

ਸਾਲਾਨਾ ਰਿਪੋਰਟ Annual Report 2020-2021



ਪੰਜਾਬ ਜੈਵ ਵਿਭਿੰਨਤਾ ਬੋਰਡ
Punjab Biodiversity Board

1) BACKGROUND

Biodiversity or Biological Diversity is the foundation of life; it refers to all the variety of life that can be found on Earth including all organisms, species (plants, animals, fungi and micro-organisms) as well as the communities that they form and the habitats in which they live. It provides the basic goods and services for human society to exist and secure economic and social development. India is known for its rich heritage of Biological diversity, having already documented over 1,01,167 species of fauna and 47,485 species of flora representing about 8% of globally known floral and faunal species (6.7% of the world fauna and 11.2% the world flora) within just 2.4% of the world's land area. India is at the 8th position in the world in terms of total biodiversity owing to its large landmass covering a range of ecosystems. India also figures in the list of 17 mega bio-diverse countries of the world representing 4 out of the 36 globally identified Biodiversity Hotspots (Himalaya, Indo-Burma, Western Ghats and Sri Lanka, Sundaland). India has a wide array of ecosystems and habitats and is also an acknowledged Centre of crop diversity and crop wildrelatives.

Increasing concerns about dwindling biological diversity in the world led to adaptation of International treaty United Nation's Convention on Biological Diversity (CBD) in 1992 at Rio-de-Janeiro, Brazil. CBD is a landmark agreement that has been adopted by 196 countries including India on June 5, 1992 in Rio de Janeiro, Brazil. India has made sustained efforts in fulfilling its commitments towards conservation of biodiversity, its sustainable use and the fair and equitable sharing of benefits arising from the use of biodiversity and biological resources. In response to actions required to taken up under United Nation's CBD, Govt. of India enacted the Biological Diversity Act (BD Act) in 2002. Subsequently, Biological Diversity Rules were notified in 2004 to spell out procedures and mechanisms for the implementation of the BD Act, 2002 throughout the nation. India is a fore runner in bringing out such an umbrella legislation with the objective of protecting country's rich biodiversity & associated Traditional Knowledge. The BDAct, 2002 is aimed at conservation & sustainable use of biological resources and fair & equitable sharing of benefit of arising from commercial use of biological resources and associated traditional knowledge (TK). The Act is being implemented through a three-tier decentralized institutional structure:

- National Biodiversity Authority (NBA) at National Level
- State Biodiversity Boards(SBBs) at State Level



- Biodiversity Management Committees (BMCs) at Local Level

Punjab Biodiversity Board (PBB) was notified in the year 2004 under section 22 of BD Act, 2002 as a statutory body (vide Notification No. 2/41/2000/STE (1)/3942 Dated 23.12.2004) for the implementation of BD Act in the State and is being re-notified from time to time. The copies of the first Notification dated 23rd December, 2004 and the recent Notification dated 6th January, 2021 of the Board are enclosed at Appendix I & II, respectively.

The major mandates of the Board as per the BD Act are:

