

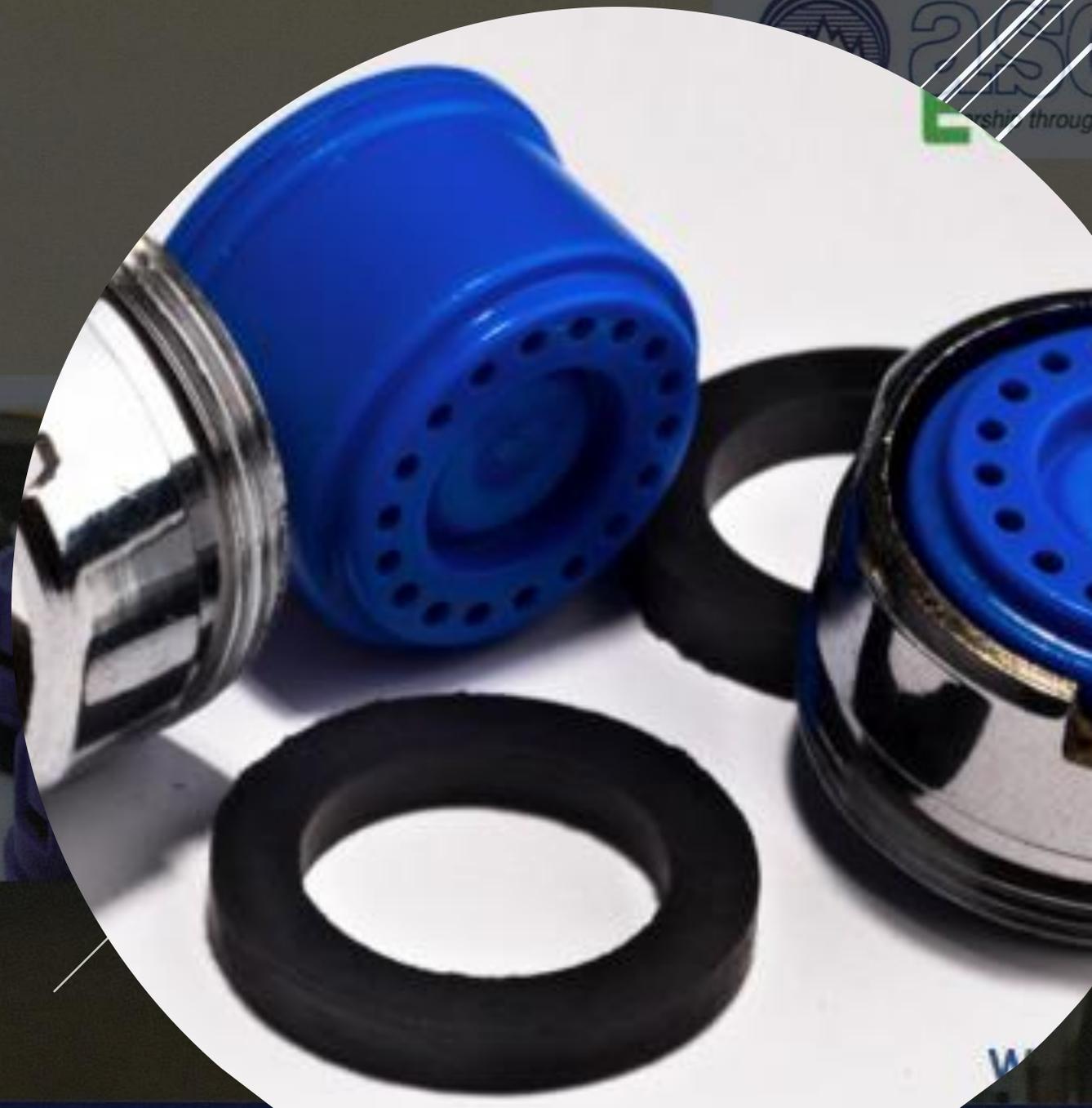


CIPS

Performing through Innovations

ECO365

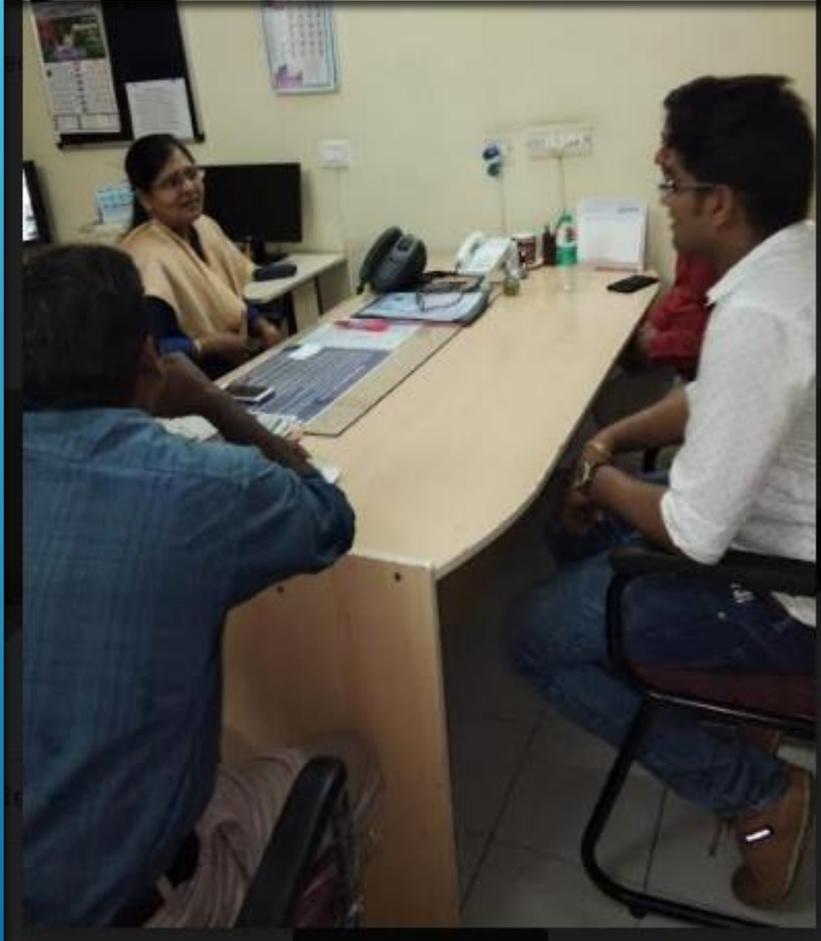
**REPLICATION OF INNOVATION IN
WATER CONSERVATION**



WHAT IS ECO365

- Water is a crucial resource for the country today. It is thus essential to not only conserve water but also use it effectively. Due to the growing population, increasing industrialization, and escalating agriculture scenario, the demand for water has increased enormously over the years. Thus, water conservation is evidently the need of the hour. Although efforts are being made by building dams, wells, and reservoirs, there is still a long way to go. If the situation persists, clean water is predestined to become one of the rarest commodities soon. So, the people need to be educated about the significance of conserving water and avoid wastage of water. ECO365 water conservation nozzles is an initiative in conserving/utilizing the water thereby avoiding its wastage.
- Water-conservation nozzles do reduce water wastage in existing premises/buildings without bringing down efficiency on rinse or wash experience. Existing plumbing fixtures like taps, shower, flush tank etc., will be retrofitted to reduce water wastage thereby reducing water bills. Under a brand name 'ECO365', company NeoSystek, based at Bangalore, sells varieties of water efficient fixtures to corporates, governments, apartments & individuals across the globe.
- This proposal can only be triggered when plumbing fixtures are replaced or retrofitted with **Government accredited National Accreditation Board for Testing and Calibration (NABL) lab** tested water-efficient fixtures like ECO365.

