



ACTIVITIES OF THE GOA STATE BIODIVERSITY BOARD (GSBB) DURING THE FINANCIAL YEAR 2023-24

(FOR INCLUSION IN THE ANNUAL REPORT OF NBA 2023-24)

Sr.No	Information required on items/activities	Details
1.	Name of the SBB/UTBC	Goa State Biodiversity Board (GSBB)
2.	Details of incumbents of the following posts during 2023-24 (Name, Designation & Tenure etc. & Postal Address along with Phone No./ Official E-mail/Fax).	
2A	Chairperson	<p><u>Shri. Nilesh Cabral</u> Hon'ble Minister for Environment and Climate Change; Chairperson, Goa State Biodiversity Board (GSBB). Designation: Chairperson Tenure: 23.12.2021 till 04.12.2023 Postal address: Ministerial Block, 1 st Floor, Secretariat, Porvorim, Bardez- Goa Email: goanbiodiversity@gmail.com</p> <p><u>Shri. Aleixo Sequeira (Present Chairperson)</u> Hon'ble Minister for Environment and Climate Change; Chairperson, Goa State Biodiversity Board (GSBB). Designation: Chairperson Tenure: 05.12.2023 till 22.12.2024 Postal address: Ministerial Block, 1st Floor, Secretariat, Porvorim, Bardez- Goa Email: goanbiodiversity@gmail.com</p>
2B	Member Secretary	<p><u>Dr. Pradip V. Sarmokadam</u> Designation: Member Secretary Tenure: 23.12.2021 till 22.12.2024 Postal address: Goa State Biodiversity Board C/o Department of Science Technology and Environment, Opp. Saligao Seminary, Saligao, Bardez- Goa Phone: +91 7758814514 Email: pradipgsbb@gmail.com; goanbiodiversity@gmail.com; goa-gsbb@gov.in</p>
3	Statutory developments during the year (Details of	

	notifications /rules/orders issued)					
4	No. of Board Meetings conducted with date of each meeting during 2023-24	GSBB has conducted 42 nd Board Meeting (Regular) held on 27 th September 2023 at Conference Hall, Ministerial Block.				
5	Budget and Expenditure of SBB/UTBC (With concise head-wise details) 2023-24	Budget		Expenditure		
		Given in Annexure -I				
5A	Funding sources availed by SBB/UTBC (Rs. in Lakhs)	State Fund / Fund of UT administration	Fund from NBA	CAMP A	Panchayat	Other sources
		Given in Annexure - II	Given in Annexure - III	-	-	Given in Annexure -IV
6	Biodiversity Heritage Sites (BHS)	Notified		Identified / Proposed		
		<p>‘Purvatali Rai’, Sacred Grove of Surla village is notified as Biodiversity Heritage Site vide notification No.7/17/2019-20/GSBB/BHS /037/ 960, printed in official gazette, Govt. of Goa, Series I No.38 dated 13th December 2019.</p>		<p>a) Curtorim Lakes: “<i>Unique Water management system is one of the most indigenous engineering of linking of fresh water lakes within this heritage site between Raitollem, Maitollem and Angdi lakes and this supports agricultural and piscicultural practices round the year</i>” Village Name: Curtorim BMC Name: Curtorim-Biodiversity Management Committee. Taluka: Salcete District: South Goa. State: Goa. (Note:The draft notification of the Curtorim BHS has been notified in the official gazette, Govt. of Goa.)</p> <p>b) Rivona Plateau: “<i>Unique Flora of Goa Dipcadi goense- A critically endangered species</i>”. Village Name: Rivona BMC Name: Rivona-Biodiversity Management Committee. Taluka: Sanguem District: South Goa. State: Goa.</p>		