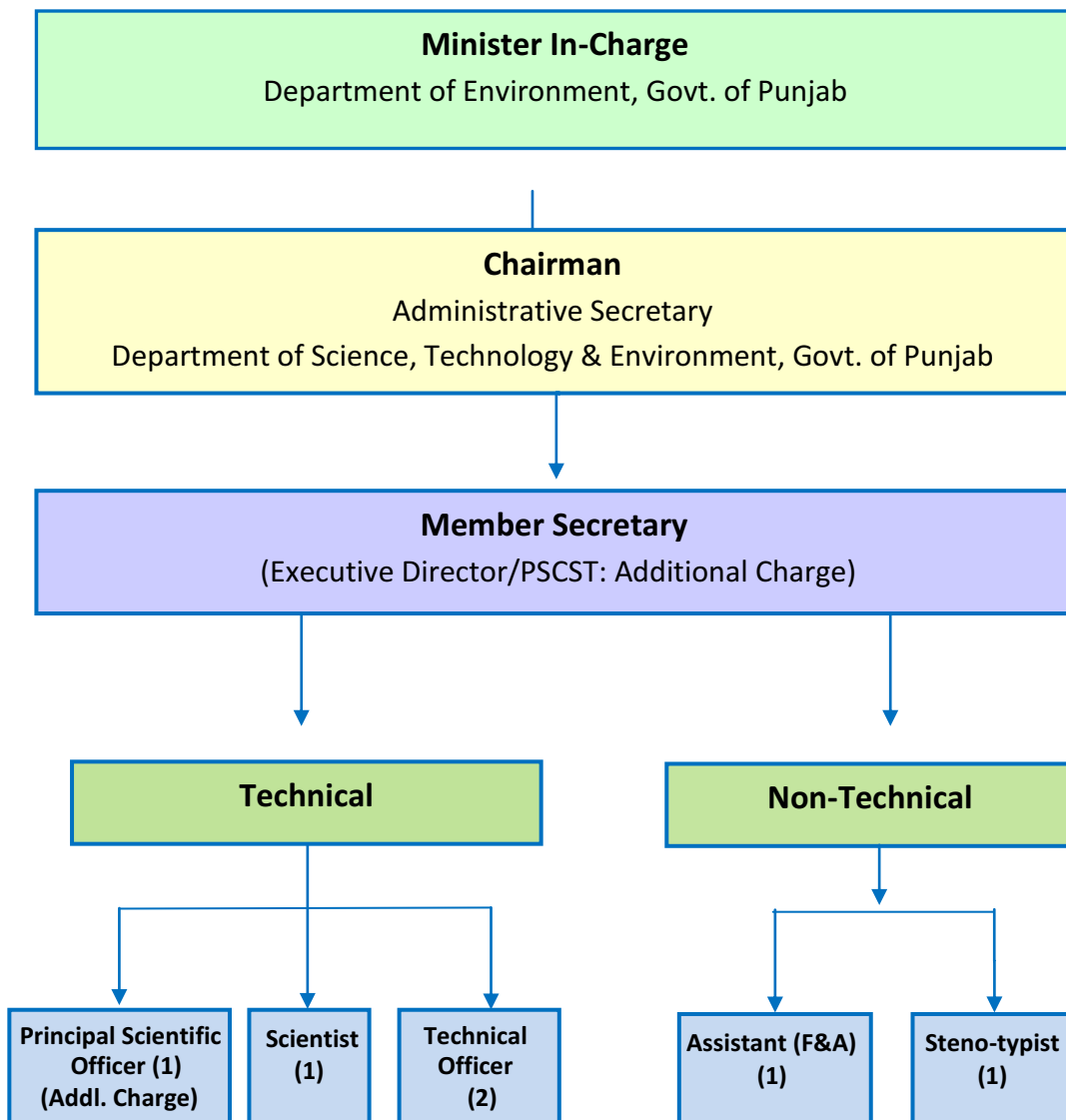
- Advise the State Govt. and provide technical assistance on matters related to implementation of BD Act, 2002 in state
- Facilitate setting up of Biodiversity Management Committees (BMCs) and preparation of People's Biodiversity Registers (PBRs) at District/Block/Village and ULBs level
- Facilitate implementation of access & benefit sharing mechanism to regulate the access of biological resources for commercial utilization
- Identify and takes steps to conserve 'Biodiversity Heritage Sites' and threatened flora and fauna of the State
- Undertake capacity building programs, studies and R&D

Presently, Punjab Biodiversity Board is functioning from the O/o Punjab State Council for Science & Technology (PSCST) under the administrative control of Department of Science, Technology & Environment, Govt. of Punjab and is being serviced by PSCST for all its financial, administrative and technical matters. The Administrative Secretary, Department of Science, Technology & Environment, Govt. of Punjab is the Chairman and Executive Director, PSCST is the Member Secretary of the Board.

Govt. of Punjab, under its non-plan Budget, provides financial assistance to the tune of Rs. 12 Lacs annually to the Board for manpower and office expenses. In addition, National Biodiversity Authority, Govt. of India, provides Grant-in-aid of Rs. 11.50 on annual basis (since 2013-14) towards manpower for carrying out mandatory works of the Board besides project-based funds for strengthening of Biodiversity Management Committees (BMCs), and updation of People's Biodiversity Registers (PBRs), training & capacity building activities etc.

This report covers the progress & achievements of Punjab Biodiversity Board for the F.Y. 2020-21.

