Happy New Year 2019

NAMAMI GANGE

Magazine

Edition-8 | October-December-2018

Hon'ble Prime Minister inaugurating sewerage treatment infrastructure projects in Varanasi on 12th November 2018... page 8-9

NATIONAL MISSION FOR CLEAN GANGA
Ministry of Water Resources, River Development & Ganga Rejuvenation, Government of India

National Mission for Clean Ganga

Rejuvenating Yamuna

Yamuna, the biggest tributary of river Ganga with approx. length of 1370 kms is the lifeline of Delhi. It enters Delhi at Palla and traverses a distance of 22 kms before making its departure at Okhla for its onwards journey. Delhi is majorly dependent on river Yamuna for drinking water needs and rising population and growth of National Capital Region (NCR) have significantly contributed to rise in the flow of untreated sewage directly into the river Yamuna. Under 'Namami Gange' program, NMCG has taken up a comprehensive action plan for waste water management of Yamuna waters across Delhi. 11 projects of Sewage Treatment Plants and Interception and Diversion have been approved for 3 sites across Delhi involving ₹2000 crore which will be provided by the NMCG. These interventions form part of Yamuna Action Plan III in assistance with Japan International Cooperation Agency (JICA).

The Hon'ble Minister of Water Resources, River Development and Ganga Rejuvenation, Shri Nitin Gadkari along with Hon'ble Chief Minister of Delhi, Shri Arvind Kejriwal laid the foundation stone of 11 projects of STP and associated infrastructure for waste treatment of Yamuna river in Delhi on 27th December 2018 at Delhi. The event was graced by Dr. Harsh Vardhan, Hon'ble Union Minister MoEF and CC, Dr. Satyapal Singh, Hon'ble MoS, MoWR, RD & GR, Shri Manish Sisodia Hon'ble Deputy CM, Delhi and Shri U.P. Singh, Secretary MoWR, RD & GR along with other dignitaries. The Hon'ble Minister, WR, RD&GR reaffirmed the commitment of the Government of India for wholesome rejuvenation of entire river Ganga basin to a packed house at the Plenary Hall of Vigyan Bhawan.

Projects of Yamuna rejuvenation in Delhi

Projects	₹ in crore
▪ Kondli - Rehabilitation of Trunk Sewer No. 4 & 5	170.83
▪ Kondli - Rehabilitation of old Three Treatment plants	239.11
▪ Kondli – Rehabilitation of Rising Main	59.13
▪ Rithala – Rehabilitation of Trunk/Peripheral Sewer/Rising main/Treatment plant	301.11
▪ Okhla – Construction of new treatment plant	665.78
▪ Nine Decentralized STPs and Water bodies Rejuvenation – Chattarpur	65.24
▪ One project of Waste Water Treatment Plant at Coronation Pillar	515.07
▪ Project of Extension and Redevelopment work for Chhath ghat	1.99
▪ Deployment of one trash skimmer at Delhi for river surface cleaning	
Total projects cost	**2018.26**

Snapshots from Plenary Hall, Vigyan Bhawan on 27th December, 2018

Hon'ble Minister WR, RD&GR Shri Nitin Gadkari laying the foundation stone of 11 projects for rejuvenation of Yamuna on 27th December, 2018 alongwith Hon'ble Chief Minister, Delhi, Shri Arvind Kejriwal and other dignitaries.

Hon'ble Minister WR, RD& GR, Shri Nitin Gadkari and Hon'ble Chief Minister, Delhi, Shri Arvind Kejriwal addressing a packed Plenary hall of Vigyan Bhawan on 27th December, 2018.

From Chief Editor's desk...

Dear Patrons,

At the outset, NMCG wishes all its Executing agencies, Stakeholders, various Central and State Government authorities, non-governmental agencies, other partners and all our readers in Ganga basin or elsewhere in the country and abroad a very Happy New Year 2019. I am sure that the support which was extended to us in the year 2018 would continue with all vigor in the year 2019 as it holds more challenges ahead.

The year 2018 has been epochal for 'Mission Clean Ganga' in more ways than one. I would even go to the extent of terming it as a watershed year in the journey of rejuvenating the most revered river in the country- Ganga. Not only did NMCG aggressively continued the drive for sanctioning and grounding sewage treatment infrastructure on mainstem Ganga, but also shifted focus on sewage management for tributaries specially the more prominent ones like Yamuna, Kali, Damodar and others. Some key achievements in this waste water treatment include complete diversion of sewage spewing out of the *Sisamau Nala*- an eye sore on Ganga in Kanpur where, by small intervention, the sewage has been completely diverted to two treatment plants. More and more projects of liquid waste management are being operationalised specially in bigger towns like Varanasi, Prayagraj and Patna. Another problem area of Industrial pollution is also being addressed aggressively specially the discharge from tanneries in Kanpur for which a comprehensive Common Effluent Treatment Plant (CETP) is being put up for pollution abatement in close association with the tanneries. All ghats and crematoria development projects are grinding to completion by March this year and NMCG is also partnering with various municipal authorities for taking up regular cleaning of ghats. Afforestation and Bio-diversity efforts continue successfully and initiatives have also been taken up for organic farming and forestry along Ganga Grams.