			<p>c) Chicalim Bay: “Habitat of <i>Endangered species of Goa- Window-pane Oyster (Scientific ame: Placuna placenta)</i>”.</p> <p>Village Name: Chicalim BMC Name: Chicalim-Biodiversity Management Committee. Taluka: Mormugao District: South Goa. State: Goa.</p> <p>d) Sateri Sacred Grove: Sateri Sacred Grove of Penha De Franca Village Name: Penha De Franca BMC Name: Penha De Franca - Biodiversity Management Committee. Taluka: Bardez District: NorthGoa. State: Goa.</p>			
7	Progress in the preparation/revision of State Biodiversity Strategy and Action Plan (SBSAP)	The first draft of Goa State Biodiversity Strategy and Action Plan (GSBSAP) is ready for release after code of conduct & subsequently public consultations will be held.				
8	Preparation of LBSAP (Local Biodiversity Strategy and Action Plan) , if any	-				
9	Assessment of City Biodiversity Index, if any (Name of the city and year of releasing report)	-				
10	Identification of potential OECM (Other Effective area based Conservation Measures), if any	-				
11	Number of BMCs constituted at different levels	Village/ Panchayat	Block/Taluk/ Mandal	Nagar Palika /Municipality	Zilla Parishad /District	Total
11A	Number of BMCs at the beginning of the year as on 1 st April 2023	191	0	14	0	205
11B	Formed during the year (2023-24)	Nil	0	Nil	0	Nil
11C	Total number of BMCs at the end of the period as on 31 st March 2024	191	0	14	0	205

12	Number of PBRs prepared at different levels	Village/ Panchayat level	Block/Taluk/ Mandal	Nagar Palika /Municipal ity	Zilla Paris had /Distr ict	Total
12A	Number of PBRs at the beginning of the year as on 1 st April 2023	191	0	14	0	205
12B	PBRs documented during the year (2023-24)	Nil	0	Nil	0	Nil
12C	Total number of PBRs at the end of the period as on 31 st March 2024	191	0	14	0	205
12D	Number of PBRs updated so far	-	-	-	-	-
12E	Number of Electronic PBRs	41(of which 3 submitted to second level)	-	1	-	42
13	Details of films, posters/brochures prepared on Biodiversity of the State/UT by SBB/UTBC during 2023-24 (If so, please enclose photograph)	Attached in Annexure –V				
14	Details of legal action taken against any offender(s) under the Biological Diversity Act, 2002, if any	Nil				
14A	Litigation /Court cases/Offences (Please mention details in brief)	Attached in Annexure –VI				
14B	Conducting preliminary enquiry to establish prima-facie an offence (Please mention details in brief)	Nil				
15	Activities of the SBB/UTBC during 2023-24 under Sec.23(B) & Sec.24(1)-of the Act	-				
15A	Under Sec.23(B) of the Act – grant of approval for commercial utilization or Bio-survey & Bio-utilization, during 2023-24	No. of applications received since inception of SBB/UTBC up to 31.03.2024	No. of applications approved up to 31.03.2024		No. of applications rejected/prohibited during 2023-24	
		3 Nos	3 Nos		Nil	
		No. of applications received during 01.04.2023 to 31.03.2024	No. of applications approved during 01.04.2023. to 31.03.2024		No. of applications under processing	

		Nil	Nil	Nil
15B	Under Sec.24(1)-Prior intimation received from Indians, Indian Companies/ Organizations /Association, during 2023-24	No. of applications received since inception of SBB/UTBC up to 31.03.2024	No. of applications approved up to 31.03.2024	No. of applications rejected/prohibited during 2023-24
		14 Nos.	14 Nos.	Nil
		No. of applications received during 01.04.2023 to 31.03.2024	No. of applications approved during 01.04.2023 to 31.03.2024	No. of applications under processing
		6 Nos.	6 Nos.	Nil
16	Details of celebrations/Awareness Programmes/training Programmes carried out by the SBB/UTBC during 2023-24 (Photos if any may be enclosed)	<p>✚ <u>Days of Celebrations</u></p> <ul style="list-style-type: none"> GSBB had organized celebration of International Day for Biological Diversity 2023, on 22.05.2023. Launch of Nationwide initiative for PBR (People's Biodiversity Register) updation and verification along with Goa State Biodiversity Conservation Awards 2023. (Report is attached). Celebration of World Wetland Day 2024 on 02.02.2024 at Saulem lake at Pilerne Bardez Goa. Yuva Jagruti Pre IDB-2024 function held on 10th February 2024 at Institute Menezes Braganza- Panaji Goa. <p>✚ <u>Training programme by Goa State Biodiversity Board carried out during 1st April 2023 to 31st March 2024 – (Given in Annexure VII)</u></p> <p>✚ <u>Awareness programme by Goa State Biodiversity Board carried out during 1st April 2023 to 31st March 2024 – (Given in Annexure -VIII)</u></p>		
17	Details of any awards/ recognition /appreciation received by the SBB/UTBC during 2023-24	-		
18	Details of any awards instituted by the SBB/UTBC and conferred on individuals/ organizations during 2023-24 for conserving Biodiversity & related matters	<p><u>Goa Biodiversity Conservation Awards 2022-2023.</u></p> <p>Individual Awards Category:</p> <p>1. Dr. Dattaram Desai - South Goa</p> <p>Biodiversity Management Committee Category:</p> <p>1. Penha De Franca Biodiversity Management Committee- North Goa</p>		

