

## Sohini Sen(Ghosh)

Ph: 9477087887

E-Mail: sohin.sen.21@gmail.com

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**Present Employer** Netaji Nagar Day Collage

**Role** State Aided College Teacher-I.

Research Scholar ,Dept.of Architecture, Jadavpur University.

### Summary

- **10 plus years of** experience in teaching as a capacity of lecturer.
- 1.6 Plus years research experience in the topic “Integrate paste management”.
- Completed PG Diploma Course on “Remote Sensing and GIS” from School of Oceanography (Jadavpur University).
- Delivered lecturer on “Ground water, Arsenic pollution and its solution in 2008”.
- 4 year research experience in the topic” Investigating Real Time Ambient Air Quality Status and Land Use analysis (Jadavpur University) .

### Education

| Qualification                       | School/Collage                             |
|-------------------------------------|--|
| RET Exam(PHD entrance exam)         | Jadavpur University                        |
| M.A                                 | Guru Ghashi Das Central University         |
| B.A. - Part 2                       | Burdwan University                         |
| B.A. - Part 1                       | Burdwan University                         |
| H.S.(12 <sup>th</sup> Stand.)       | W.B.C.H.S.E                                |
| Madhyamik (10 <sup>th</sup> Stand.) | W.B.B.S.E                                  |
| PG Diploma in GIS &Remote Sensing   | Dept. of Oceanography, Jadavpur University |

### Software Knowledge:

- Autocad
- MapInfo
- ArcView.
- Arc Gis.
- ERDAS Imagine.
- QGIS

- **Publication :**

1. ISSN (P) : 2394- 2817, **International Journal of Advances in Mechanical and Civil Engineering (IJAMCE)**, Paper title :” Investigating Real Time Ambient Air Quality Status and Air Temperature during Kalipuja /Diwali Festival in different Land use types –Case study Kolkata
2. ISSN: 0046- 9017(Print), ISSN : 2456 – 6519 (Online) **Indian Journal of Regional Science**, Paper title : Investigating PM 10 level with respect to the Urban Land use and its effect in Urban Heat Island.,June 2019.
3. ICME – III/SEC – II /232 , Paper title : Investigating Urban Heat Island effects with respect to the urban Land use and air quality A case study on Kolkata Metropolitan Area.Jan 2018.

**Conference attended / Paper presented :**

**International Conference on Mother Earth: Environmental Crisis & Sustainable Strategies, Jan, 2018.**

**International Conference ( Shanghai, China ) IASTEM , Nov,2019 .**

**Research Project Completed/Under Progress:**

- A) “Investigating Urban Heat Island relation to urban Land use pattern, its local climate And air quality in the Kolkata Metropolitan Area”. The project is currently in-progress under the supervision of Dr. Debashis Das of the department of Architecture at Jabalpur University.
- B) “Change Detection of Sagar Island – Sundorban using GIS and Remote Sensing ” - School of Oceanography, Jadavpur University during 2010-2011.
- C) “Land use changes in Goasaba, West Bengal after cyclone Aila” - School of Oceanography, Jadavpur University during 2010-2011.
- D) “The study was on the effect of pesticides on some selected crops and their effect on human body” .This project was executed at Viswa Bharati University during 2008-2009.

**Seminar Attended:**

- “Water management in India” at French Museum, Chandanagar.
- “Water and future in India” – School of Oceanography, Jadavpur University.
- “Vibhutibhusan Bandopadhyay – Nana Chokhe” – Netaji Nagar Day Collage
- Two days hands on training programme in Q-GIS Software –Dept. of Geography, University of Calcutta.
- Webinar on Covid 19: its effect on environment –Vidyasagar College for Wemen.
- Webinar Pandemic Life & Development – Morigano College, Assam.
- Webinar on “Science and Technology for Sustainable Economic Growth in this Pandemic Scenario”.

**Workshop Attended:**

- Workshop on “Application of Quantitative Techniques in Spatial Planning” – Dept of Architecture, Jadavpur University.

- Workshop on"- Writing Quality Research Article for Publication" – Faculty of Engineering and Technology, Jadavpur University.
- Workshop on "Goography theory & practical, Sem 5 paper 12" – Loreto College.

### **Employment History:**

- **Netaji Nagar Day Collage**

Working as a part time lecturer since August 2010 to till date.

- **Sarat Centenary Collage**

Worked as a Part time lecturer since Nov. 2007 to till July 2010.

### **Extra-curricular activities**

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1. Completed 6 years Sangeet Prabhakar in Rabindra Sangeet.
2. Badminton champion at Collage level in Hooghly District.
3. Completed 4th Year Drawing Exam of Bangiya Parishad

### **Personal Details**

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Address : 80-E, East Baghajatin, Kolkata, Pin – 700086, India  
Marital Status : Married  
Nationality : Indian