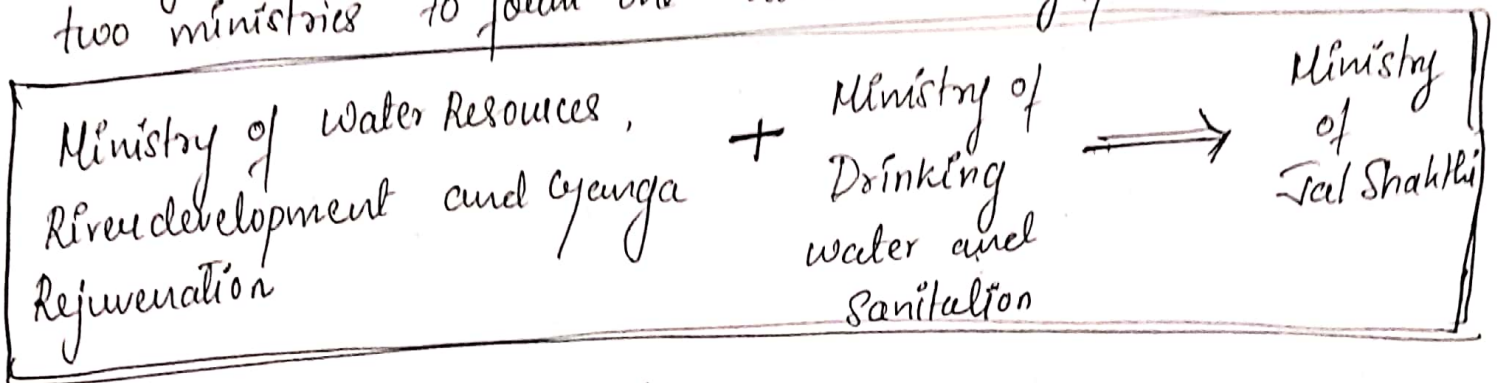


The creation of Jal Shakti Mantralaya is a forward looking government reform which will have a positive impact on integration in the water sector discuss.

India is entering into a major water crisis situation. As per certain estimates demand exceeds supply by a factor of 2 by 2030.

Taking this into concern Government recently merged two ministries to form one holistic Ministry for water

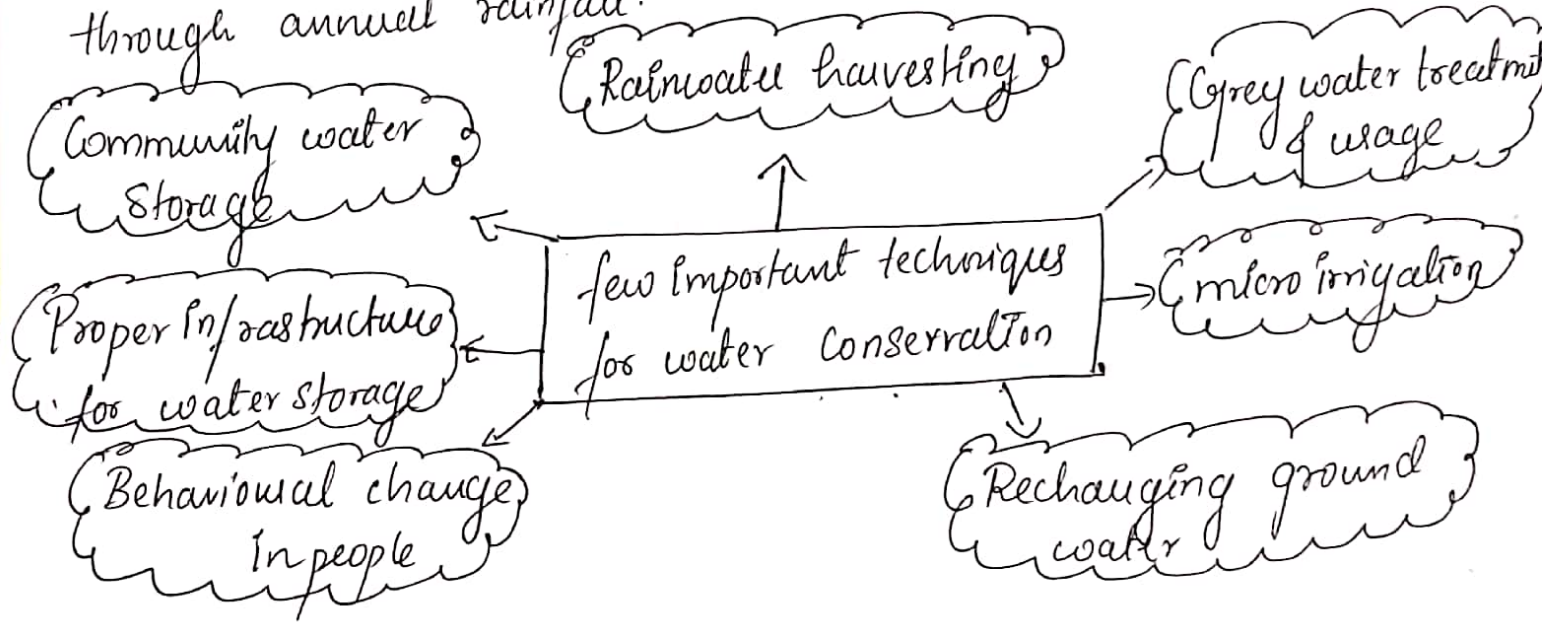


### Reason behind the integration:

1. to create an integrated perspective on water
2. Consolidating water management & sanitation thus ensuring India's water security in all spheres.
3. to avoid overlapping roles and responsibilities.
4. to be in ~~concourse~~ concurrence with NITI Aayog's integrated water management index, so that particular ministry can work on the results.
5. Water is an important component of GDP, if not properly conserved, it is estimated that there can be 6% loss in GDP by 2050.
6. Very impressive results of Swachh Bharat Mission, which also was a holistic approach towards sanitation, have motivated to create the same for water resources.
7. Main agenda is to provide piped water supply to all <sup>rural</sup> households by 2024.

Water Conservation is a concern in India because:

1. Recent satellite data shows that within few years groundwater in cities like Delhi, Bengaluru, Chennai & Hyderabad will completely run out.
2. Other than that there is lack of conservation of water received through annual rainfall.



Way forward:

1. ~~For~~ Israel is a best example, where they treat 100% of used water & recycle 94% of it and this water is sufficient for more than half of its irrigation needs.
2. We can also implement a Centrally Sponsored ~~Red~~ Scheme similar to decentralised water conservation in Maharashtra & Uttarakhand.

On top of everything, this reformation re-emphasised on present govt.'s motto "minimum government maximum governance"