		<p>2. Raia Biodiversity Management Committee – South Goa</p> <p>Applied Biodiversity Researcher Award Category:</p> <p>1. Dr. Savita Kerkar</p> <p>Biodiversity Enthusiast Category Category:</p> <p>1. Shri. Vitthal Shelke (North Goa)</p> <p>Green Journalist Category:</p> <p>Shri. Avit Bagli</p> <p>and the certificates for Special Appreciation and Special Recognition of the concerned personalities for the work in the field of Biodiversity conservation were appreciated/recognized during the function.</p>
19	Any other information	<p><u>GSBB has also charge of:</u></p> <ul style="list-style-type: none"> • ‘Nodal Agency’ for Goa State Wetland Authority (GSWA), Govt. of Goa. • Member Secretary, GSBB is ‘Nodal Officer’ for State Level Steering Committee for National Adaptation Funds for Climate Change (SLSC & NAFCC), Govt. of Goa. • Member Secretary, GSBB is appointed as Member for State Level Advisory Body (SLAB) constituted under Solid Waste Management Rules, 2016. • ‘Key State Technical Institute’ for One District One Product (ODOP) under Formalization of Micro Food Processing Enterprises (FME) Scheme. • Member Secretary, GSBB designated as Chairman, Technical Committee on Tree Plantation to provided holistic approach for plantation of trees constituted by The Tree Plantation Authority, Govt. of Goa vide order dated 12.10.2021. • Member Secretary, GSBB appointed as Member of Research Advisory Committee (RAC) to promote research activity in the Forest Department on the issues related to forest and wildlife in the state of Goa vide order dated 21.01.2022. • Member Secretary, GSBB is appointed as ‘Nodal Officer’ to carry out the activities under the LIFE Mission. • Member Secretary, GSBB is appointed as Member, State Board for Wildlife.

		<ul style="list-style-type: none"> • Member Secretary, GSBB appointed as Member for Aerodrome Environment Management Committee constituted by Directorate of Civil Aviation. • Member Secretary, GSBB is appointed as member of Goa Waste Management Corporation. • Member Secretary, GSBB is appointed as Member, State Level Advisory Committee on Solid Waste Management. • Member Secretary, GSBB appointed as Member for Tree Authority Committee for the State of Goa. • Member Secretary, GSBB appointed as Nodal officer for Mega Beach Cleaning event. • Member Secretary, GSBB appointed as Nodal officer for Green Election. • Member Secretary, GSBB appointed as Expert Committee Member to study the existing administrative structure of the State Biodiversity Boards (SBBs) and Union Territory Biodiversity Councils (UTBCs) and suggests reforms to execute various function mandated under Biological Diversity Act. • Member Secretary, GSBB appointed as Member on Monitoring Committee for drafting of Heritage Policy for the State of Goa. • Member Secretary, GSBB appointed as Member for sub-committee to develop the curricula for the grades 9th, 10th, 11th & 12th of the Goa Board of Secondary and Higher Secondary Education . • Member Secretary, GSBB appointed as Member for implementation of One Taluka One Product under Atmanirbhar Bharat & Swayampurna Goa
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Date: 15.04.2024



(Handwritten Signature)

Dr. Pradip V. Sarmokadam
Member Secretary,
Goa State Biodiversity Board

Details of various Funding/Grants received by Goa State Biodiversity Board in financial year 2023-24