2) ORGANIZATIONAL SETUP OF THE BOARD



3) COMPARATIVE CHARTS (PHYSICAL & FINANCIAL PROGRESS) FOR 2020-21 COMPARED WITH THE YEARS BEING REPORTED

Physical Progress

Financial Year	2018-2019	2019-2020	2020-2021
Constitution of BMCs	<ul style="list-style-type: none"> Reconstitution of 1 Distt. Level BMCs/TSG 	<ul style="list-style-type: none"> Distt. Level: 11 Block Level: 133 Vill. Level: 13,192 ULBs Level: 105 Total 13,441 	<ul style="list-style-type: none"> Distt. Level: 11 Block Level: 17 Vill. Level: 68 ULBs Level: 62 Total 158
Preparation of PBRs	<ul style="list-style-type: none"> 31 Vill. Level 1 Distt. Level 	<ul style="list-style-type: none"> Distt. Level: 11 Block Level: 15 Vill. Level: 2,227 Total 2,253 	<ul style="list-style-type: none"> Distt. Level: 11 Block Level: 135 Vill. Level: 11,033 ULBs Level: 167 Total 11,346
Identification/ study of potential BHSs	2	2	3
Celebration of International Day for Biological Diversity	25 Programmes	29 Programmes	26 Programmes
Training/Capacity Building & Outreach Programmes	13	14	10
Processing of IPR/BMC consultation applications received from NBA	4	4	2
Special Initiatives	<ul style="list-style-type: none"> Preparation of Punjabi documentary on "Cultural & Biodiversity Heritage of Distt. Faridkot". Coordinated setting up of Butterfly Park at Bathinda. Biodiversity Walkathon organized at Sukhna Lake, Chandigarh. 	<ul style="list-style-type: none"> Biodiversity Walkathon Organized at Sukhna Lake, Chandigarh. 	<ul style="list-style-type: none"> Virtual Film Festival on Biodiversity & Climate Change with involvement of PSCST & CMS VATAVARAN, New Delhi

Financial Year	2018-2019	2019-2020	2020-2021
Publication of Books, Papers and other Awareness Material	<ul style="list-style-type: none"> • Special issue of Nirantar Soach Punjabi Magazine on Biodiversity. 	<ul style="list-style-type: none"> • Special issue of Nirantar Soach Punjabi Magazine on Biodiversity. • Data/information collection for bilingual publication on notified threatened flora and fauna of Punjab. 	<ul style="list-style-type: none"> • Special issue of Nirantar Soach Punjabi Magazine on Biodiversity. • Compilation detailed information on notified threatened floral and faunal species of Punjab.



Financial Progress

The Audited Statement of Account for the F.Y. 2020–21 is enclosed at Appendix III.

4) VISION, MISSION & GOALS

a) Vision

- Promote conservation of biological diversity in Punjab

b) Mission

- To implement the Biological Diversity Act, 2002 in Punjab.
- To promote conservation of wild and domesticated flora & fauna of the State and its sustainable use as well as fair and equitable sharing of benefits arising out of use of these biological resources and associated traditional knowledge.

c) Goals

- To facilitate setting up of BMCs at district, block, village and urban local body level.
- To take up capacity building programmes for operationalization of BMCs.
- To facilitate preparation of Peoples Biodiversity Registers.
- To identify and declare Biodiversity Heritage Sites.
- To identify threatened flora and fauna of Punjab and take up initiatives for rehabilitation and propagation of such species.
- To create awareness on biodiversity issues and promote biodiversity conservation programmes/projects and studies in the State through special projects/initiatives.
- To develop and publish literature on biodiversity related issues.
- To respond to queries on availability of certain biological resources in the State to facilitate grant/refusal of access /IPRs of such resources.
- To liaise with relevant departments/organizations of Central & State Governments and other State Biodiversity Boards.

d) Policy

- Punjab Biodiversity Board undertakes numerous activities as envisaged under Biological Diversity Act, 2002; Biological Diversity Rules 2004, Punjab Biological Diversity Rules, 2016 and other related Guidelines & Notifications issued by Ministry of Environment, Forest and Climate Change (MoEF&CC), Govt. of India and National Biodiversity Authority, Govt. of India from time to time.



e) Programmes & Projects

Punjab Biodiversity Board has undertaken following programmes/projects during F.Y 2020-21.

