

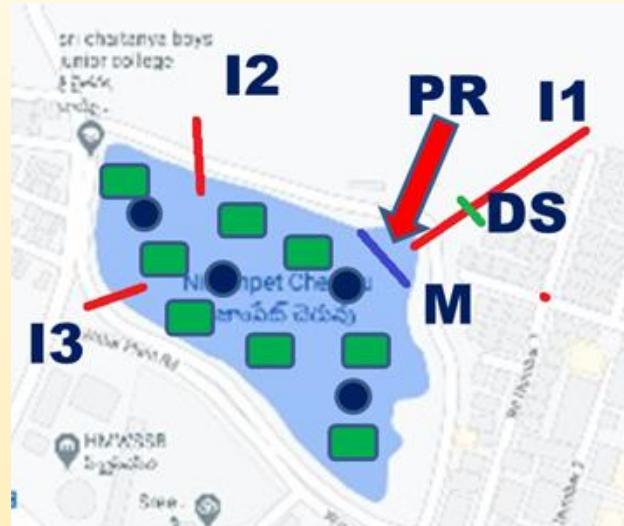
# Lake restoration by Phytoremediation Technology from CSIR-IICT

Water Analysis at Turka Cheruvu Nizampet

Sample No.	Position	pH	EC	TDS	Nitrates	Phosphates	COD 1.04	COD 0.05	D O
	Units	US Cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l
1	Inlet water to drain from sewage	6.93	1120	572	85.41	6.53	156	140	0
2	Water just before Water Hyacinth Layer Bed	7.05	1239	620.1	72.48	6.36	177	180	0
3	Water under Hyacinth	6.93	1120	572	85.41	6.53	156	140	0
4	Water treated after passing through Water Hyacinth bed of 100 feet	7.06	835	418.6	45.95	ND	42	40	0
* CP CB Standards		6.5-7.5	<1500	<1000	<5	<5	<50	<50	>2

Sewage water to lake from Sample 1 to 4

Water Samples Collected from Lake



**The only method  
to treat sewage  
and restore the  
water bodies  
from dying with  
Phytoremediation**

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