Sr.No	Name of the Funding Department/Financial Institution	Purpose of Funding	Amount of Funding Received (Rs.)	Expenditure Amount (Rs.)
1.	Department of Environment & Climate Change Govt .of Goa	Grant-in-aid for routine functioning of GSBB	2,23,00,000.00	2,23,00,000.00
2.	Directorate of Civil Aviation	Compensatory Plantation of Mopa Airport through BMCs and locals from the villages.	10,00,000.00	7,00,000.00
3.	Directorate of Industries Trade & Commerce	Funds for salary payment of PMU staff under PMFME scheme	5,50,000.00	5,30,000.00
4.	National Biodiversity Authority	NBA outsourced Personnel Grant-in-aid	14,50,000.00	12,77,000.00
5.	National Biodiversity Authority	Grant-in-aid for Celebration of IDB 2023	2,00,000.00	2,50,000.00
6.	National Biodiversity Authority	Grant-in-aid for updation cum verification of PBRs	1,00,000.00	1,00,000.00
7.	National Biodiversity Authority	Grant-in-aid for Nationwide Launch of PBR updation	10,00,000.00	21,20,000.00
	Total		2,57,00,000.00	2,72,77,000.00

Date: 15.04.2024



Dr. Pradip V. Sarmokadam
Member Secretary,
Goa State Biodiversity Board

Annexure-II

Details of Grant-in-aid received by Goa State Biodiversity Board from State Govt.-Goa in the financial year 2023-24

Sr.No	Name of the Funding Department/Financial Institution	Purpose of Funding	Amount of Funding Received (Rs.)	Expenditure Amount (Rs.)
1.	Department of Environment & Climate Change Govt .of Goa	Grant-in-aid for routine functioning of GSBB	2,23,00,000.00	2,23,00,000.00
	Total		2,23,00,000.00	2,23,00,000.00

Date: 15.04.2024



Dr. Pradip V. Sarmokadam
Member Secretary,
Goa State Biodiversity Board

Details of Grant-in-aid received by Goa State Biodiversity Board from NBA in the financial year 2023-24

Sr.No	Name of the Funding Department/Financial Institution	Purpose of Funding	Amount of Funding Received (Rs.)	Expenditure Amount (Rs.)
1.	National Biodiversity Authority	NBA outsourced Personnel Grant-in-aid	14,50,000.00	12,77,000.00
2.	National Biodiversity Authority	Grant-in-aid for Celebration of IDB 2023	2,00,000.00	2,50,000.00
3.	National Biodiversity Authority	Grant-in-aid for updation cum verification of PBRs	1,00,000.00	1,00,000.00
4.	National Biodiversity Authority	Grant-in-aid for Nationwide Launch of PBR updation	10,00,000.00	21,20,000.00
	Total		27,50,000.00	37,47,000.00

Date: 15.04.2024



(Signature)

Dr. Pradip V. Sarmokadam
Member Secretary,
Goa State Biodiversity Board

Details of various Funding/Grants received by Goa State Biodiversity Board in financial year 2023-24

Sr.No	Name of the Funding Department/Financial Institution	Purpose of Funding	Amount of Funding Received (Rs.)	Expenditure Amount (Rs.)
1.	Directorate of Civil Aviation	Compensatory Plantation of Mopa Airport through BMCs and locals from the villages.	10,00,000.00	7,00,000.00
2.	Directorate of Industries Trade & Commerce	Funds for salary payment of PMU staff under PMFME scheme	5,50,000.00	5,30,000.00
	Total		15,50,000.00	12,30,000.00

Date: 15.04.2024



Dr. Pradip V. Sarmokadam
Member Secretary,
Goa State Biodiversity Board

Posters/Brochures prepared on Biodiversity by Goa State Biodiversity Board



POSTERS- 6 Nos.