Breaking away from traditional responses and engagement for river cleaning projects, NMCG has been closely engaging with new stakeholders both within and outside the country for identifying best solutions and technologies for a variety of related subjects like urban area management plans, cultural and heritage mapping along Ganga, developing museums on rivers, seeking technical assistance from River Basin Organizations (RBOs) the world over, engaging with capital markets, investors and promoters for identifying financial models, involving spatial technologies for decision making, geographical and hydrological mapping of Ganga and many other such initiatives.

The year 2018 has also been a mile-stone for the public outreach programs undertaken to reach out to one and all and seek more and more participation by the community at large in this mission. While we continued to engage with different groups, entities and communes over the year, the high point came towards the last quarter when the charismatic Everestor *Ms. Bachendri Pal* undertook an expedition across Ganga covering 1500 kms on rafts on the river and engaging with thousands of people along the banks of nine cities, carrying out cleaning drives and touching the hearts of the people and specially the children on the dire need of keeping Ganga clean and healthy. I would say she electrified the banks and ghats during her month long sojourn and converted scores of people to the cause of cleaning Ganga.

Yes, there have been significant gains and achievements in this journey and Mission Clean Ganga marches on. NMCG is well poised to take up the rejuvenation of the entire Ganga basin and successfully as the new year unfolds. And we are ready to meet the challenges ahead.

I am happy to being before you the first edition of the Newsletter for the year 2019, the 8th in the series showcasing the achievements of the year gone by and the multi-pronged and multi-level engagement under taken, which are showing good results.

Happy reading and best wishes.

Rajiv Ranjan Mishra, DG,
National Mission for Clean Ganga

Happy New Year 2019

NAMAMI GANGE Magazine | नमामि गंगे पत्रिका

हमारा ध्येय: निर्मल गंगा, अविरल धारा, स्वच्छ किनारा। Content Edition-8 | October-December-2018

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National Mission for Clean Ganga-*Some News...Some Views...*

नमामि गंगे • सीसामऊ नाले से गंगा को मिली मुक्ति

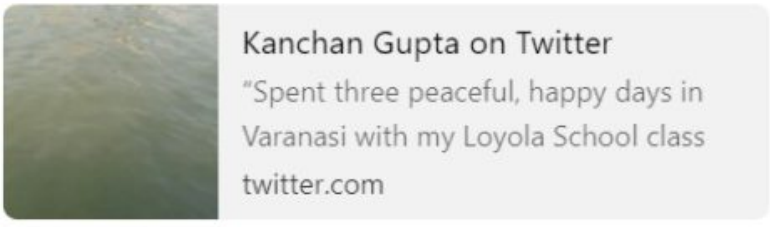
06 08

गंगा को कस्सावान नाले से मिलेगी मुक्ति

नाला किया टेप, सीवरेज पंपिंग स्टेशन का ट्रायल रहा सफल

अच्छी खबर 1

मार्च से पूरी तरह से गंगा में गिरना हो जाएगा बंद



Kanchan Gupta on Twitter

"Spent three peaceful, happy days in Varanasi with my Loyola School class

twitter.com

Kanchan Gupta (@KanchanGupta) Tweeted:

Spent three peaceful, happy days in Varanasi with my Loyola School class mates. What struck me the most:

1. The ghats of Banaras have never been so spotlessly clean.

2. Ganga looks pristine.

Achieving both goals in less than 5 years must have been a Herculean task. #Varanasi2018

https://t.co/9uUAgj4dgM

https://twitter.com/KanchanGupta/status/1077235205570588672?s=17

2:17 PM

Vinod Mishra @vinodmishra64 · Jan 22

#PrayagrajKumbh2019 उत्तर प्रदेश नहीं देखा तो क्या देखा ! प्रयागराज मे #दिव्यकुंभ नहीं देखा तो भारत की भव्यता को क्या समझा! को कहि सकय प्रयाग प्रभाउ....प्रदूषण मुक्त प्रयागराज का #स्वछकुंभ और #निर्मलगंगा का एहसास खुद किया जा सकता है। @narendramodi @cleanganganmcg @nitin_gadkari

Translate Tweet

Anand Maini @MainiAnand · Jan 21

#KumbhMela2019

ये मशीन त्रिवेणी संगम को स्वच्छ रखने का कार्य कर रही है।

@cleanganganmcg

Translate Tweet

Editorial Board

Editor in Chief	Concept, Design, written and edited by	Creative Assistance and inputs	Design and Development Support
Shri Rajiv Ranjan Mishra Director General, NMCG	Shri Rozy Agarwal Sr. Editor & Executive Director (Finance)	Shri Aditya Anand & Shri Suraj Kumar **Social Media Team**	Shri Sunil Kumar

Contributions by: भारतीय वन्यजीव संस्थान Wildlife Institute of India

Creating Milestones

The year 2018 has been a watershed year in the journey embarked upon by clean Ganga mission for most wholesome rejuvenation of river Ganga and its tributaries. Continuing with the drive of bringing in comprehensive improvement in the quantity and quality of river waters, NMCG has gone beyond the main stem of Ganga and has taken up multiple projects for cleaning and rejuvenation of main tributaries like Yamuna, Kali, Damodar and others.

