Table S1 (Supplementary): Showing TeaNet consistently outperformed other approaches across all four discharge stations

Training	**Muri**				**Adityapur**				**Jamshedpur**				**Ghatsila**			
Models	RMSE	R^2	MAE	MSE	RMSE	R^2	MAE	MSE	RMSE	R^2	MAE	MSE	RMSE	R^2	MAE	MSE
TeaNet	2.34	0.94	1.13	6.24	3.04	0.91	1.52	5.33	1.98	0.95	1.16	5.01	2.81	0.87	1.47	6.68
RF	2.96	0.83	1.69	4.67	3.77	0.84	2.06	6.28	2.28	0.83	2.50	5.80	3.34	0.81	2.44	7.80
SVR	2.11	0.89	2.50	4.27	4.18	0.79	2.73	6.52	3.95	0.76	3.76	6.69	3.71	0.72	3.44	9.51
GRU	4.09	0.80	2.76	9.03	4.89	0.73	3.15	7.89	4.94	0.73	4.44	10.76	3.64	0.69	4.48	11.76
TCN	2.20	0.09	1.22	8.03	3.13	0.85	2.09	5.62	2.12	0.87	2.08	6.01	3.14	0.83	2.08	7.20
Testing	**Muri**				**Adityapur**				**Jamshedpur**				**Ghatsila**			
Models	RMSE	R^2	MAE	MSE	RMSE	R^2	MAE	MSE	RMSE	R^2	MAE	MSE	RMSE	R^2	MAE	MSE
TeaNet	3.62	0.83	2.32	9.29	4.12	0.80	3.58	7.4	2.94	0.88	2.83	6.28	4.23	0.80	10.9	9.32
RF	4.45	0.76	4.07	10.1	6.04	0.76	4.19	9.97	3.08	0.83	4.27	8.48	7.2	0.77	12.31	15.47
SVR	4.20	0.69	5.68	11.65	6.83	0.68	5.29	11.4	5.23	0.79	4.44	13.4	7.55	0.61	12.94	17.17
GRU	5.39	0.67	6.19	12.9	7.22	0.67	5.44	13.2	6.25	0.74	5.12	11.61	8.15	0.68	13.38	17.69
TCN	3.93	0.79	3.93	10.56	4.95	0.79	3.96	9.54	3.55	0.84	3.46	8.14	6.97	0.77	12.15	12.72