Prides of Goa



Flame-throated Bulbul
(State Bird of Goa)



Gaur
(State Animal of Goa)



Malabar Tree-nymph
(State Butterfly of Goa)



Terminalia elliptica
(State Tree of Goa)

#BUILDBACKBIODIVERSITY



Goa State Biodiversity Board

C/o Department of Science, Technology & Environment,
Opp. Salgao Seminary, Salgao, Bardez, Goa - 403511.
Email: goastbiodiversity@gmail.com or goa-gabb@gov.in
Website: www.gabb.goa.gov.in

Design: Pragyaak and Gallery



22 MAY
INTERNATIONAL DAY FOR BIODIVERSITY

From Agreement to Action:
Build Back Biodiversity



The United Nations has proclaimed 22 May, the date when the text of the Convention on Biological Diversity was adopted in 1992, as the International Day for Biological Diversity to increase understanding and awareness about biodiversity issues. Every Biodiversity Day carries its own special significance, this year's global celebrations bring with it a renewed sense of hope with the adoption of the Kunming-Montreal Global Biodiversity Framework at COP 15. To mark this incredible and historic achievement, the proposal for this year's theme is: "From Agreement to Action: Build Back Biodiversity".

While there are several policies, documents and agreements the theme emphasizes the need for action at ground level by adopting inclusive and participatory methods. The State of Goa has an active network of BMCs at ground level and PBRs are prepared with almost care and responsibility, while there is a long way to go till we achieve transformative and visible change and build back biodiversity.

Brochure 2023

Annexure - VI**Status of Legal Cases of Goa State Biodiversity Board (GSBB) (Court wise Breakup)**

Sr. no	Title	Case No and Details	Case Status
<u>Cases in the Supreme Court of India New Delhi</u>			
1.	Mathala Chandrapati Rao V/s Union of India and Ors	Civil Appeal Nos. 5826 and 5827 of 2019, (Respondent No.35) filed before the Supreme Court of India, received on 13/09/2019	Pending

Cases before Hon'ble National Green Tribunal (NGT) WZ

Sr.no.	Title	Case No and Details	Case Status
1	Lopinho Xavier & Ors V/S State of Goa &Ors	Original Application No. 130/2017 (WZ) (received on 31/07/2017). National Green Tribunal (NGT) (WZ) (GSBB Respondent No. 03)	Disposed on 18.03.2024
2	Kashinath Shetye &Ors V/S The Chief Secretary & Ors)	Original Application No. 141 of 2017 (WZ) (received on 03.08.2018). National Green Tribunal (NGT) (WZ) (GSBB respondent No. 03	Disposed in January 2024
3	Royla C. Fernandes vs State of Goa & Ors	Original Applications no.42/2021 (Received on 24.06.21) WZ NGT(GSBB respondent no.5)	Pending
4	Calangute Constituency Forum Vs State of Goa & Ors.	Appeal No. 02/2024 (Respondent No.4)	Pending
5	The Chicalim Villagers Forum Vs. M/s Abhishek Engineering & Others	Execution Application No.03/2024(WZ) in Appeal no. 75/2016 (PB) (GSBB respondent no.8)	Pending

Before the Hon'ble High Court Of Bombay at Goa

Sr.no.	Title	Case No and Details	Case Status
1	Agnelo Barreto & 02 Others V/s North Goa Planning and Development Authority Thro. The Archdioceses & 12 Others	PIL Writ Petition No. 32 of 2019 (GSBB Respondent No.8)	Pending

2	Chimbel Gram Seva Kala and Sanskrutik Manch v/s Infotech Corporation of Goa Ltd. and Ors	(GSBB Respondent No. 6) PIL W.P. No. 41/2019, filed before the High Court of Bombay at Goa, received on 14/08/2019	Pending
3	Tapasya Infotech Pvt. Ltd Vs. Arturo Carlos D'Souza	Misc Civil Application 593/2023 (2268/2023 - F) in PIL Writ Petition No.10/2017 (GSBB Respondent No.5)	Pending

Annexure VII

Training programme and Workshop by Goa State Biodiversity Board carried out during 1st April 2023 to 31st March 2024

- GSBB held teachers and students training on 16.05.2023 for North Goa in Morning & South Goa Teachers in evening for involving them for process of PBR updation & verification.



- GSBB held cluster meeting/ orientation meetings for newly reconstituted BMCs. Details are as per below:
 - a) Cluster meeting of Sattari & Bicholim Taluka BMCs held on 03rd April 2023 at Auditorium Hall, Govt. College of Arts, Science & Commerce, Sanquelim Goa.
 - b) Cluster meeting of Quepem, Dharbandora, Sanguem & part BMCs from Ponda taluka held on 05th April 2023 at Auditorium Hall, Ravindra Bhavan, Curchorem Goa.



