



Spectrum



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The Interact club of DPS New Town got involved in many projects during the week *Ms Debjani Chatterjee, faculty and Interact Coordinator of DPS New Town, reports on October 19, 2022*



RCSLMK sponsored The Interact club of DPS New Town participates in Heritage Walk; raises fund by selling self-made colored and decorated diya (clay made oil lamps); holds anti-cracker and dengue prevention campaigns; distributes self-made bio-degradable bags



The members of Interact club of DPS New Town participated in a Heritage Walk through the roads and lanes of Badur Bagan, Parsi Bagan and Garpar areas of North Calcutta on Sunday, October 16, 2022 from 2.30 PM onward.



The objective was to get themselves acquainted to renowned people of nineteenth and twentieth, centuries; prime Institutions of the same period, some of which are still thriving, some stopped functioning, some got shifted; and old Buildings of significance, some of which, in absence of appropriate heritage status and legal protection thereof, got engulfed by builders to let them explore commercial gains therein.



The walk started from the main gate of Rajabazar Science College being founded by Sir Ashutosh Mukherjee in 1914. The walk, thereafter, went through the residence of Girindrashekar and Rajsekhar Basu. Psychologist Girindrashekar was the founding President of India's first Psychological Society, being housed initially at his family residence. His brother Rajsekhar was a writer, famed as Parasuram, of late nineteenth and early twentieth century. Residence of Iswarchandra Banyopadhyay (Vidyasagar) in Badurbagan is now converted to a museum. The nearby training ground of Anushilan Samity, an Indian fitness club, which was actually used as an underground society for anti-British revolutionaries, now got converted to a Community Hall run and maintained by Kolkata Municipal Corporation.



On the other side of Acharya Prafulla Chandra Road Road, at Garpar, famous writer, painter, innovator in Block making, publisher and printers Upendra Kishore Roychaudhury, father of Sukumar Ray and Sukhalata Rao lived. Globally famed film

We meet calendar months' 2nd & 4th Saturdays at GPT Group, JC 25, Salt Lake, Kolkata 700098 at 6.00 PM

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maker Satyajit Ray, the son of Sukumar was born in the family's Garpar home hundred years ago
While walking, the Interactors got an idea about the importance and specialness of this day. Along with the walk through the houses of the famous people, the architectural feats around them were explained by accomplished people and thereby they went through hands-on heritage learning.



An Interactor of DPS New Town tributes by garlanding the bust of Raja Ram Mohan Roy, an eighteenth and nineteenth century social reformer; founder of Brahma Samaj and "Father of the Bengal Renaissance" Photo courtesy: Sanjiban Sen



The Interactors walked holding banners, festoons, posters; garlanded the busts of renowned personalities; tied around the wrists the RAKHI's (colored and decorated threads) of the passers-by and special guests as a symbol of brotherhood; took the blessings of the aged residents and had fun among themselves.

The Interactors were very happy and so were the organizers. The program was organized by the famous PKG Society (PKG, an abbreviation of PURONO KOLKATAR GOLPO meaning anecdotes of old city of Kolkata) under the current presidency of Ms Debjani Chatterjee, who is the teacher-in charge and coordinator of Interact club of DPS New Town. Somenath Ghosh, an eminent historian with immense knowledge specially of the history of Kolkata, guided and made students inquisitive of the heritage of Kolkata
The program was held in association with the West Bengal Heritage Commission to commemorate Anti Partition movement of 1905.



On the following day, on Monday, October 17, 2022, the Interactors organized a fund raising program in the campus of

DPS New Town by selling self-decorated Diya, also named as Deepak or Deep (Oil lamp made from clay or mud with a cotton wick dipped in ghee) and self-made cookies. Both Diya and sweets, specially, homemade, are in demand during upcoming Dewali season of the year. The program accumulated a sum of Rs.11000.00.



Similar fund raising in the past, prior to the festival of Dewali, by the Interactors, was meant specially for gifting, on the occasion National Children's Day, the children of PREMASREE, an NGO for the hearing impaired children at Ghatakpukur, South 24 parganas

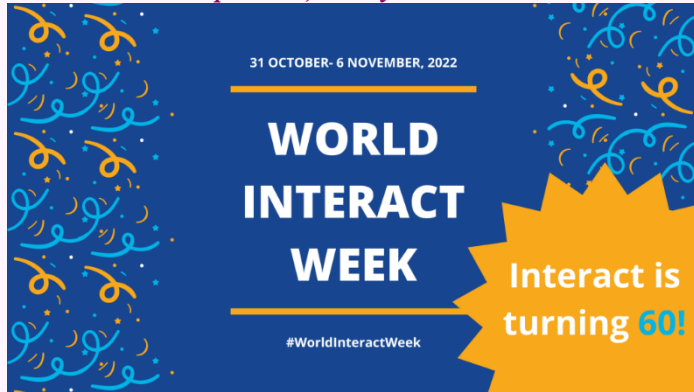


Interact Club of DPS Newtown conducted an anti-cracker march and-dengue awareness campaign with banners in the vicinity of and around CK Market, Salt Lake on Wednesday, October 19, 2022. They further distributed self-made paper bags among the shopkeepers of the market.



