

International Coastal Cleanup (ICC) Day 2023

Baguran Jalpai (Lal Kakra) Beach, West Bengal



16th September 2023

Coordinator: Dr. Sudipta Kumar Ghorai
Associate Professor
Egra Sarada Shashi Bhusan College
Egra, Purba Medinipur, West Bengal

Ocean Society of India

Date: 16th September 2023

Time: 7:30 am

Particulars requested	Details provided
Name of beach, district, state	Baguran Jalpai Beach, Purba Medinipur, West Bengal, India.
Longitude and latitude	87.765807°E and 21.695785°N
Name of co-ordinator	Dr. Sudipta Kumar Ghorai
Name of implementing institution with full details, such as, addresses,	Egra S.S.B College , Egra , Purba Medinipur , WB
Inaugural details (supported by photograph)	Inaguration by Dr. Sudipta Kumar Ghorai, Programme coordinator, in presence of Dr. Swapan Mishra, Principal, Mugberia College, Dr. Sachchidananda Bhattacharya, Retired Professor, Dr. Pritiranjana Maity, Headmaster, Hirapur Dasagram High School, Dr. B. A. Ghata, Om Sri Guru Nursing Home as guests and Dr. Dr. Dipak Kumar Tamili, Principal, Egra College at 9.15 am at Baguran Jalpai Beach. (Fig. 1)
Total Number of participants, their details such as school students, college student, local fishermen, teachers, policeman and so on	Total 67 Students (B.Sc) - 53 (21M , 32 F) Teachers 14
Participating institutions names	Egra Sarada Shashi Bhusan College, Egra, Purba Medinipur, WB, India.
Area covered	1 km
Starting time and ending time	9.30 am and 12.15 pm
Total number of items collected	31
Total quantity (including all)	8748 in number
How wastes are being disposed off	Municipality Wastage Vat

What was the condition of the beach before starting beach cleaning (supported by photograph)	Figure 3.
What is the condition of the beach after beach cleaning (supported by photograph)	Figure 4.
According to the Co-ordinator, what are the factors which creates pollution and waste dumping the coast	Huge Tourists pressure without proper waste management, food stalls dump their waste on beach.
How much quantity of waste collected Please attach the data)	301.7 kg
What is the nature of the beach, give full details	Baguran Jalpai is a tranquil beach destination on the Bay of Bengal, 165 km away from Kolkata. The beautiful sea beach destination is located under Contai Subdivision of East Medinipur and is just four hours journey from Kolkata A relatively new entrant in the tourism map of West Bengal, Baguran Jalpai's virgin beauty beckons the explorer to seek peace and serenity amid nature. Due to the perfect seclusion of this un-spoilt beach, you will feel like a castaway, and yet enjoy the comforts of a relaxing beach holiday. The entire length of the golden beach is bordered with dense casuarina forest.
What are the solutions for avoiding waste	Awareness (Poster LED screen), Use more dustbin on stand, Ban on single use plastic.
According to you, how we can generate wealth from waste	Waste of fish drying can be converted to manure via vermicomposting, recycling of untreated shrimp farming water and reuse to reduce the consumption of ground water.
Any other information	
Photographs of beach cleaning activity	Figure 5 & 6.
Press releases, media publicity details etc.	Picture attached in last page.



Fig.1: Initial gathering before starting the cleanup drive at Baguran Jalpai Beach.

On the designated day for the cleanliness drive, all participants departed from the college campus and convened at Baguran Jalpai Beach at approximately 7:30 am. Upon arrival, all attendees were equipped with gloves, hand sanitizer and first-aid protocols. A section of beach was selected for the cleanup activity and the length and breadth of the beach was measured (Fig. 2).