- GSBB organized training lecture for BMCs and General public on Human Wildlife Conflict Mitigation for North Goa on 5th September, 2023 and for South Goa on 8th September, 2023.
- GSBB in collaboration with National Institute of Rural Development and Panchayati Raj (NIRDPR)- India organized three days training program on "Sustainable use and Conservation of biodiversity at Panchayat Level with reference to the implementation of the Biodiversity Act 2002 from 11th to 13th December, 2023 for selected BMC Chairperson & BMC Secretaries.

- Goa State Wetland Authority (GSWA) Nodal Agency of GSBB organised Peer to Peer learning visit to Odisha to visit Chilika Lake, Ansupa Lake, and Tampara Lake with Chairperson GSWA & Hon'ble Environment Minister for Climate Change; Hon'ble Minister for Water Resource and selected members from other department, BMC and staff from 20.04.2023-23.04.2023.



Workshop

- GSBB attended Online workshop for capacity building on long term energy planning to achieve net Zero targets organized by GIZ India on 20.04.2023.
- GSBB attended one-day multi-stakeholder workshop on “Mainstreaming Biodiversity in the Coastal/Marine Tourism sector in Goa organized by Goa Forest Department and Goa Tourism Department on 29th September,2023
- GSBB and GSCCC collaborated with BITS Pilani Goa to organize One-day International Consultative Workshop on “Role of Forestry, Agroforestry, and Land Restoration in Achieving Net Zero in the Asian Region” on 12th December 2023 at DLT-10 Seminar Hall, BITS-Pilani, K K Birla Goa Campus, Goa.
- GSBB attended workshop organized by The Asia Partnership Facility and Corporation of the City Panaji, on Flood Management Assessment & Studies in the framework on 1st November, 2023.
- GSBB in collaboration with Wildlife Conservation Society- India organized a one-day workshop on Understanding the acceptance of alternatives to Bengal Monitor Lizard skins for use in Ghumats by artisans and players of Ghumats in Goa’ on 24.11.2023 at Auditorium Hall of the Goa State Pollution Control Board, Saligao.
- GSBB attended one day consultative workshop organised by Imagine Panaji Smart City Development Ltd on Integrated Urban Climate Action for Low- Carbon Resilient Cities on 29th November,2023.

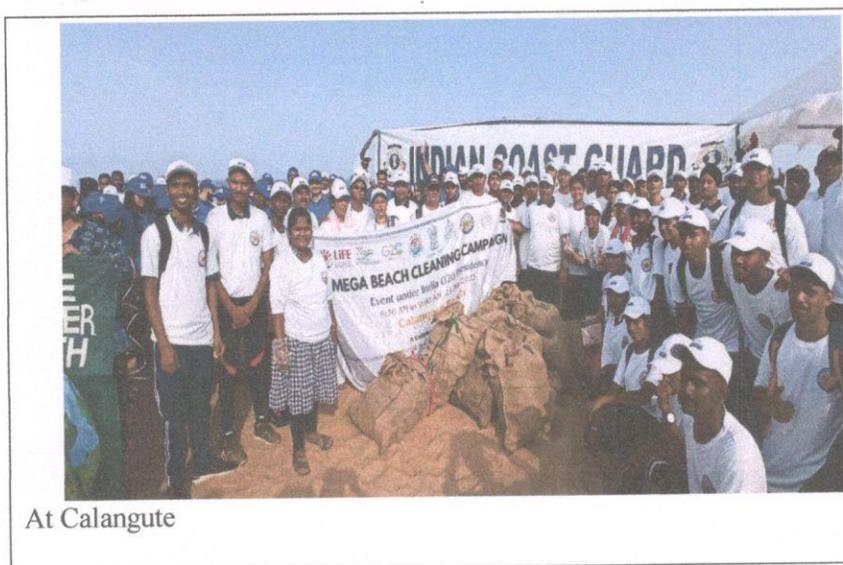
Annexure VIII

Activities by Goa State Biodiversity Board carried out during 1st April 2023 to 31st March 2024.