Celebrate 60 years of Interact this World Interact Week

Posted on October 20, 2022 by Casey Jones, Programs and Communications Specialist, Rotary International



Interact clubs bring together young people ages 12-18 to develop leadership skills while engaging in service across their communities. This World Interact Week, Rotary celebrates a legacy of 60 years of Interactors changing the world by demonstrating Service Above Self.

Want to join in the celebration? Below are four ways you can participate in this historic event:

Join the party on social media

Register for the Facebook World Interact Week event to follow all event information, including first access to the announcement of the Interact 60th Anniversary campaign and opportunities for alumni engagement. Attend a Facebook LIVE chat hosted by the Interact Advisory Council on **2 November 2022 at 8:00 am Chicago Time** and use #WorldInteractWeek and #Interact60 to share your own celebrations!

Participate in the 2022 Interact Awards

Encourage your sponsored Interact club to show how it champions diversity, equity, and inclusion across its service projects, club, and community by participating in the 2022 Interact Awards. Nominate your Interact club by 1 December 2022 for an opportunity to be named “Best Video,” “Best Photo,” or “Best Essay” and receive funds to support your club’s next project. Learn more at <http://on.rotary.org/2022INTERACTAWARDS>

Make progress toward the Rotary Citation

World Interact Week is a great time to work with your sponsored club to complete a Certificate of Recognition to highlight the positive impact of your Interact club’s service projects. Remember, social media promotion of a World Interact Week activity by your Interact club is an optional goal towards achieving the Rotary Citation for Interact Clubs. Use this worksheet to track your progress throughout the year.

Start a new Interact club

Lifelong connections to Rotary often begin with Interact. Invest in developing young leaders by sponsoring an Interact club. Find out how fulfilling youth service can be when you invite young people to Interact!

Water: An Accelerator for Green, Inclusive, and Resilient Growth

By Saroj Kumar Jha, Global Director, Water Global Practice, World Bank on October 21, 2022

Our common future depends on water. We need water to eradicate poverty, promote green growth, and build more equitable societies. But we also don’t have enough of it.



The PAMSIMAS program supports Indonesian households to get better access to quality water supplies and improved sanitation services. Photo credit: Chris Stowers/World Bank

According to current estimates, the world will face a 40 percent gap between water supply and demand by 2030. This gap is exacerbated by climate change – the effects of which are primarily felt in the water cycle through extreme weather events. Floods and droughts alone are projected to cause \$5.6 trillion in losses to the global economy by 2050. Recent research shows that employment is reduced by 2.5 percentage points during extremely dry years. At the same time, water services are aggravating climate change – they are high GHG emitters, energy hungry, and inefficient. The wastewater sector alone is responsible for about 10 percent of human-caused methane emissions.

Effectively managing water resources is a key driver of our ability to cope with the effects of climate change and reduce emissions. Water can help lead the shift to renewable energy, yet only about 10 percent of hydroelectric potential is being used. Better planning and investment in water systems, improved water pricing and valuation, and efficient water use and storage will improve our resilience to climate shocks.

Agriculture consumes 90 percent of all water resources, while irrigation consumes 70 percent of the world’s freshwater. We need to find ways to produce more food with less water if we are to feed a population of 10 billion by 2050 . This will require water reforms and efficient water and energy use in agriculture. As the second largest GHG emitter after energy, and the biggest emitter of methane, the agricultural sector has a central role to play in climate change mitigation. For example, using alternate wetting and drying irrigation methods in rice fields — responsible for emitting 11 percent of all human-caused methane emissions — can reduce their water use by up to 30 percent and their methane emissions by 48 percent.

The competition for water is fierce and the financing needs are enormous. We cannot grow and develop inclusively unless everyone has access to water. Over 2.3 billion people lack safe drinking water and 3.6 billion people lack safe sanitation. Water is also essential to reducing fragility and conflict risk. Water insecurity intensifies existing grievances, deepens inequalities, and increases tensions. Conflict-affected countries are also more likely than others to lack safe access to water, which at times poses a greater threat than the conflict itself – children under the age of five are 20 times more likely to die from diarrhea linked to unsafe water and sanitation than from war-related violence.