REPLICATION OF ECO365 AT CIPS-ASCI



CIPS Team along with NeoSystek representative meeting SAO, ASCI

- CIPS has decided to implement this good practice at its premises on a pilot basis and sought proposal from Neosystek to install ECO365 fixtures at the CIPS, CPC premises. In order to verify and check the efficiency of water nozzles, a water meter was affixed at the outlet of the primary water storage. Water meter readings have been maintained for a period until nozzles were procured and with the assistance of NeoSystek officials, these water nozzles were retrofitted at CIPS premises. After due comparisons it is evident CIPS is able to conserve **5000 litres** of water a day.
- CIPS after successful pilot study on implementing ECO365 water-conservation nozzles at its premises, decided to ramp up the replication by suggesting the same to CPC ASCI. CIPS facilitated the meeting of NeoSystek officials with Senior Administrative Officer (SAO), CPC, ASCI and after obtaining necessary permission from DG, ASCI and SAO, CPC, ASCI, water-conservation nozzles procured from NeoSystek and were being retrofitted at old hostel campus, CPC, ASCI

REPLICATION OF ECO365 **AT ASCI BELLAVISTA**

- CIPS team met Administrative Officer (AO), ASCI, BellaVista and Maintenance Engineer, ASCI BellaVista and impressed upon them to adapt ECO365 nozzles at BellaVista premises.
- CIPS team has successfully retrofitted the existing taps of hostel lounge at ASCI BellaVista hostel with ECO365 nozzles.