Over all Project status at a Glance

Project discription	No.	Cost
Sewerage infrastructure	149	₹21243.77Cr.
Rural Sanitation	1	₹1426.26Cr.
Industrial Pollution abatement	12	₹901.56Cr.
Ghat and Crematoria Development, River Surface and Ghat Cleaning activities	64	₹1242.45Cr.
Afforestation and biodiversity Conservation	22	₹270.00Cr.
Ganga Task Force	2	₹167.70Cr.
Other Projects	11	₹311.56Cr.
Total	261	₹25563.30Cr.

New projects sanctioned in the quarter – October- December 2018

Projects	₹ in crore
▪ Construction of SPS and 9 decentralized STPs in Chhattarpur, New Delhi	48.88
▪ Construction of 318 MLD WWTP with 10 years O&M at Coronation Pillar, Delhi	207.39
▪ Upgradation of Infrastructure of existing CETP for Textile Printing Units at Mathura Industrial Area	10.40
▪ Treatment of 30 drains and Third Party Inspection of 123 drains in Uttar Pradesh	100.00
▪ Treatment of Rampur drain, Rampur UP using NSN technology based bio-oxygenation	14.16
▪ Interception Diversion and Sewage Treatment Plant for Chhapra town, Bihar	236.15
▪ Interception Diversion works and Sewage Treatment Plant at Sultanpur, UP	64.76
▪ Interception and Diversion works and Sewage Treatment Plant at Kasganj, UP	76.73
▪ Rehabilitation/Renovation of Sewerage Scheme (I&D works) on Yamuna river in Agra, Uttar Pradesh	857.26
▪ I & D network for drains including pumping stations and STP under Burdwan Municipality, West Bengal	234.31
▪ Sewerage scheme for Zone II & III of Poanta town, district Sirmour, Himachal Pradesh	11.57
▪ I & D and Sewage Treatment Plant at Muzaffarnagar, UP	231.79
▪ I & D network for drains including Pumping stations and STP under Durgapur Municipality, West Bengal	287.53
▪ I & D and Sewage Treatment Plant at Bareilly, UP	271.39

Glimpses from the Executive Committee meetings

16th EC-29th October, 2018

17th EC-20th November, 2018

18th EC-4th December, 2018

Shri Rajiv Ranjan Mishra, Director General, NMCG chaired the 16th, 17th & 18th Executive Committee meeting along with Shri Jagmohan Gupta, JS & FA, MoWR, RD & GR, top management of NMCG and senior functionaries from state authorities of Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal.

Multi Stakeholder Engagements

National Mission for Clean Ganga in its quest for seeking best solutions and technologies for wholesome rejuvenation of river Ganga basin continues to engage with a variety of experts, academicians, stakeholders and communities at large and at different levels. The debate, deliberations and discussions continue with all concerned including international agencies at different platforms, seminars, forums, workshops leaving indelible imprints of Ganga mission and involving a huge variety of diaspora – within and outside the country in this national cause of unprecedented scale.

Snapshots form NMCG engagement in the quarter October – December 2018

Shri Nitin Gadkari, Hon'ble Minister of WR, RD & GR chairing a meeting on 23rd October 2018 to review the progress of Namami Gange projects in the state of Uttarakhand, Bihar, Jharkhand and West Bengal along with Shri Suresh Kumar Sharma, Hon'ble Minister of UD, Government of Bihar, Shri U.P. Singh, Secretary, MoWR RD & GR, Shri Rajiv Ranjan Mishra, Director General, NMCG and other officers form the respective states.

The review of Namami Gange projects in the state of Uttar Pradesh on 5th December 2018 under the chairmanship of Shri Nitin Gadkari, Hon'ble Minister of WR, RD & GR and in the presence of Shri Suresh Khanna, Hon'ble Minister of Urban Development, Government of UP, Shri U.P. Singh, Secretary, MoWR RD & GR and with team NMCG led by Shri Rajiv Ranjan Mishra, DG and officers of State of UP.

Shri Nitin Gadkari, Hon'ble Minister of WR, RD & GR presiding over the third Empowered Task Force meeting in the presence of Shri Amitabh Kant, CEO, Niti Ayog, Shri Parmeswaran Iyer, Secretary, Ministry of Drinking water and Sanitation, Shri D.S. Mishra, Secretary, Ministry of Urban Development, Shri U.P. Singh, Secretary, MoWR RD & GR and Shri Rajiv Ranjan Mishra, DG, NMCG on 26th December 2018 to decide inter-ministerial issues of Ganga rejuvenation.