- Member Secretary attended ICAR foundation day on 01.04.2023.
- GSBB participated for Konkan Fruit Festival 2023, organized by Botanical Society of Goa from 21st – 23rd April 2023.
- GSBB & Goa State Climate Change organized one day conference on ‘Climate Change Interventions and Opportunities in Goa’ on 26th April 2023.



- Member Secretary, GSBB attended Tree Authority Committee Meeting Chaired by Chief Secretary, Goa on 04.05.2023.
- As a part of LiFE mission GSBB & GSCCC organised Mega Beach Cleaning Event at Colva & Calangute beach on 21.05.2023.



At Calangute



At Colva

- GSBB celebrated International Day for Biological Diversity 2023 & conducted interactive session by Padma Shri Smt. Rahibai Soma Popere on Seed Bank & Seed Preservation Techniques.



- Ministry of Environment, Forest and Climate change (MoEFCC), National Biodiversity authority (NBA), Government of Goa and Goa State Biodiversity Board organized a program the **Nationwide launch of People's Biodiversity Register updation and Verification of People's Biodiversity Register** from Goa on 23rd May 2023.



- GSBB in collaboration with Verna Industries Association Organised Cycle Rally (Cyclothon) on 04.06.2023 to Celebrate World Environment Day and World Bicycle Day to Promote Mission LiFE.
- Scientific & Administrative Officer, GSBB delivered talk on Flora & Fauna of Goa during awareness program to science students of Diago Vaz Hr. Secondary School on 27.06.2023.
- **Members of Biodiversity Management Committee (BMC) from Leh & Ladakh UTBC visited Goa From 02nd to 08th July 2023 under peer-to-peer learning visit.**
- GSBB in association with Goa Science Centre organized competition on 19.07.2023 on the occasion of World Environment Day’.
- **GSBB celebrated World Mangrove Day- 2024 and released a publication Mangroves: The Guardians of our Coast on 26.07.2023.**
- Scientific & Administrative Officer, GSBB delivered talk on Medicinal Plants of Goa during WIPRO Earthian program 2023 organized by Goa State Council of Science & Technology, Goa.
- **Goa State Biodiversity Board (GSBB), Goa State Climate Change Cell (GSCCC), and BITS-Pilani, K K Birla Goa Campus organized a brainstorming session on “Climate Change and Disaster Risk Reduction: Making Sustainability a Way of Life” with special focus on Goa, on 01.08.2023 at DLT-9 Conference Hall, BITS Pilani, K K Birla Goa Campus, Goa.**
- GSBB attended virtually Regional Research Conference on Forest Bioresources-Scope and for valorization’ on 25.08.2023.
- GSBB in association Green Ray Foundation organized Environmental Creative Contest on 30.08.2023 the occasion of World Environment Day’.

- GSBB in association with Adarsh Yuva Sangh organized one day Raan Bhaji Festival (Wild vegetable festival) on 02.09. 2023.
- GSBB developed & inaugurated Butterfly & Herbal Garden at Goa State Pollution Control Board on 07.09.2023.
- GSBB & Goa State Climate Change organized Beach Clean- Up Event on 15.09.2023 at Cavelossim Beach to commemorate World Clean-Up Day.
- Member Secretary, GSBB attended panel discussion as eminent panelist on Khazans of Goa on 16.09.2023, organised by Khazan Society of Goa.
- GSBB conducted training session on PBR for the Students of Environmental Science students of Dnyanprassarak Mandals College & Research Centre on 26th September, 2023
- Member Secretary, GSBB took One day training Module on Biodiversity Conservation and wise use for IFS officers at IGFNA Dehradun on 03.10.2023.
- On the occasion of 'National Wildlife Week' SAO delivered lecture to the students of Rosary College of Commerce & Arts, Navelim Salcete Goa on 03rd October, 2023.
- GSBB was support partner with Department of Environment & Climate Change to host Public Accounts Committee in Goa on 04th October,2023.
- **GSBB in association with Adarsh Yuva Sangh organized Traditional Herbal Medicine Exhibition for Lokotsav festival from 8th to 10th December 2023 at Cotigao Canacona.**
- **GSBB organized lecture on 30th October, 2023 on Bacterial Interventions for Environmental Restoration and Climate Change Mitigation by Prof Piyush Pandey is working at the department of Microbiology, Assam University, India, for Staff of Goa State Pollution Control Board.**
- Member Secretary, GSBB attended Project Screening Committee Meeting for 02 SFURTI proposals: 1. Krushi Samrudhi Paddy Multi Product Cluster of ATMA North, Goa and 2. Barcem Jaggery Multi Product Cluster of ATMA South of Goa, on 16th November 2023 at Khadi and Village Industries Commission, Mumbai.
- GSBB supported ICAR- CCARI Goa to organize XXII Biennial National Symposium on "Climate Smart Agronomy for Resilient Production Systems and Livelihood Security at ICAR premises from 22nd to 24th November 2023.
- Member Secretary, GSBB attended National Consultation Meeting on 28-29 November, 2023 at New Delhi.
- GSBB participated in the **Swayampurna Goa 2.0 Goa CSR Conclave 2023**, where GSBB was one of the 6 Government Departments Chosen to display their Activities and Opportunities for CSR.
- GSBB in collaboration Swordfish company organized various activities for **Echoes of Earth 2024 festival from 14th January 2024 to 3rd March 2024**. Activity details as follows:
 - i) Panel Discussion on ***Ecotourism: A Guardrail towards protecting Goa's biodiversity.***
 - ii) Wings of Wonder: Butterfly Walk