It will cost about \$1.7 trillion to provide safe drinking water for all – about three times current investment levels . And this is only one part of the water agenda; investment needs for safely managed water are expected to reach \$22.6 trillion by 2050. These investments save lives, but they also save money in the long term: every \$1 invested yields a \$4 return through saved medical costs and increased productivity. We can achieve

universal access through strong partnerships, reforms – including in policies, institutions, regulation, and pricing – and by mobilizing public and private financing.

The more we know about the water crisis, the more we can do to close the financing gap and direct funds where they are needed most. In support of this, the World Bank Water Data website has the largest collection of water data in one place, and recently added a new feature on water quality. Data transparency will allow us to manage water better, particularly shared water that crosses borders.

About 60 percent of the world's freshwater flows through transboundary river basins, covering more than 40 percent of the planet. Transboundary cooperation – based on transparent, accurate, accessible data – is central to building resilience to climate risks, improving water security, and sharing water-related opportunities, like food and energy production.

Water is critical for climate adaptation, sustainable growth, and development. Governments need to urgently embark on bold reforms in the water sector given the uncertainties presented by climate change. Effective institutions, policies, and regulations are needed to address water security and prepare communities and governments to adapt. In support of this, the World Bank, the largest water sector funder in the world, is working with governments, businesses, and civil society towards a water-secure world. Our portfolio includes 147 active projects totaling over \$25 billion. The Water Global Practice hosts two trust funds: the Global Water Security & Sanitation Partnership (GWSP), the world's largest think tank working on water issues, and the 2030 Water Resources Group, a unique public, private, civil society partnership.

Water security requires a multi-stakeholder approach, which is why events such as the upcoming UN 2023 Water Conference are critical in bringing a diverse set of actors together for concerted and coordinated action. The conference will discuss global progress on the implementation of the International Decade for Action on Water and Sanitation, 2018 to 2028, which will contribute to the ongoing global dialogue on how we can manage water resources better and mobilize private finance to accelerate green, resilient, and inclusive development.

Brief outline of the Global Grant 1991152

Purpose: 'Fight against Anemia in Women'

Objectives: Treat women of Anemia by screening and treatment and prevent by educating them

Title: 'Matri-Raksha' - protection of mothers

Scope of work: Provide screening camps, minor and major surgeries, medicines, awareness training, healthcare professional training and providing diagnostic equipment at community health centers

Coverage: Both districts of 24 Parganas, West Bengal, India

Sponsors: Rotary clubs of Salt Lake Metropolitan Kolkata of District 3291, India and Nidau-Biel, Biel-Bienne, Biel-Buttenberg of District 1990, Switzerland:

Grant Partners: Rotary Foundation India, the Rotary Foundation of Rotary International,

Associates: Related Government and civic bodies, NGO's

QUOTE

Literacy is, finally, the road to human progress and the means through which every man, woman and child can realize his or her full potential. Kofi Annan

UNWIND

It is true that love is blind but marriage is definitely an eye-opener.

Birthdays of members in October 2022

Sanjay Agarwal on October 5, 2022

President Elect Ansul Agrawal on October 7, 2022

Past President Dr Chitra Ray on October 15, 2022

October is Economic & Community Development month

TAILPIECE

Austrian Rotary member Anton Zeilinger wins Nobel Prize in physics



Anton Zeilinger, member of the Rotary Club of Wien-West in Austria won the 2022 Nobel Prize in physics.

Photo by Thomas Duncan/Photography; courtesy of the John Templeton Foundation

Anton Zeilinger, a member of the Rotary Club of Wien-West in Austria, was among three physicists who were announced as the winners of the Nobel Prize in physics on 4 October for their experiments in quantum mechanics. Their research laid the groundwork for rapidly developing new applications in computing and cryptography.

Zeilinger, a professor at the University of Vienna, shared the award with French physicist Alain Aspect and U.S. physicist John F. Clauser. Their experiments explored quantum entanglement, a phenomenon that occurs when two particles behave as a single unit, even when separated. The three scientists will share the prize of nearly US\$900,000.

"I'm still kind of shocked, but it's a very positive shock," Zeilinger told reporters in Stockholm, Sweden, shortly after learning that he won. "I was actually very surprised to get the call."

He also acknowledged the contributions of more than 100 students who had worked for him over the years. He advised young people, "Do what you find interesting, and don't care too much about possible applications."

The Nobel Prizes are announced every October and November by committees in Sweden and Norway for groundbreaking contributions in chemistry, economic sciences, literature, peace work, physics, and physiology or medicine. In December, Zeilinger and the other laureates will accept their award in Stockholm.

Zeilinger has been a Rotary member since 2001.

14-Oct-2022