A one-day workshop on Urban Café on 31st October 2018 being addressed by Shri Rajiv Ranjan Mishra, DG, NMCG on the need for urban planning and management on the banks of the rivers. Shir U.P. Singh Secretary, MoWR RD & GR gave the key note address. Shri Sanjeev Sanyal, Principal Economic Advisor, DEA, MoF also graced the event. The workshop focused on various policy approaches for bringing in synergy between urban management and the health of river.

Inauguration of Sarkanda ghat at Sahibganj by Ms. Uma Bharti, Hon'ble Minister of Drinking Water and Sanitation on 3rd November 2018.

Ms. Uma Bharti, Hon'ble Minister of Drinking Water and Sanitation along with Hon'ble Chief Minister of Uttarakhand inaugurating the Nathani ghat at Srinagar on 23rd November 2018.

Multi Stakeholder Engagements

The tripartite Concessionaire Agreement being signed between NMCG, UP Jal Nigam and M/s Shapoorji Pallonji and Company Limited for development of sewerage treatment infrastructure in Kanpur city under the Hybrid Annuity Model on 21st December 2018 in the gracious presence of Shri Nitin Gadkari, Hon'ble Minister of WR, RD & GR, Dr. Satpal Singh, Hon'ble Minister of State for WR, RD & GR, Shri Arjun Ram Meghwal, Hon'ble Minister of State for WR, RD & GR, Shri U.P. Singh, Secretary MoWR RD & GR and Shri Rajiv Ranjan Mishra DG, NMCG.

River basin Organizations (RBOs) from world over interacted with NMCG over a two-day workshop on 22nd and 23rd November 2018 where Shri Rajiv Ranjan Mishra, DG, NMCG gave the key note address and team NMCG held discussions on modelling NMCG as an RBO. The workshop was attended by 6 RBOs.

NMCG held a one-day symposium on Spatial technology in Ganga projects on the occasion of the GIS Day on 14th November 2018, which had key note addresses by Shri U.P. Singh, Secretary MoWR RD & GR, Lt. General Girish Kumar VSM, Survey of India, Shri Santanu Chowdhury, Director, NRSC and Shri Rajiv Ranjan Mishra, DG, NMCG.

Shri U.P. Singh, Secretary, MoWR RD&GR along with Shri Rajiv Ranjan Mishra, DG, NMCG, team NMCG & experts on muesemology during a two-day workshop in association with GIZ on 29th & 30th November 2018 where various experts on museums gave their inputs for setting up a Ganga museum.

Shri Ajay Narain Jha, Finance Secretary, Ministry of Finance, GoI reviewed the Namami Gange projects in Haridwar and carried out site inspection of ongoing projects at STP Sarai and Chandi Ghat on 20th December 2018. The Finance Secretary expressed satisfaction on the progress of projects in Haridwar.

Ganga Rejuvenation projects in Varanasi and Prayagraj in Uttar Pradesh

The Hon'ble Prime Minister inaugurated and laid foundation stone for various projects of sewerage treatment infrastructure in Varanasi and Prayagraj on 12th November, 2018 and 16th December, 2018 respectively. These projects are aimed at comprehensive sewage treatment management in these iconic cities on the banks of river Ganga in Uttar Pradesh

"त्रिवेणी की शक्ति का एक बड़ा स्रोत है माँ गंगा। माँ गंगा स्वच्छ हों, निर्मल हों, अविरल हों, इसके लिए सरकार तेज गति से काम कर रही है।

आज जो प्रोजेक्ट्स का लोकार्पण हुआ है उसमें गंगाजी की सफ़ाई और यहाँ के घाटों के सुंदरीकरण से जुड़े अनेक प्रोजेक्ट्स भी शामिल हैं।"

Ganga Rejuvenation projects in Varanasi

- Current sewage generation – 300 MLD expected to go up to 400 MLD by 2035.
- 13 projects sanctioned under 'Namami Gange' at ₹913.07 crore for Ganga cleaning at Varanasi district.
- Other sewage projects worth ₹703.14 crore taken up under other schemes–JNURM and AMRUT for interventions and house service connections.
- These projects along with existing STP capacity will result in creation of 412 MLD treatment capacity in Varanasi town, sufficient to meet demand up to year 2035.
- One project of sewage treatment of Ramnagar sanctioned for ₹72.91 crore under 'Namami Gange'. Two projects of bioremediation of Assi river and Ramnagar drain for a period of one year have been sanctioned at a total cost of ₹8.45 crore for treatment of drains till they are tapped in upcoming STP at Ramanna, Varanasi.
- A project for repair works for ghats at ₹11.73 crore sanctioned under 'Namami Gange' apart from regular cleaning of 84 ghats in Varanasi and river surface cleaning which are being done regularly in association with Varanasi Nagar Nigam.
- Hon'ble Prime Minister inaugurated Dinapur STP of 140 MLD, along with pumping stations at Chauka Ghat, Phulwaria and Saraiya and construction of interceptor sewer along Varuna and Assi. The Hon'ble Prime Minister also laid foundation stone of 10 MLD Ramnagar sewage management project.

