



ATULYA GANGA
An epic journey on foot

ATULYA GANGA TRUST (Regd.)

Sabka Saath Ho, Ganga Saaf Ho!

My River My Responsibility...



Participation in Republic Day Parade 2023 & Receipt of Golden Globe Award from Hon'ble Sh. Nitin Gadkari on 5th June 2023

VISION

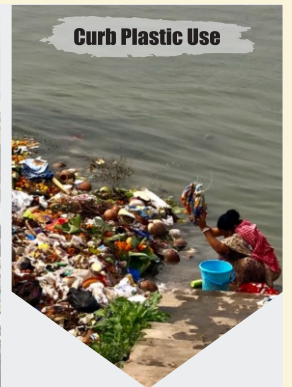
Atulya Ganga Trust, (AGT) an army veterans' initiative, is dedicated to the sustainable rejuvenation of River Ganga. Its mission spans afforestation, pollution control and raising public awareness to restore **Nirmalta** (Purity) and **Aviralta** (Free Flow) in the river. Atulya Ganga aims to cultivate a mindset in which individuals and governments recognize the urgent requirement of promoting sustainable practices to protect nature and assist its self-renewal capability for the benefit of future generations."

MISSION

Over 40% of India's population depends on Ganga Basin

- Rejuvenation of Rivers and tributaries particularly in Ganga River Basin.
- Encourage and support scientific management of natural drainage in the region.
- Raise public awareness and seek active community participation to adopt a lifestyle with minimal fallout from toxins.
- Prevent '**Death from Development**'.

SCOPE OF WORK (THE PILLARS)



The Pillars: These refer to the five verticals of AGTs work

MALEEN SHETRIKARAN (GIS INDEXING OF POLLUTED SECTIONS OF GANGA)

- Monitoring pollution levels, mapping critical zones and publishing for all stake holders the water quality data measured using specially developed Water Quality Index (WQI). Identification and measurement of pollution levels and critical zones.
- Geo-tagging of 869 nallahs including 329 sewage nallahs.
- Water sampling at 301 locations. (River Ganga and River Yamuna)
- Analysis of Multiplicative Water Quality Index. (IIT Ropar)
- Developing Online Ganga Health Dashboard. (Make in India Project)
- Dissemination of information to Jal Shakti Ministry; National Green Tribunal and other stake holders.

JAN BHAGEDARI (PEOPLE'S MOVEMENT) - Spreading of awareness about environmental and water borne-hazards.



Empowering Communities: AGT Veterans engaging with local residents to promote sustainable practices.

Collaboration With National Cadets Corps (NCC)



More than 50,000 NCC cadets sensitised towards health of rivers.

Tauranya (Many Ways) - Introduction of Environment Education in School and College Curriculum.



Integration of ecological awareness and afforestation modules in K-12 and College curricula / syllabus (06 DU colleges and AWES / Govt Schools.)