REPLICATION OF ECO365 AT NIZAM'S INSTITUTE OF MEDICAL SCIENCES (NIMS), HYDERABAD

- As a part of scaling up the replication of ECO365, CIPS team approached Nizam's Institute of Medical Sciences, Hyderabad and gave a brief presentation on water-conservation nozzles to Head of the Department/Medical Superintendent, NIMS.



CIPS team presenting live demonstration of ECO365 Water nozzle fixation to Assistant Manager, NIMS, Punjagutta with other officials.

REPLICATION OF ECO365 AT HYDERABAD METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD (HMWSSB)

- CIPS team along with knowledge partner approached Hyderabad Metropolitan Water Supply and Sewerage Board (HMWSSB) and per their request gave a brief presentation/demonstration on ECO365 water-conservation nozzles at Director (Technical) office chambers, HMWSSB.
- Further, HMWSSB requested CIPS to facilitate the replication in phased manner.



A Quick Glance on ECO365 Fixtures – Water Saving Aerators

Water saving aerators are designed to reduce the amount of water used in a faucet while maintaining the same level of water pressure. They are a simple and effective way to conserve water in the home.

Water saving aerators are available in a variety of designs and materials, including plastic, brass, and stainless steel. They are easy to install and can be used on most standard faucets.

Water saving aerators can help reduce water usage by up to 50% and can also help reduce the amount of water that is wasted down the drain.

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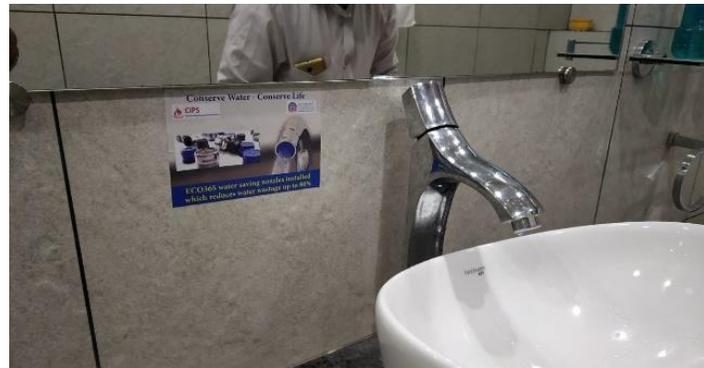
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REPLICATION OF ECO365 AT OFFICE OF PRINCIPAL COMMISSIONER OF CENTRAL TAX, HYDERABAD COMMISSIONERATE OFFICE – (AT THEIR COST)



- CIPS was approached by Principal Commissioner, GST Hyderabad Commissionerate, for replication of ECO365 nozzles at their office. In this endeavor, CIPS' Team along with the knowledge partner visited Commissionerate and gave demonstration who further requested CIPS to implement retrofitting of water nozzles at Hyderabad GST office.
- In response to our proposal, Principal Commissioner, Hyderabad GST Commissionerate has issued a work order where in CIPS has Successfully facilitated retrofitting of existing taps with ECO365 nozzles in their premises.



ABOUT CIPS

Centre for Innovations in Public Systems (CIPS) is an autonomous centre of Administrative Staff College of India (ASCI), Hyderabad established upon the recommendations of the 13th Finance Commission, Govt. of India with the mandate to create a climate for accelerating of diffusion of innovations in public systems through sharing of experiences across states and to facilitate the establishment of institutional, human capacities for replication of innovations. CIPS with an objective of replicating this practice, has documented the key takeaways to enable other states adopt this innovation.

WAY FORWARD

A well planned and executed programme in a given state would have the potential of saving water, thereby effective water conservation. CIPS is ready to take up this project on a larger scale covering the urban and rural areas of the country. CIPS would act as a catalyst in bringing all the stakeholders together by organizing training programs, exposure visits and extend its assistance to the state governments in order enable this best practice to be replicated on a larger scale.

Thanks