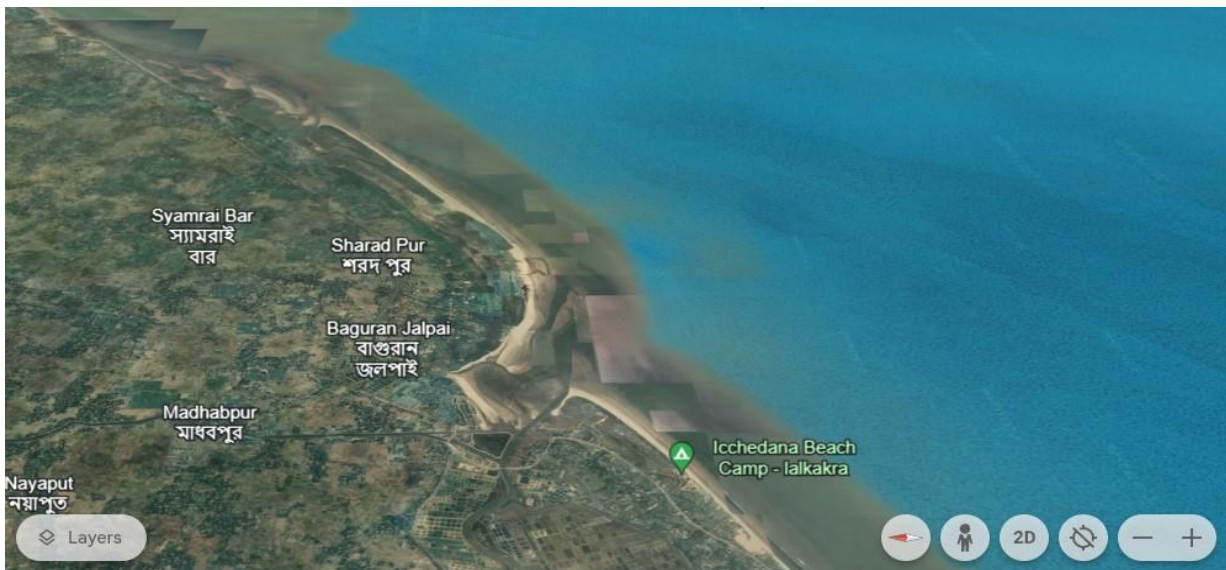


Fig.2: Location of coastal cleanup drive, Baguran Jalpai (Lalkakra) beach (Image Courtesy: Google Earth)

At 9:15 am, the cleanup drive was officially inaugurated by Dr. Sudipta Kumar Ghorai, Associate Professor at ESSBC. Dr. Ghorai addressed the gathering, emphasizing the importance of such initiatives and their significance (as shown in Figures 1). Following this inaugural address, the participants were organized into groups, and the collection of marine litter commenced (as depicted in Figures 4 and 5).



Fig.3: The condition of the beach before starting beach cleaning.



Fig.4: The condition of the beach after beach cleaning.



Fig.5: Marine litter collection from Baguran Jalpai Beach.



Fig.6: Marine litter collection from Baguran Jalpai Beach.

ICC Day 2023 Datasheet

Category	Description	No. of items	Weight (kg)
Plastic	Plastic water bottle	345	29.45
	Plastic liquor bottle	35	3.9
	Plastic Medicine bottle	32	1.8
	Polythene cover (carry bags)	876	1.3
	Plastic spoon	745	1.4
	Plastic straw	723	0.6
	Plastic cups	1429	21.4
	Food containers (box)	108	8.3
	Food wrappers	1156	5.4
	Cigarette butts & filters	520	0.8
	Cigarette packs	340	1.6
	Plastic rope	78	4.2
	Fishing lures	32	2.8
	Fishing floats	34	3.1
	Fishing nets	56	37
	Toys	19	4.5
	Mesh bags (for fruits and vegetables)	25	0.5
	Foam plastics (Thermocol, Sponge)	140	5
Other plastics items (Mix plastic)	270	8.2	
Glass	Liquor glass bottle	180	29
	Medicine glass bottle	21	4.6
	Other glass items	44	13
Metal	Tin Cans	38	2.4
	Foils	240	5.7
Papers	Cardboard boxes & fragments	135	7.4
Cloths	Face Mask	185	2
	Hat	28	4.6
Wood	Ice cream sticks	210	0.25
	Wood (Others)	52	34
Rubber	Footwear(flip-flops)	342	36.5
	Coconut shells	310	21
Total			301.7