Hon'ble Prime Minister inaugurating sewerage management projects at Varanasi on 12th November 2018

Hon'ble Prime Minister inaugurating sewerage network projects and laying foundation stone for sewerage management projects in trans Ganga-Yamuna area in Prayagraj on 16th December 2018

Ganga rejuvenation projects in Prayagraj

- Current sewage generation is estimated at 250 MLD which is expected to grow up to 300 MLD by 2035.
- 10 projects of sewerage management have been taken up under 'Namami Gange' at a cost of ₹2915.78 crore.
- 4 projects have been completed creating treatment capacity of 119 MLD and 2 projects are at advanced completion stage of creating sewerage network.
- Project for bioremediation treatment of drains for 6 months for Kumbh.
- 6 ghats and 3 crematoria at a cost of ₹88.03 crore are being completed by March 2019.
- Trash skimmer deployed at Prayagraj for river surface cleaning.
- Hon'ble Prime Minister inaugurated 2 more completed projects for creation of 175 km of sewerage network and laid foundation stone for 2 projects for sewerage management in trans Ganga-Yamuna area which will create 3 STPs having total treatment capacity of 72 MLD.

Hon'ble Prime Minister performing Aarti at Sangam on 16th December 2018

Hon'ble Prime Minister keenly looking at the Dinapur STP model at NMCG stall in Varanasi on 12th November 2018

Ganga – *Connecting People*

'Mission Gange'

A river rafting expedition with Ms. Bachendri Pal

Ganga – a name which evokes reverence and respect from one and all, cuts across various divides and unifies everyone on its innumerous ghats and banks all along its 2525 km long journey. It connects regions, religions, caste, class, languages, cultures and above all people who are joining hands for restoring its pristine glory.

NMCG in its quest for connecting people with mission clean Ganga joined hands with the legendary Ms. Bachendri Pal, the celebrated first Indian woman Everester and the Tata Steel Adventure Foundation (TSAF) for undertaking a river rafting expedition titled 'Mission Gange' with the aim of creating awareness amongst the populace on the 'Namami Gange' program, cleaning ghats and banks and sensitizing the river side communities on the need for keeping the water clean and for conservation of flora and fauna along the river.

The team was blessed by the Hon'ble PM on 4th November 2018 in Delhi and also interacted with the Hon'ble Minister of Water Resources, RD & GR before commencing the expedition from Uttarakhand. The 'Mission Ganga' expedition was flagged off with great zeal and enthusiasm from the holy city of Haridwar on 5th November 2018 where the team started with 'Shramdaan' at the 'Har Ki Pauri' and during the course of next two days engaged with thousands of children and joined them in the mission clean Ganga. The expedition took to waters on six river rafts on the morning of 8th October 2018 to sail downstream on river Ganga and traversed a length of 1500 km spread over 9 towns and concluding the journey in Patna on 30th October 2018. During this 25 day sojourn on the river and its banks, the team led from the front by Ms. Bachendri Pal cleaned the Ghats and banks, sensitized the public on efforts being made and most importantly reached out to thousands of students from schools, colleges and universities with a view to incepting them into this national cause of cleaning the biggest river system of the country.

Highlights of the 'Mission Gange' expedition

- Multi-level and multi-stakeholder campaign involving District Administration, Ganga committees, State Forest Departments, Jal Nigams, Municipal Corporations, Ganga Vichaar Manch, Volunteers of Nehru Yuva Kendra Sangathan, WII, Ganga Praharis, schools, academic institutions, youth groups, voluntary organizations, communities on the river side – **a truly peoples' movement.**
- Reached out to approximately 30000 students of schools and colleges to sensitize them on 'Mission clean Ganga'.
- Collected around 50 tonnes of waste during massive cleanliness drive across ghats and banks on the riverside.
- Took part in kavi sammelan, painting competitions, rallies, cultural programs and reached out to thousands of people conveying swachh Ganga message.
- Participated in afforestation drives and planted trees along the banks of the river.
- Swachh Sankalp and oaths undertaken by team along with scores of volunteers including children and youth all along.