- iii) Feathers afloat: Bird watching in Boat
- iv) Beekeeping Educational Workshop
- v) Science & Storytelling
- GSBB in association with Adarsh Yuva Sangh organized Traditional Herbal Medicine Exhibition during Marathi Sahitya Sammelan on 13th & 14th January 2024 at Canacona Goa.
- GSBB associated with Goa Forest Depart to organize Pre- Festival Activities as part of 7th Bird Festival of Goa. GSBB conducted Bird trails at 10 identified wetlands.
- GSBB participated in Asian Waterbird Count 2024 along with Goa Bird Conservation Network.
- GSBB participated in 7th Bird Festival of Goa from 27-29 January 2024.
- Member Secretary, GSBB delivered talk on Wetlands- The Respiratory Guardians of Earth on 01st February 2024 at PES College Ponda.
- GSBB and Goa State Wetland Authority Celebrated World Wetland Day 2024 on 2nd February 2024.
- GSBB participated in Aqua Goa Mega Fish Festival from 02nd - 4th February 2024.
- GSBB in collaboration with Ganpat Parsekar College of Education organized a two days community outreach program on capacity building program for fisheries management cum bird trail on 9-10th February 2024.
- Member Secretary, GSBB delivered lecture on Biodiversity Conservation: An Opportunity for Businesses” on 10th February 2024 during 2nd International Environment and Sustainability Summit Goa (ISSG).
- **GSBB in collaboration with Abhivyaktee organized Rastriya Yuva Jagruti- 2024 (a pre- IDB event) on 10.02.2024.**
- GSBB and GSCCC in collaboration with World Bank organized 3 days India Climate and Development Partners Meet from 19-21 February 2024.
- Member Secretary, GSBB along with GSBB staff participated in Panacea 2024 – 11th Natural Products Expo India” from 29 February to 2 March 2024 at World Trade Centre, Mumbai.

GSBB Signed MoU/MoA with following Institutes:

1. Government College of Arts, Science and Commerce Khandola, Marcela Goa for project entitled ‘Understanding and evaluation of ecological aspects of spring water resource: Case Study of Pomburpa’ on 18th April 2023.
2. Project Principal Investigators Officer-in-Charge and Scientists, Zoological Survey of India, Western Regional Centre, Pune, for project entitled ‘Status assessment and formulating suitable conservation measures for rare, threatened and endangered fauna’ of Goa on 27th April 2023.
3. Project Principal Investigators Officer-in-Charge and Scientists, Zoological Survey of India, Western Regional Centre, Pune, for project entitled ‘Faunal diversity (taxonomic study) of Goa’ on 27th April 2023.

4. Zoology Department, Goa University, for project entitled 'Impact of Climate Change on Ichthyofauna along the coast of Goa, India' on 27th May 2023.
5. Vidya Vikas Mandal's Shree Damodar College of Commerce & Economics for assisting college 'to conduct various activities related to Environment & Biodiversity' on 05th October 2023.