD	
5.	Contact details	<a href="mailto:shovikiitkgp@gmail.com">shovikiitkgp@gmail.com</a> ,	
	(a) Email id	<a href="mailto:shovik@ubkv.ac.in">shovik@ubkv.ac.in</a>	
	(b) Phone/Mobile	94346 85382, 62947 27155	
6.	Post held since (year)	2014	
7.	Area of Specialization	i) Soil ecology and digital soil mapping ii) Application of remote sensing in natural resource management and modelling	
8.	No. of Publications	Research Papers: 23 Book Chapters: 2	
9.	Awards /Honors:		
	Name of award	Awarding agency	year
A	Best poster award for the paper <i>Soil carbon dynamics under homo and heterogeneous forest plantation</i> , authored by Majhi, M., Deb, S. in AIPGS Research Convention in Soil Science	BAU	2019
B	Attended seminar cum workshop in Georg-August Universität, Göttingen, Germany	Funded by DAAD	2017
C	Attended 4 <sup>th</sup> International SOM conference in China	Funded by DST	2013
D	Received short-term fellowship to do a part of PhD research in Helmholtz UFZ, Halle (Saale), Germany	DAAD	2011

<b>E</b>	Qualified NET in Soil Science	ICAR	2009, 2010
<b>F</b>	Received Zonal Award for best M Sc (Ag) thesis in Soil Science	ISSS	2009
<b>G</b>	Nominated for Shyama Prasad Mukherjee Fellowship	CSIR	2009
<b>H</b>	Received JRF, SRF and qualified NET in Earth Science	CSIR	2008
<b>I</b>	Received JRF in Physical Science	ICAR	2006
<b>J</b>	Received Jagadis Bose National Science Talent Search scholarship	JBNSTS	2001

### 10. Publications (Best Five):

- **Deb, S.,** Kumar, D., Chakraborty, S.\*, Weindorf, D.C., Choudhury, A., Banik, P., Deb, D., De, P., Saha, S., Patra, A.K., Majhi, M., Naskar, P, Panda, P., Hoque, A. (2019) Comparative carbon stability in surface soils and subsoils under submerged rice and upland non-rice crop ecologies: A physical fractionation study. *Catena* 175: 400-410. [Elsevier] *Impact Factor: 3.85*
- **Deb, S.\*,** Debnath, M.K., Chakraborty, S., Weindorf, D.C., Kumar, D., Deb, D., Choudhury, A. (2018) Anthropogenic impacts on forest land use and land cover change: Modelling future possibilities in the Himalayan Terai. *Anthropocene* 21: 32-41. [Elsevier] *Impact Factor: 4.28*
- **Deb, S.,** Chakraborty, S.\*, Weindorf, D.C., Murmu, A., Banik, P., Debnath, M.K., Choudhury, A. (2016) Dynamics of organic carbon in deep soils under rice and non-rice cropping systems. *Geoderma Regional* 7: 388-394. [Elsevier] *Impact Factor: 1.50*
- **Deb, S.\*,** Ahmed, A., Datta, D. (2014) An alternative approach for identifying eco-sensitive zones using remote sensing and GIS technologies. *Environmental Monitoring and Assessment* 186: 2641-2651. [Springer] *Impact Factor: 1.80*
- Chakraborty, S., Weindorf, D.C.\*, **Deb, S.,** Li, B., Paul, S., Choudhury, A., Ray, D.P. (2017) Rapid assessment of regional soil arsenic pollution risk via diffuse reflectance spectroscopy. *Geoderma* 289: 72-81. [Elsevier] *Impact Factor: 4.34*

### 11. Projects handled as PI and Co-PI (Externally funded)

#### As Principle Investigator

- Project: Large-scale estimation of above-ground jute biomass and yield in major growing regions of North Bengal and adjoining areas (Ongoing)  
Funding agency: Space Application Centre, Indian Space Research Organization  
Grant amount: ₹ 29,49,000

- Project: Mapping of Carbon Stocks and Pools in Soils of Northern Part of West Bengal (Ongoing)  
Funding agency: Science & Technology and Biotechnology Department, Govt. of West Bengal  
Grant amount: ₹ 12,10,000
- Project: Below-ground Deep Carbon Stabilization in Soils under Long-term Rice Ecology (Completed)  
Funding agency: Science and Engineering Research Board  
Grant amount: ₹ 13,64,000
- Project: Use of Hyperspectral Diffuse Reflectance Spectroscopy Sensors for Rapid Assessment of Soil Quality (completed)  
Funding agency: Indian Council of Agricultural Research  
Grant amount: ₹ 13,37,050
- Project: Retrieval of Biophysical Parameters in Buxa Tiger Reserve using GISAT (completed)  
Funding agency: Space Application Centre, Indian Space Research Organization  
Grant amount: ₹ 14,95,000

#### **As Co-Principle Investigator**

- Project: Screening of Seed Invigoration Techniques for Uniform Crop Establishment in Selected Medicinal Plants of Hill and Terai Zones of West Bengal (Ongoing)  
Funding agency: Ministry of AYUSH  
Grant amount: ₹ 41,06,000