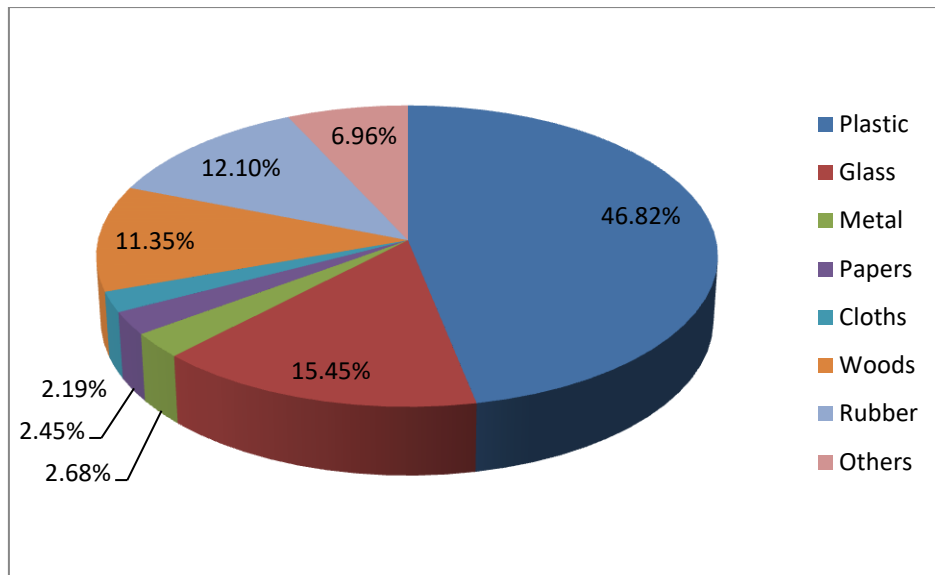


Fig.6: Types of marine litter collected from Baguran Jalpai Beach cleanup program.