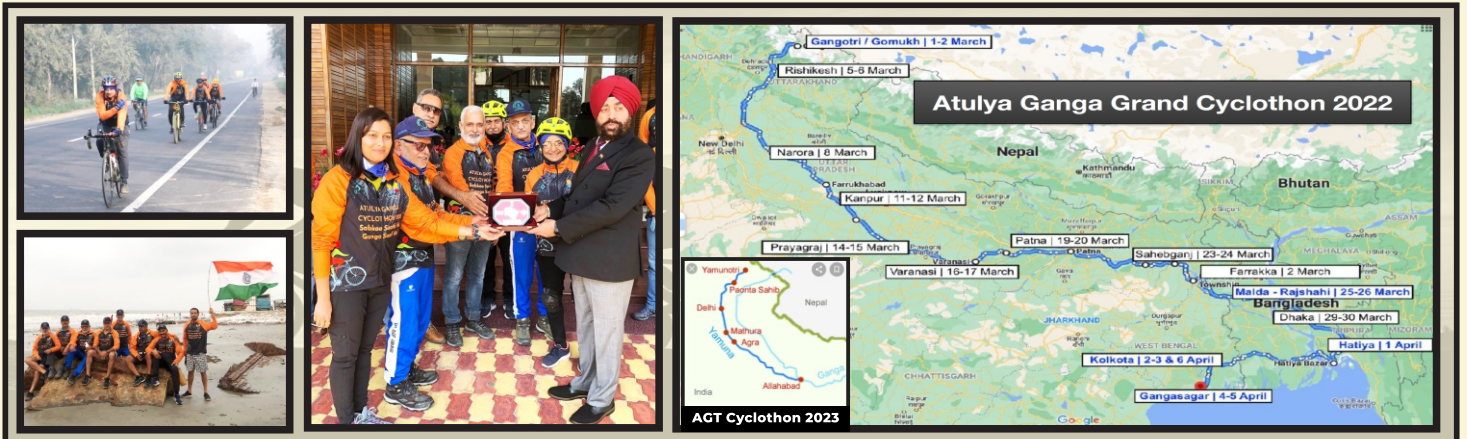
PARIKRAMA (EXPEDITION ALONG RIVER GANGA OR TRIBUTARIES)

- To monitor condition of Ganga Basin.
- To promote awareness in local populations.
- To carry out afforestation.



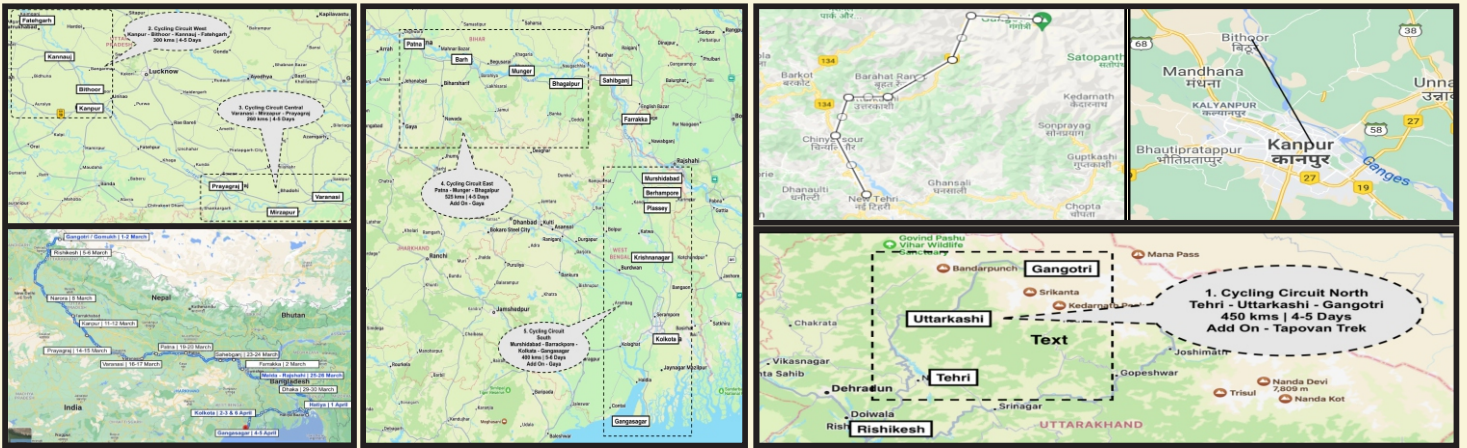
A few glimpses of the unique and unprecedented 5,530 Km Parikrama done in 190 days.

CYCLOTHONS - Cycle ride from Gangotri to Ganga Sagar (2022) and from Yamunotri to Prayagraj (2023).



Two Cyclothons of total 3,550 km have been done. 2,800 Km along River Ganga (2022) & 750 Km along River Yamuna (2023).

SAMPADA SANRAKSHANKARI PARYATAN (HERITAGE - SENTINELS TOURISM)



Assistance to government for organizing Nature, Heritage and Eco-tourism walks to educate public / local authorities about Ganga's environmental and cultural condition. A total of 914 spots have been identified.