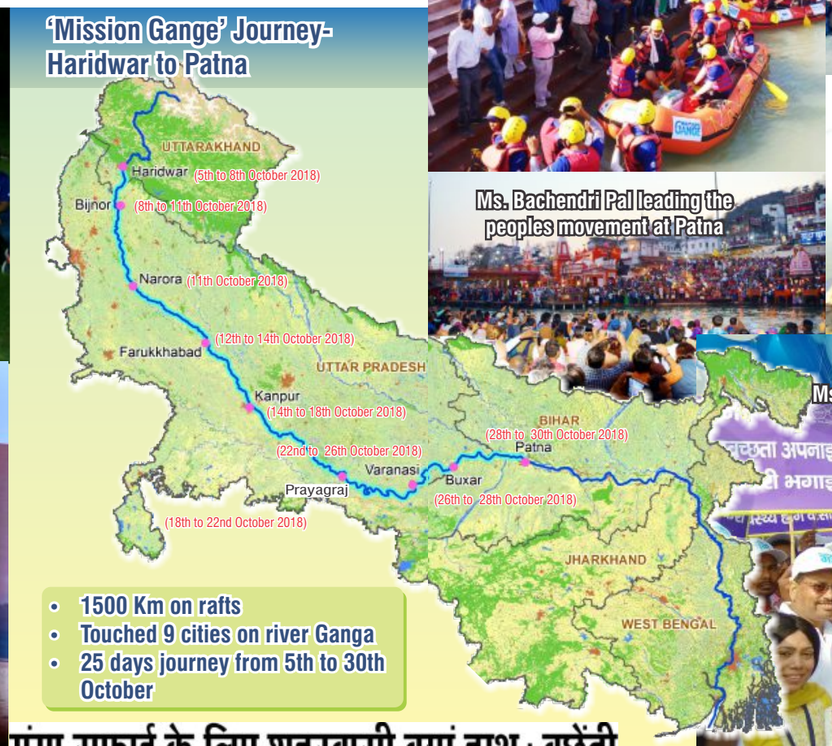
Mission Ganga river rafting expedition served to highlight the visibility of 'Namami Gange' programs and interventions at the ground level and at the same time joined people, stakeholders and communities in creating awareness for clean, green and healthy river Ganga and its surroundings.

Photo feature on 'Mission Gange' Expedition

Hon'ble Prime Minister interacting with 'Mission Gange' team led by Ms. Bachendri Pal at New Delhi

Hon'ble Minister WR, RD & GR with Ms. Bachendri Pal and team at New Delhi on 4th October 2018

Team NMCG led by Shri Rajiv Ranjan Mishra, DG and Ms. Bachendri Pal briefing the media on 'Mission Gange' expedition at New Delhi on 4th October, 2018



Team taking to waters from Haridwar on 8.10.2018

Ms. Bachendri Pal leading the peoples movement at Patna

Team 'Mission Gange' all set for the expedition- at Bijnor

Ms. Pal with school Children

Ms. Bachendri Pal leading the cleanliness drive at Prayagraj

Walking for Ganga at Buxar

Ms. Bachendri Pal connecting people with Ganga

Pledging to save Ganga-at Varansi

Greening Ganga

Ganga-*Connecting People*

Bal Ganga Mela

4th November, 2018

River Ganga was declared as the national river of India on 4th November 2018. NMCG taking into account, the importance of this date has been organizing special programs for engaging with the environment around and with different entities and stakeholders including the public at large specially children and youth to convey the message for clean and green Ganga.

The second edition of this activity was conducted as a 'Bal Ganga Mela' with a view to involving children of up to the age of 14 years in the Ganga cleaning cause, educate them on various aspects of Ganga and the need for keeping it clean, green and healthy.

National Mission for Clean Ganga (NMCG) in partnership with HCL Foundation, and German development agency GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit) organized "Bal Ganga Mela" at HCL Noida campus on Sunday, November 4, 2018. More than 500 children from HCL Foundation-supported government schools in Noida, bridge centres, Power of One community champions and Scholars participated in the mela. The day is symbolic as it is dedicated to raising awareness about rejuvenating the holy river and teaching children to become environmentally aware and responsible citizens.

The Bal Ganga Mela was inaugurated by Shri U.P. Singh, Secretary, Ministry of Water Resources, River Development & Ganga Rejuvenation in the presence Shri Rajiv Ranjan Mishra, Director General, NMCG, Shri. Rajiv Kishore, Execuitve Director (Admin), Shri Rozy Agarwal, Executive Director (Finance), Shri D.P. Mathuria, Executive Director (Technical), Ms. Nidhi Pundhir, Director, HCL Foundation, Ms. Martina Burkard, Programme Director, GIZ (Support for Ganga Rejuvenation) and Mr. Anil Kumar Singh, Chief Development Officer, Gautam Budh Nagar. The Mela was organized with the objective to create awareness among the school children on the importance of water in general and rivers in particular so that they understand the importance of unpolluted, clean water and water security, and also to foster respect for the natural environment and motivate the children to change their attitudes, encouraging students to become ambassadors of change, who influence and motivate others towards river rejuvenation and water conservation.
The participating children engaged in day-long activities that included Water Quality Testing, Waste Segregation, Interactive Games, Street Play, Rangoli, Painting, Quiz Competition and Movie Screening.