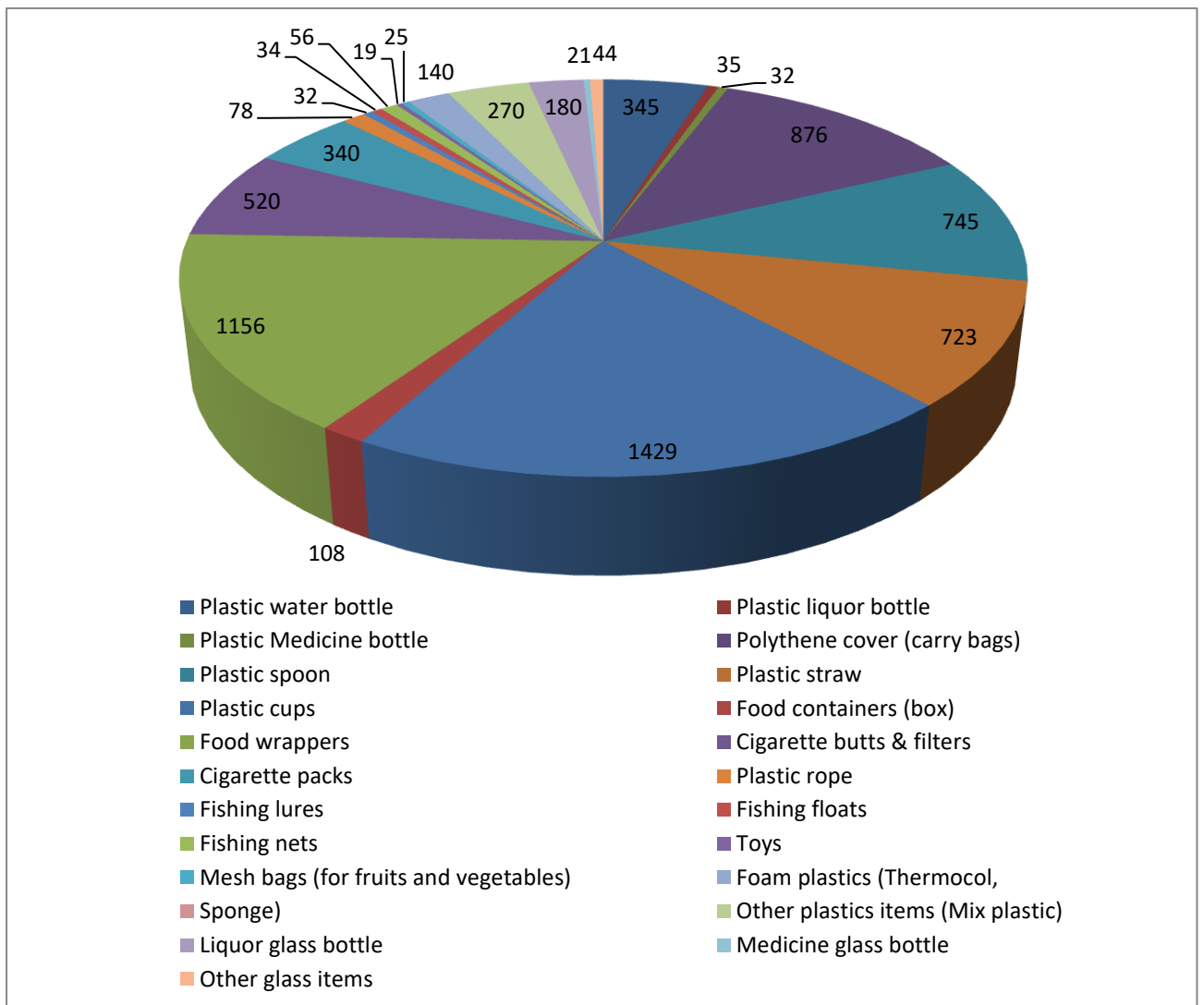


Fig.7: Types of plastic collected from Baguran Jalpai Beach cleanup program.

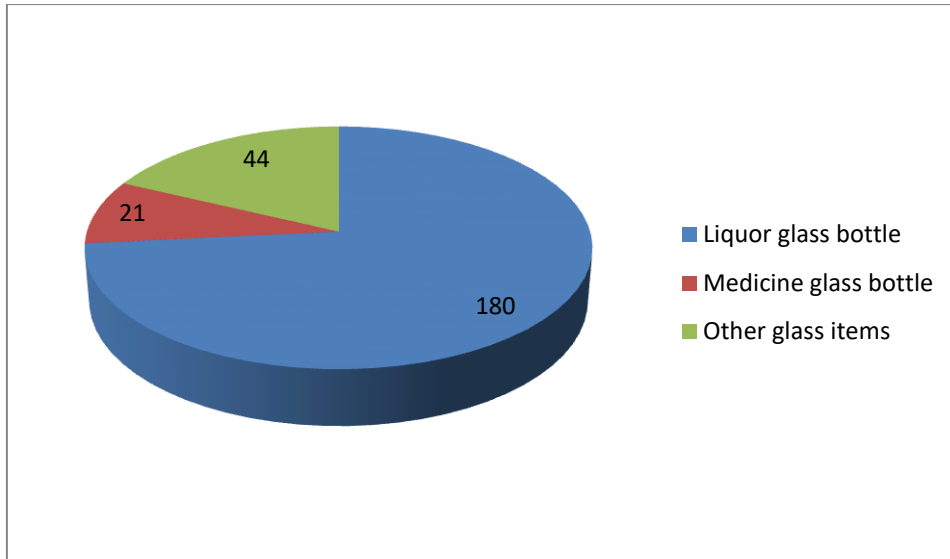


Fig.8: Types of glass collected from Baguran Jalpai Beach cleanup program.

Each form of marine debris that had been separated was weighed and put into bags. Both biodegradable and non-biodegradable marine debris weighing a combined 301.7 kg was collected and disposed of. In the end, Dr. Dipak Kumar Tamili, Principal, ESSBC, started an awareness campaign. The impact of garbage menace on the marine ecosystem and its repercussions for people were explained to the locals and tourists who had congregated on the beach. This cleanliness campaign was a great success thanks to the passionate participation of the ESSBC students and staff.

Media Coverage

এগরা কলেজের সৈকত পরিচ্ছন্নতা অভিযান

১৭ সেপ্টেম্বরঃ এগরা সারদা শশীভূষণ কলেজের ব্যবস্থাপনায় ন্যাশন্যাল সেন্টার ফর কোস্টাল রিসার্চ ও ওসান সোসাইটি অফ ইণ্ডিয়ার আনুকূলে আন্তর্জাতিক তটভূমি পরিচ্ছন্নতা সপ্তাহ - ২০২৩ উপলক্ষে 'স্বচ্ছ সাগর ও সুরক্ষিত সাগর' প্রকল্পে বেলাভূমি পরিচ্ছন্নতা অভিযান চালানো হয় রবিবার বগুড়ান জলপাইতে সকালে ও দীঘায় বিকেলে। উদ্বোধন করেন অধ্যক্ষ ড. দীপক তামিলী। উপস্থিত ছিলেন মুগবেড়িয়া কলেজের অধ্যক্ষ ড. স্বপন



