

# Sagnika Dasgupta

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Currently completing final semester of Masters in Biotechnology. Previously Masters in Environmental Management. Previous experience in event and project management in environment related issues. Work well in teams and projects with multiple stakeholders.

## Previous Employment

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- **Centre for Environment Education** **Kolkata**  
*Project Associate* *September 2013–December 2015*  
  
**Job Responsibilities**
  - Developing proposal for Municipal Solid Waste Management.
  - Increasing Environment Awareness in Schools
  - Networking with experts and professors for guidance and involvement of new techniques for use of fly ash in agriculture field land reclamation and agriculture in experimental basis and overall management of fly ash
  - Documentation and reporting.
- **Daily Dump** **Bangalore**  
*Event Coordinator* *January 2015– August 2015*

## Notable Projects.....

- **Centre for Environment Education (September, 2013 – August 2014): 'Nabadiganta Project on Fly Ash Management and Community Development'**  
The project aimed at maximizing utilization of the fly ash produced by thermal power plant and providing green belt all around the plant for maintaining ecological balance. Special emphasis on land use and Bio-diversity by way of development of green belts, energy plantations, reclamation of abandoned ash pond and ecological monitoring in the project areas is also the part of the project  
Key Responsibilities:
  - Interacting with stakeholders to analyses the gaps in the prevailing system.
  - Performing detailed analysis, analyses research findings, draw inferences and generate paper on the basis of data.
  - Conducting resource mapping, PRA, Baseline survey and awareness programme.
  - Overall project coordination.
  - Administrative work related to the project.

- **Centre for Environment Education (September, 2014 – November 2015) 'Urja Chetna Project '**  
The Urja Chetana Project aimed to generate awareness and action on energy conservation, waste management, rainwater harvesting and medicinal plant garden practices amongst students and individuals, who would carry the learnings to their communities. The strategy is to implement the programme in schools through eco-clubs/energy clubs. More details of the project can be found at <http://www.urjachetana.in>  
Key Responsibilities:
  - Enabling Eco-clubs and nature clubs of 30 schools in and around Kolkata to carry out waste management and energy conservation programmes (composting, paper recycling)
  - Conducting various awareness programmes and activities in schools. (competitions, film and quiz shows, energy and waste audit)
  - Conducting community outreach programme with the students.
  - Organizing training programmes, Workshops, Exposure trips for students and teachers.
  - Facilitating Rainwater Harvesting Installation in schools.
  - Conducting Surveys , qualitative and quantitative analysis on waste generation and its management in schools.
- Worked on **Bengali Trans-adaptation of Science Express Climate Actions Special (SECAS)** documents
- Organized **Urban Climate Change Resilience Project** with NIUA
- Organized **Sankalp Diwas 2014**, an initiation of CEE in collaboration with **National Clean Ganga Mission (NCGM)** at Farakka, West Bengal.
- Worked on documentation on good practices on marine and coastal biodiversity conservation in India, a Indo-German project Conservation and Sustainable Management of Existing and Potential Coastal and Marine Protected Areas (CMPA)
- Organized and coordinated Paryavaran Mitra Puraskar Award event 2013-14. CEE, Kolkata.

## Education

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### Academic Qualifications.....

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| ○ <b>Garden City College</b>                 | <b>Bangalore</b>   |
| ○ <i>M.Sc. in BioTechnology,</i>             | <i>2016–</i>       |
| ○ <b>University of Kalyani</b>               | <b>Kalyani, WB</b> |
| ○ <i>M.Sc. in Environmental Management ,</i> | <i>2011–2013</i>   |
| ○ <b>Vivekananda College for Women</b>       | <b>Kolkata</b>     |
| ○ <i>B.Sc. in Zoology(Honours),</i>          | <i>2007–2011</i>   |
| ○ <b>Sir Ramesh Mitter Girls High School</b> | <b>Kolkata</b>     |
| ○ <i>WBCHSE(10+2),</i>                       | <i>2005–2007</i>   |
| ○ <b>Sri Sarada Ashram Balika Vidyalaya</b>  | <b>Kolkata</b>     |
| ○ <i>WBBSE(10),</i>                          | <i>2005–2007</i>   |

### Notable Projects.....

- **Masters(BioTechnology) Project (Planned for currentt semester):** '*Green Synthesis and characterization of Selenium Nanoparticles and its Therapeutic Effects*'
- **Masters(Environmental Management) Project** '*Cultivation of Chlorella in live stock waste water for nutrient reclamation*'

## Technical and Personal skills

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- **Vermicomposting**
- **Computer Proficiency:** MS-Word, MS-Excel, MS-Powerpoint. Basics of Nebcutter, Primer9, ClustalOmega
- **General Business Skills:** Good presentation skills, Works well in a team. Experienced Event manager
- **Linguistic Profeciency:** English, Bengali, Hindi