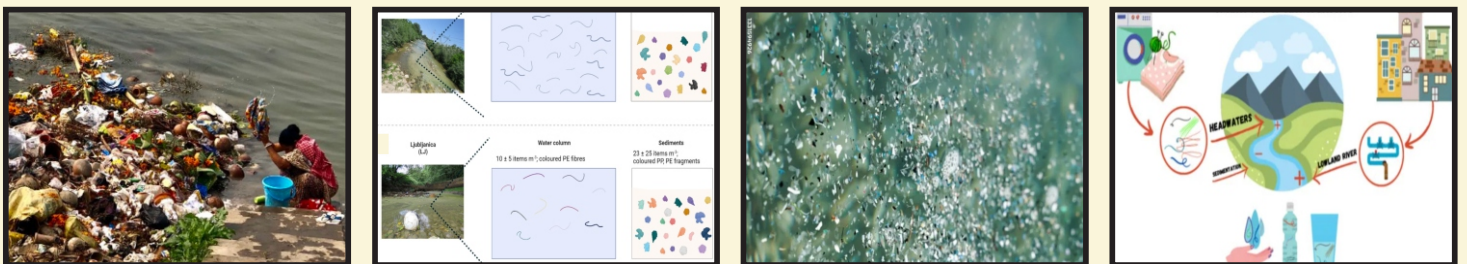
VRIKSHMAL (A GARLAND OF TREES) - PLANTING OF FOREST BELT AROUND THE RIVERS.



Replanting efforts along the river's basin to restore ecosystems and prevent erosion. (Approx 8,30,000 trees have been planted in collaboration with Green India Foundation across 310 Gram Panchayats with more than 80% survival rate. Miyawaki (dense) forests in wastelands and abandoned mines are also under process.)

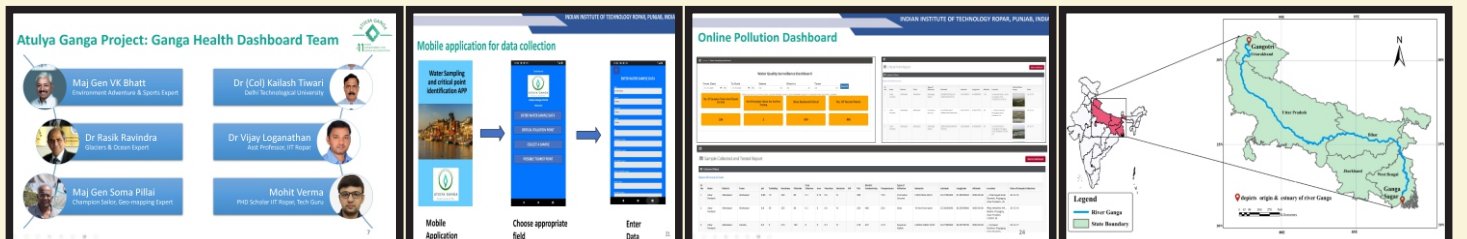
EKALBHOG PLASTIC-VARJAN (CAMPAIGN TO CURB SINGLE USE PLASTIC ITEMS)

- Advocating the curbing and eventual ban on single-use plastics to reduce / prevent micro-plastics from entering human and wildlife foodchain through river waters.
- Create ground level support for facilitating policy changes to ban single-use plastics and promote eco-friendly alternatives in order to prevent harmful plastics from entering ecosystems.



AGT Advocates the curbing and eventual ban on single-use plastics to reduce their entry into human and wildlife foodchains by creating ground level support for policy changes to protect ecosystems.

GANGA HEALTH DASHBOARD - WEBSITE FOR MONITORING STATUS OF RIVER WATER POLLUTION.



Critical tasks connected with Geotagging and updating of data in Ganga Health Dashboard.