মিশ্র, 'পরিয়াবরণ মিত্র পুরস্কার প্রাপ্ত পরিবেশ প্রেমী ড. প্রীতিরঞ্জন মাইতি, ডা. বাদল অশ্রু ঘাটা, অধ্যাপক ড. সচ্চিদানন্দ ভট্টাচার্য প্রমুখ। প্রায়

সাড়ে চার কুইন্ট্যাল বর্জ্য সংগৃহীত হয়। ছাত্র-ছাত্রীদের নিয়ে সমগ্র কর্মসূচী পরিচালনা করেন অধ্যাপক ড. সুদীপ্ত ঘোড়াই।

International Coastal Cleanup Day 2023 at Boguran Jalpal Beach, West Bengal

EOI CORRESPONDENT

KOLKATA, SEPT 18/-/21 dedicated participants from Egura SSB College, West Bengal, came together on September 18, 2023, to observe International Coastal Cleanup Day. The event, made possible through financial assistance from the NCCR & OSI, saw an enthusiastic response from both students and faculty members alike. The entire program was coordinated by Dr. Sudipta Kumar Ghorai, who ensured that the day was not only a success but also an educational experience for all involved.

Among the dignitaries present at the event were Dr. Dipak Kumar Tamili, Principal of Egura SSB College, Dr. Swapan Mishra, Principal of Mughberia Gangadhar College, Dr. B. A. Ghata, Member of the Governing Body (GB), Dr. S a c h c h i d a n a n d a Bhattacharya, former Professor, and Dr. Prityranjan Maitty, Headmaster of a local school, who graced the occasion as resource persons. Their presence added weight to the importance of the event and served as a source of inspiration to the participants.

The highlight of the day was the collective effort put forth by the participants in cleaning up Boguran Jalpal Beach. A staggering total of 800 kilograms of garbage was collected during the program, consisting of plastic waste, discarded fishing gear, and other debris that pose a threat to marine life and the coastal environment.

Dr. Ghorai, who played a pivotal role in organizing the event, expressed his gratitude to NCCR and OSI for their financial support and to all the participants for their unwavering dedication to the cause.

আন্তর্জাতিক কোস্টাল ক্লিন দিবস পালন

স্টাফ রিপোর্টারঃ ১৬ সেপ্টেম্বর। এগরা সারদা শশীভূষণ কলেজের ছাত্রছাত্রীরা সাড়ম্বরে পালন করল ইন্টারন্যাশনাল কোস্টাল ক্লিন আপ ডে। কন্টাই ১-এর বগুড়ান জলপাই সমুদ্র উপকূলে প্রায় এক কিলোমিটার এলাকা থেকে ৮০০ কেজি বর্জ্য অপসারণের মধ্য দিয়ে দিনটি পালন করা হয়।

বর্জ্য পদার্থের অধিকাংশই ছিল প্লাস্টিক (প্লাস্টিক বোতল, মাছ ধরার জাল, থার্মোকল ইত্যাদি)। এগরা কলেজের ৫১ জন ছাত্র ও ১০ জন গবেষক এই কর্মসূচিতে অংশগ্রহণ করে। এই কর্মসূচিতে নেতৃত্ব দেন এগরা কলেজের অধ্যক্ষ ডঃ দীপক

কুমার তামিলী, মুগবেড়িয়া কলেজের অধ্যক্ষ ডঃ স্বপন মিশ্র, এগরা কলেজের পরিচালন সমিতির সদস্য ডাঃ বি. এ. ঘাটা, প্রাক্তন অধ্যাপক ডঃ সচ্চিদানন্দ ভট্টাচার্য, বিশিষ্ট প্রধান শিক্ষক ডঃ প্রীতিরঞ্জন মাইতি ও এগরা কলেজের প্রাণীবিদ্যা বিভাগের অধ্যাপক ডঃ সুদীপ্ত কুমার ঘোড়াই। এনসিসিটি-এর অর্থানুকূলে অনুষ্ঠিত হওয়া এই কর্মসূচির মধ্য দিয়ে এগরা কলেজ জনসাধারণের মধ্যে 'স্বচ্ছ সাগর, সুরক্ষিত সাগর' এর যন্ত্রবীজ রোপন করতে পেরেছে যা ভবিষ্যতে সাগরকে স্বচ্ছ রাখতে এবং পরিবেশবান্ধব সমাজ গড়ে তুলতে সাহায্য করবে।