Format of the Bio data

- **Staff Id: 717**
- **Name: Er. (Mrs.) Sera Das**
- **Designation: Technical Officer**
- **Education: B.Sc., Electronics & Telecommunication Engineering Diploma**

Sr. No.	Institution Place	Degree Awarded	Year	Field of Study
1.	Birla Institute of Technology, B.T.Road, Kolkata	Electronics & Telecommunication Engineering Diploma	1999	Electronics, Telecommunication, Instrumentation
2.	St.Pauls College, University of Calcutta	B.Sc.	1996	Physics, Chemistry, Mathematics

- **Position held:**

Sr. No.	Institution Place	Position	From (Date)	To (date)
1.	NEERI, Nagpur	Technical Officer	2010	Till Date
2.	NEERI Nagpur	Gr III (2)	2005	2010
3.	NEERI KZL	Gr III (1)	2000	2005

- **Associated with the following ongoing projects:**
- **Peer-reviewed publications :**

  - Gabhane Jagdish, William S.P.M. Prince, Vaidya Atul N., Das Sera, Wate Satish R., Solar assisted alkali pretreatment of garden biomass: Effects on lignocellulose degradation, enzymatic hydrolysis, crystallinity and ultra-structural changes in lignocellulose, ***Waste Management*** June 2015 40:92-99
  - Sneha Jagtap a, Mahesh Kumar Yenkie b, Sera Das a, Sadhana Rayalu " Synthesis and characterization of lanthanum impregnated chitosan flakes for fluoride removal in water" ***Desalination*** 273 (2011) 267–275, Available online 5 March 2011

- Pillewan P., Roychowdhury T., Das S., Bansiwal A.K., Rayalu S. "Removal of As(III) and As(V) from water by Copper Oxide incorporated mesoporous alumina" ***Journal of Hazardous Materials*** 186(2011) 367-375

- Chandan Prabhu, Snehal Wanjari, Sera Das, Nitin Labhsetwar, T.Satyanarayanan and Sadhana Rayalu, etal , "Region-Specific Bacterial Carbonic Anhydrase for Biomimetic Sequestration of Carbon Dioxide" ***Energy and Fuels,*** 2011,25 (3),pp1327-1332 Publication Date: March 4, 2011

- Khan M.S., Das S. and Krupadam R.J. "Adsorption of fluoride from water by surface functionalized polyurethane foam" ***Water Science & Technology***—WST | 62.4 | 2010