- Facilitated constitution & operationalization of BMCs at District, Block, Village and Urban Local Bodies (ULB's) level as per section 41 of BD Act, 2002, Rule 22 of Biological Diversity Rules, 2004 and NBA Guidelines on BMCs.
- Facilitation in preparation of PBRs at District, Block, Village and ULB's levels as per NBA prescribed Guidelines
- Celebration of International Day for Biological Diversity (IDB), 2020.
- Special Initiatives for Biodiversity conservation
- Publication of awareness literature
- Participation in National level Meetings, consultation meets etc.

f) Annual targets of each Program/Project (Down to District, Block, Town & Village)

- Activities of the Board are being taken up in project mode with financial assistance from National Biodiversity Authority, GoI and annual targets are fixed accordingly.

5) KEY PERFORMANCE INDICATORS/IMPLEMENTATION

a) Review of key activities in the Department during past F.Y.

- **Constitution & Operationalization of BMCs**
 - As per Section 41 of the BD Act, 2002 and Rule 22 of Biological Diversity Rules, 2014, every local body (District, Block, Village and ULBs), is required to constitute a BMC consisting 7 members (consisting of a Chairperson, and six persons nominated by local body, including 1/3rd Women (2) and 18% SC/ST (1) for promoting conservation and sustainable utilization of biological resources within its jurisdiction. BMCs are most important pillars of institution mechanism devised in the country for conservation of biodiversity & associated traditional knowledge.
 - PBB provided technical support to Department of Rural Development and Panchayats (DRDP) & Department of Local Government (DLG), Govt. of Punjab for constitution & Operationalization of BMCs at various levels (District, Block, Village and ULBs) throughout the State of Punjab.



The details of 158 BMCs constituted during F.Y. 2020-21 are as under:

Sr. No.	Level	No. of BMCs Constituted
1.	District	11
2.	Block	17
3.	Village	68
4.	ULBs	62
	Total	158

• **Preparation of PBRs as per NBA prescribed Guidelines**

- One of the important functions of BMCs is to prepare/record, maintain and validate the PBRs for their area, which contains comprehensive information on availability and knowledge of local biological resources and their medicinal or any other use including traditional knowledge associated with them.
- PBB provided requisite technical support to DRDP and DLG in preparation of PBRs at various levels (District, Block, Village and ULBs). The details of the PBRs prepared during F.Y. 2020-21 are as under:

Sr. No.	Level	No. of PBRs Prepared
1.	District	11
2.	Block	135
3.	Village	11,033
4.	ULBs	167
	Total	11,346

- The 100% constitution of BMCs and PBRs preparation at all Level (District Level 22, Block Level 150, Village Level 13,260 and ULB Level 167) in compliance of Hon'ble National Green Tribunal (NGT) directions has been completed in the State with the help of Panchayati Raj Institutions i.e. DRDP and DLG during 2020. The up-dations of the PBRs (wherever required) is a continuous process and is under process throughout the State.
 - The latest data/information pertaining to BMCs and PBRs has been updated on the Electronic Dashboard prepared by NBA, GoI.
- **Celebration of International Day for Biological Diversity (IDB- 2020)**
- The United Nations has proclaimed May 22nd the International Day for Biological Diversity (IDB) to increase understanding and awareness of biodiversity related issues. IDB is celebrated by the Board every year throughout the state with the financial support of NBA, GoI. All the



stakeholders are involved through virtual platforms to create awareness on the importance of biological diversity and motivated to take up activities for conservation of biodiversity.

- IDB 2020 was commemorated on and around 22nd May 2020 on the theme “*Our Solutions are in Nature*” all across the State. Total 26 programmes/events were organized in collaboration with various organization/institutions i.e. Universities, Colleges, Schools, Pro-active NGOs, and Biodiversity Management Committees through virtual platform by following the various Guidelines issued by Govt. of India and Govt. of Punjab for containment of Covid-19 Pandemic. Also, State Level event Deliberations on Biodiversity of Punjab was organized in collaboration with Eco-Sikh Charitable Trust, a Proactive NGO on 22nd May, 2021 through virtual platform. It was streamed live on Zoom app & Facebook. The Gist of activities under taken by the Board to celebrate the IDB-2021 is enclosed at Appendix IV.