THE MANAGEMENT

FOUNDERS

- Sh Gopal Sharma – (MES Engineer and Mountaineer)
- Lt Col Hem Lohumi, SM – (Antarctica Pioneer and Mountaineer)
- Col Manoj Keshwar – (Multifaceted Adventure Organizer)

MENTORS

- Maj Gen Vinod Bhatt SM, VSM – (Chief Mentor & Head Pollution Mapping)
- Maj Gen Brajesh Kumar AVSM, VSM – (Mentor Youth Connect)
- Mr. Abhay Mishra (Publications)

COLLABORATION

INDIVIDUALS

- Dr. Vijay Loganathan (IIT Ropar)
- Col (Dr.) Kailash Chandra Tiwari (Delhi Technical University)
- Dr. Ranjana R Chaudhuri and Dr. SK Singh (TERI SAAS)
- Dr. Rasik Ravindra (Leader Antarctica Mission & Oceanography)
- Brig Atul Kumar, SM

INSTITUTIONS & ORGANISATIONS

- Ministry of Tourism, Govt of India
- United Nations Organisation : (**Global Information Congress for Monitoring of Riverine Pollution**)
- National Mission for Clean Ganga (**Namami Gange**)
- Green India Foundation
- Nehru Institute of Mountaineering, Uttarkashi
- Sainik Kalyan Evam Punarwas Nideshalaya, UP
- Army Welfare Education Society, Integ HQ of MoD (Army)
- Kendriya Vidyalaya Sangathan

ACADEMIC & OPERATIONAL PARTNERSHIPS

- IIT Ropar
- Delhi Technical University
- DG National Cadet Corps
- TERI SAAS, New Delhi
- Indus Water Institute, Mumbai
- DG Territorial Army
- Jeevitnadi Living Rivers Foundation, Pune
- INTACH

ADVISORY PANEL (Highest-Level Guidance)

- Lt. Gen (Late) SA Cruze, VSM and Bar
- Lt. Gen SD Duhan, AVSM, VSM
- Padmavibhushan Dr Anil Prakash Joshi
- Padmashree Dr KK Agarwal
- Padmashree Dr CP Vohra
- Padmashree Prof Pramod Tandon
- Padmashree Prof (Mrs) Veena Tandon
- Padmashree Sh. Ajeet Bajaj

COORDINATION

- Lt Col Rattanbir Singh – (Principal Coordinator)
- Mr. Avdhesh Tyagi – (Logistics)
- Sh. Rohit Singh Jat (Superintendent Afforestation and Wilding of River Banks)



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www.atulyaganga.com

ACCOMPLISHMENTS

- 5,530 km Ganga Parikrama (190 days Padyatra)
- 3,550 km Cyclothon. (2,800 Km along River Ganga + 750 Km along River Jamuna)
- **Jan Aranya** : Approx 830 hectares @ 1,000 saplings per hectare of endemic species. (**Roughly equal to the area of Ranthambore / Bandhavgarh / Sundarbans National Parks or the IGI Airport, New Delhi**)
- **Ganga Health Dashboard** – Website for monitoring status of river water pollution.
- Development of Multiplicative Water Quality Index (WQI)
- **International Recognition**: Research Paper published in International Journal “**Ecological Indicators**” (Oct 2022 Edn) in collaboration with IIT Ropar, Punjab.
- **Geo-Spatial Methods For River Rejuvenation** : Presentation at the **2nd UN World Geo-spatial Information Congress (UNWVIC)**. 13 October 2022.

IN THE PIPELINE

- Launch of Ganga Health App. (Android and Apple)
- Study presence of micro plastics in the Ganga River basin.
- Produce River Rejuvenation Booklet series for inclusion in Curriculum of educational institutions.
- Advocate the setting up of National Fisherman Committee.
- Introduce Atulya Ganga Awards on Environment Journalism.
- Assist in launch of Heritage-Sentinels Tourism.

DONATE & SUPPORT

Atulya Ganga Trust

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REGISTRATIONS AND APPROVALS

Atulya Ganga Trust is eligible to receive CSR funding and donations under Section 80G of Income Tax Act.



STTelemedia
Global Data Centres