HCL partnering with 'Namami Gange'

NMCG and HCL Foundation have joined hands for conservation of environment and the indigenous flora and fauna. To scale up the momentum of this mission, HCL Foundation also signed an MoU with NMCG under HCL Foundation Program for Afforestation. HCL Foundation and NMCG have agreed to work on tributaries of Ganga, that are Hindon and Yamuna to increase the forest cover in parts of UP and Uttarakhand with the following objectives:

- Sensitization/awareness programs on Forest and Environment Conservation;
- Urban and peri urban afforestation under the urban forest model of HCL Foundation- "Foundation Upvan";
- Mass afforestation on Government allotted land and creation of Urban Forests in partnership with the NMCG and District Administration;
- Ensure plantation success rate of 60 to 70% at the end of 10 years from the date of signing of the MoU between both the parties.

Contributing towards the Namami Gange Collaboration, HCL Foundation also took part in a mass afforestation drive along the tributaries Hindon and Yamuna in and around Noida as Noida has been a major focus area for HCL Foundation. Going forward, the geographic area, Gautam Buddha Nagar and Noida in particular has been prioritized by HCL Foundation for its overall development with clear focus on environmental issues. This area has major tributaries to Ganga namely Hindon and Yamuna & any work towards eco system conservation will contribute towards rejuvenation of Ganga Basin. HCL also pledged to contribute as much as possible towards environmental conservation of this area, given that HCL was born in Noida & houses more than 28000 people working in HCL itself.

Ms. Nidhi Pundhir, Director HCL Foundation and Shri Rozy Agarwal, Executive Director (Finance), NMCG signing an MoU on 4th November, 2018 for carrying out afforestation activities in and around Gautam Budh Nagar in UP and for joint action for environment conversation.

Highlights of 'Bal Ganga Mela'

The day long activities included-

- Water quality testing stations
- Ganga Basin giant puzzle
- Waste segregation activity
- Snakes and Ladder game
- Street Plays
- Quiz Competition
- Toilet Games
- I pledge campaign
- Creative area
- Wheel of Fortune

Various tools, games and interactive sessions were held during the day to sensitize children and adults to keep the river bodies and environment clean, green and healthy. The proud winners received attractive prizes.

Glimpses from the 'Bal Ganga Mela'

Shri U.P. Singh, Secretary, MoWR RD&GR inaugurating the 'Bal Ganga Mela' along with Shri Rajiv Ranjan Mishra, DG, NMCG and other dignitaries.

Children and Adults enthusiastically taking part in various games and activities during 'Bal Ganga Mela'

India Water Impact Summit

5-7 December, 2018, Vigyan Bhawan, New Delhi

The India Water Impact Summit, an annual event to discuss the rejuvenation of the Ganga River Basin, provides a platform to start a discourse towards adopting a new paradigm to understand water as a natural resource whilst bringing together different participants and stakeholders from around the globe interested in doing their part for the river basin. The efforts may take various forms including: data collection (sensors, LIDAR, modelling etc.), hydrology, e-flows, agriculture, waste water and more.

The Summit was inaugurated by Shri Nitin Gadkari, Hon'ble Minister of Water Resources, River Development and Ganga Rejuvenation in the presence of Shri Hardeep Singh Puri, Hon'ble Minister of Urban Development, Dr. Satya Pal Singh, Hon'ble Minister of State for Water Resources, River Development and Ganga Rejuvenation, Shri U.P. Singh, Secretary, Water Resources, River Development and Ganga Rejuvenation, Shri Rajiv Ranjan Mishra, Director General, National Mission for Clean Ganga and Dr. Vinod Tare, founder of cGanga.
Over 500 people attended the Summit from more than 15 countries including: Belgium, France, Germany, Israel, Denmark, Spain, Italy, Luxembourg, Ghana and more. The Summit was graced by the Minister for Sanitation and Water Resources from Ghana, Ms. Cecilia Dapaah, His Excellency the Ambassador of Slovenia, Mr. Jozef Drofenik, the Deputy head of mission for Israel Ms. Maya Kadosh, the Deputy Head of Mission for Germany, Mr. Jasper Wieck and the Director for the World Bank Group's Water Global Practice Mr. Steven Schonberger, all of whom spoke about the importance of continuing efforts in the Ganga River Basin. They also emphasized the fact that continuing foreign relations on this matter would be beneficial for all.

Focus areas of the Summit

- Spotlight on 5 states: Uttarakhand, Uttar Pradesh, West Bengal, Delhi and Bihar. The objective was to showcase the efforts and works going on within the respective states.
- Ganga Financing Forum: The 2018 Summit also introduced the inaugural Ganga Financing Forum that will bring a number of institutions to a common knowledge, information and partnership platform. The Hybrid Annuity Model has redefined the economic landscape of water and waste-water treatment in India. Additionally, the Government is also now encouraging development of smaller decentralized waste water treatment projects.
- Technology and Innovation: Implementation of the pilot/demonstration programme known as the Environment Technology Verification (ETV) process.

