

Table 1 The following table illustrates the seasonal variation of correlation values among the selected physico-chemical and biological parameters of the well mixed Hooghly estuary.

Seasons	Den: NO ₃ N	Den: PO ₄ P	Den: SiO ₄	Den: Chl a	Den: Sal	Den: D.O.	Den: pH
Post'12/13	+0.37	-0.18	+ 0.58	+ 0.85	+0.38	+0.89	+0.97
Pre'13	+0.43	-0.61	+ 0.64	+ 0.57	-0.008	+0.98	+0.75
Mon'13	+0.99	+ 0.16	+ 0.41	+ 0.99	+0.38	+0.99	+0.96
Post'13/14	-0.69	-0.06	-0.85	- 0.07	-0.74	-0.98	-0.99
Pre'14	+0.97	+0.08	+ 0.76	+ 0.93	+0.76	+0.94	+0.99
Mon'14	-0.02	-0.47	-0.35	+ 0.87	-0.30	+0.06	+0.56