Name: Dr Piya Biswas

Designation: Assistant Professor

Branch: Water Resource Engineering

Educational Qualification(s):

Qualification(s)	University
B.E.	NIT AGARTALA
M.TECH.	NIT SILCHAR
Ph.D.	NIT SILCHAR

Experience in years:

Academic: 03 Years 03 Months

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1	NIT SILCHAR	Assistant Professor	July 2017	June 2018
2	ICFAI UNIVERSITY TRIPURA	Assistant Professor	March 2020	Till date

Other Information:

a) Publication details.

A. <u>International Journal:</u>

1. **Biswas Piya** and Barbhuiya, A. K. (2020). "Rivers Bend Scour: A Parametric Study" *Iranian Journal of Science and Technology, Transactions of Civil Engineering*, *44, 1001–1021,2020,* Springer.
2. **Biswas Piya** and Barbhuiya, A. K. (2019). "Effect of submerged vane on three dimensional flow dynamics in river bend" *River research and applications* (*2019),* 35:301-312, *https://doi.org/10.1002/rra.3402,* Willey.

3. **Biswas Piya** and Barbhuiya, A. K. (2018). "Countermeasure of river bend scour using combination of submerged vane and riprap" *International Journal of Sediment Research (2018), https://doi.org/10.1016/j.ijsrc.2018.04.002,* Elsevier**.**
4. Dey Litan, Barbhuiya, A. K. and **Biswas Piya** (2017). "Experimental study on bank erosion and protection using submerged vane placed at an optimum angle in a 180° laboratory channel bend." *Geomorphology*, 283: 32-40, Elsevier.
5. **Biswas Piya** and Barbhuiya, A. K. (2017). "Bathymetry and three dimensional flow dynamics in a bend channel with parabolic bed", *International Journal of Engineering and Technology (IJET),* 9(3):2290-2298.

B. <u>International Conferences / Seminar / Workshops</u>

6. **Biswas Piya** and Barbhuiya, A. K., (2021). "Three dimensional flow dynamics in a bend channel with scour protection as a combination of submerged vane and riprap", HYDRO-2020, 203, International *Conference (Hydraulics, Water Resources and Coastal Engineering)*, NIT Rourkela, India.
7. **Biswas Piya** and Barbhuiya, A. K., (2017). "Three dimensional Reynolds stresses and turbulence in a bend channel with parabolic bed", *Proceedings of RISE 2017, Research Conclave on Recent Innovations in Science and Engineering 2017,* NIT Silchar, India, RISE110.
8. **Biswas Piya** and Barbhuiya, A. K., (2015). "Experimental study on scour at 90^0 horizontal forced bend and its protection using riprap", *International Conference On Water Resources, Coastal And Ocean Engineering (ICWRCOE 2015),* Elsevier*,* Aquatic Procedia 4(2015)*,* p. 797-804.
9. **Biswas Piya** and Barbhuiya, A. K., (2014). "Three dimensional turbulent flow fields measured by ADV at 180^0 horizontal forced bend channel", *Proceedings of ICTACEM 2014,International conference on Theoretical, Applied and Experimental mechanics,* IIT Kharagpur, India, ICTACEM-2014/458.

(b) Details of Seminar/Workshop/Conference.

Organization	**Programme**	**Title**	**Period**		
			From	**To**	**Weeks / Days**
NIT Rourkela	HYDRO2020	25th International Conference on Hydraulics, Water Resources and Coastal Engineering	16-12-2020	18-12-2020	03 Days
NIT Silchar	Research Conclave	Recent Innovations in Science and Engineering (RISE2017)	24-03-2017	26-03-2017	03 Days

NIT Silchar	STTP	ANSYS- CFD & Structural	26-05-2016	01-06-2017	01 week
NIT Surathkal	International conference	International Conference On Water Resources, Coastal And Ocean Engineering (ICWRCOE 2015)	12-03-2015	14-03-2015	03 Days
NIT Silchar	STTP	Application of GIS Techniques in Engineering.	18-01-2014	22-01-2014	01 week
NIT Silchar	STTP	Hydrological Modeling: A recent advances	22-07-2013	26-07-2013	01 week
NIT Silchar	STTP	Computational Fluid Dynamics	18-03-2013	23-03-2013	01 week
NIT Silchar	Workshop	Concrete Technology	22-06-2013	23-06-2013	02 Days
NIT Silchar	Workshop	Outcome based curriculum framework as per NBA requirement	30-05-2013	----	01 Days

(c). Professional membership of reputed bodies if any.

- Associate member of **The Institution of Engineers** (India), Membership No: **AM1672846**.