

Wall Magazine 2023

DEPARTMENT OF CHEMISTRY- 2ND PRIZE WINNER



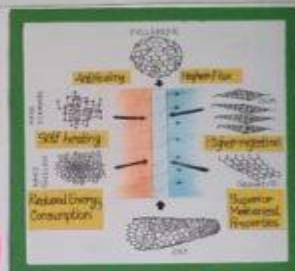
FLUORESCENCE

Nanotechnology in Water Purification

Remediation:
Adsorption &
Regeneration
NANOTECHNOLOGY
Inorganic Treatment
Biosorption &
Nanomaterials

Wastewater Treatment
Adsorption &
Regeneration
NANOTECHNOLOGY
Inorganic Treatment
Biosorption &
Nanomaterials

NANOTECHNOLOGY
is use of matter to
manipulate atoms and
molecules at nano scale for
industrial purpose



Nanotechnology is used in
wastewater treatment
for adsorption, regeneration,
precipitation and water treatment

ADVANTAGES
 • Cost-effective
 • Eco-friendly
 • Easy to use & operate
 • Energy efficient
 • More surface area &
 • Small volume

Especially **Water Pollution** affects
around 2.98 people across globe &
is responsible for 10% of all illness



NANOTECHNOLOGY
can contribute significantly to the
advancement of water treatment
technology & will play an
important role in ensuring
sufficient and potable water
to meet growing global demand