Business at the Summit

Throughout the 3-day Summit, 18 companies presented their clean technology solutions which could potentially be implemented in the river basin. The companies were then questioned by a jury to determine whether or not their product would aptly fit the Indian way of life. Post the Summit it can be concluded that the majority of these companies will continue working side by side with cGanga and the National Mission for Clean Ganga. Overall the Summit saw an increase in international participation as well as holding promises for future endeavors. The Summit should provide a baseline for encouraging more involvement in the rejuvenation of the Ganga River.

Shri Nitin Gadkari, Hon'ble Minister Water Resources, River Development and Ganga Rejuvenation along with Shri Hardeep Singh Puri, Hon'ble Minister for Urban Development releasing state reports during the inaugural session of the Summit

Shri Rajiv Ranjan Mishra, Director General, NMCG interacting with the Israeli delegation on the sidelines of the Summit

Shri U.P. Singh, Secretary, MoWR addressing the delegates during the valedictory session of the Summit on 7th December, 2018

Shri Nitin Gadkari, Hon'ble Minister, WR, RD&GR speaking at the Summit on 5th December, 2018

Business sessions during the Summit

Kumbh – a celebration on Ganga

The 13th Ardh Kumbh is being celebrated on the banks of the holy 'Sangam' – the confluence of river Ganga-Yamuna and the mythical 'Saraswati' at Prayagraj. It is one of the biggest religious congregation world over with an estimated 20 crore people (200 million) who are likely to visit the sprawling Mela campus. The event spread over 45 days is a spectacle with men and women taking dip in the holy waters, doing penance on the banks, living by the banks and seers and commoners soaked in holy spirits alike.

The Government of the state of Uttar Pradesh along with various departments and Ministries of the Central Government have joined hands to make this 'Kumbh' a successful event and provide best of facilities, amenities and above all clean waters and Swachh ghats to the visitors.

National Mission for Clean Ganga has also lent a helping hand in the organization of 'Kumbh' and has contributed to swachh drive at the Mela Campus.

NAMAMI GANGE ACTIVITIES FOR KUMBH 2019 IN PRAYAGRAJ

- **Toilets- Financial assistance of ₹113 crore for 27,500 toilets and 20,000 Urinals.**
- **Solid Waste Management-Financial assistance of ₹3.6 crore for 16,000 dustbins & lining bags.**
- **Public outreach activities- ₹16.68 crore for various IEC activities including 'Paint My City' campaign.**
- **Bioremediation of drains-Project for 53 drains through bioremediation /Phytoremediation for 6 months.**
- **Namami Gange Exhibition.**
- **Awareness by Ganga Prahari, Ganga Vichar Manch and Ganga Task Force.**

National Mission for Clean Ganga @ 'Kumbh Mela' 2019

The Namami Gange stall at the Mela Campus is a big draw for the visitors of all types – specially the children and the youth. The stall displays the projects undertaken under 'Namami Gange' program with various stakeholders on board the stall, who are engaging with the visitors to convey the message of clean and green Ganga. The various models of projects and aquatic species and exhibits are endearing one and all to the stall.

Visit 'Namami Gange' pavilion at Sector-1, New Parade Ground, Eklavaya Chauraha, Prayagraj

IMPORTANT SNAN DAYS

15th January	21st January	4th February	10th February	19th February	4th March
Makar Sankranti	Paush Poornima	Mauni Amavasya	Basant Panchami	Maghi Poornima	Mahashivratri

OUR PARTNERS

भारतीय वन्यजीव संस्थान
Wildlife Institute of India

SERIES-7

The Wildlife Institute of India (WII) was established in 1982, in Dehra Dun, Uttarakhand, with a mandate to support nature conservation, foster the development of Wildlife Science and '*Build Capacity for Wildlife Conservation*' in the country (http://www.wii.gov.in/establishment). It is an autonomous institution of the Ministry of Environment Forest and Climate Change (MoEFCC) and has been registered as Society under the Societies Registration Act, 1960 (Act 21 of 1860).

WII's researches on various aspects of biology, ecology, management and socio economic aspects relevant to landscapes, ecosystems and species in different Protected Areas/States all over the country. These researches have contributed vital information for effective management and conservation of wildlife resources in the country.

WII, a lead knowledge partner in Ganga rejuvenation has been entrusted with a project "Biodiversity Conservation and Ganga Rejuvenation" under the "Namami Gange" program. This project aims to prepare a science-based aquatic species conservation plan for Ganga river and has established the Ganga Aqualife Conservation Monitoring Centre (GACMC) to spearhead conservation of the Ganga river and its aqualife.

In order to garner public support towards the conservation of the river and its aqualife and promote sustainable use of its resources, a dedicated cadre of '*Ganga Prahari*' has been created under the project, which is actively involved in conservation of Ganga River and its aquatic diversity and in carrying out public outreach sensitization. Rescue and rehabilitation centres have been established at Narora and Sarnath by WII.

NAMAMI GANGE | नमामि गंगे

NATIONAL MISSION FOR CLEAN GANGA

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