• **Distribution of Access & Benefit Sharing (ABS) Component in the State**

- The BD Act, 2002 affirms the sovereign rights of the States over their biological resources and mandates State Boards to facilitate fair and equitable sharing of benefits arising out of commercial use of biological resources to BMCs set up at each local body level, so that the funds can be ploughed back for conservation & promotion of biological resources and socio-economic development activities.
- An amount of Rs. 28,500/- was disbursed to Punjab Agricultural University (PAU), Ludhiana and Regional Research Station, PAU, Bathinda towards Access and Benefit Sharing Component received from NBA, GoI on account of accessing the biological resources from the State of Punjab by M/s. Pioneer Hi Bred Pvt. Ltd. (NBA Application No. 1848) for research purposes. The details of the ABS amount along with the accessed biological resources are as under:

Sr. No.	Benefit Claimer	Biological Resources Accessed from Punjab	ABS Amount (Rs.)
1	Punjab Agricultural University (PAU), Ludhiana, Punjab	7 Var. of <i>Brassica juncea</i> (RL 1359, RLC1, RLC2, RLM198, RLM514, RLM619, GSL1)	19,950/-
2	Regional Research Station, PAU, Harbans Nagar, Bathinda, Punjab	3 Var. of <i>Brassica juncea</i> (PBR210, PBR91, PBR97)	8,550/-
Total			28,500/-



- **Data collection w.r.t manufacturers and traders in the State of Punjab**
 - Details of manufacturers, traders and exporters functioning in the State have been collected from Ministry of AYUSH, Govt. of India, National Medicinal Plant Board (NMPB), State Drug and Licensing Authority and other concerned departments.
- **Training, Capacity Building & Outreach Activities**
 - Due to prevailing Covid-19 Pandemic conditions, various training, awareness cum capacity building events and outreach activities for the Officers of the stakeholder department i.e. DRDP & DLG, Govt. of Punjab were carried out through online platforms & modes to sensitize on the role and responsibilities of the BMCs envisaged under the BD Act, 2002 by following Covid-19 appropriate behaviors.
- **Special Initiatives**
 - PBB in association with Punjab State Council for Science & Technology and Centre for Media Studies (CMS) VATAVARAN, New Delhi organized an online Film Festival on “*Biodiversity and Climate Change*” on 9th March, 2021. The aim was to create awareness and influence people’s perception about biodiversity and climate change through an engrossing Film Festival which besides screening of films also included interaction with the film-makers. The event was inaugurated by Dr. V. B. Mathur, Chairman, NBA, GoI and 7 critically acclaimed Films related to biodiversity & environmental issues were screened during the festival. Dr. Ashish Kumar, Joint Director, Ministry of Environment, Forest & Climate Change (MoEF&CC), Govt. of India also joined the event. The glimpses of the event are enclosed at Appendix V. The details of the Films screened during the event are as under;

Sr. No.	Screened Films
1.	The Wishing Tree (Feature Film) <i>by Raajaysh Chetwal</i>
2.	Earth Witness: Reflections on the Times and the Timeless <i>by Akanksha Joshi</i>
3.	Gharat: Revival of Watermills <i>by Shriniwas Oli</i>
4.	Bunty’s Tree <i>by Jasraj Singh Bhatti</i>
5.	Dado <i>by Dona Partha</i>
6.	Carry Your Own Bag <i>by Sunil Bhondge</i>
7.	Chewing Gum <i>by Sunil Bhondge</i>



- A Workshop on Green Film Making was conducted through virtual mode in collaboration with Punjab State Council for Science & Technology (PSCST) and Centre for Media Studies (CMS) VATAVARAN, New Delhi on 10th March, 2021. The workshop imparted detailed knowledge on key techniques of Green Film Making. It was conducted by Ms. Aarti Shrivastava and was attended by 500 participants through web platforms. The glimpses of the workshop are enclosed at Appendix VI.
- Biodiversity awareness cum Plantation drive of native varieties of *Ziziphus jujuba* trees locally known as Desi Beri was organized in collaboration with Sri Guru Gobind Singh College, Chandigarh and Beerh Mallan Society, Muktsar, to mark the auspicious 400th birth anniversary of ninth Sikh Guru Tegh Bahadur Ji. Glimpses of the plantation drive attached as Appendix VII.
- **Publication**

Publication of special issue of PSCST monthly magazine “Nirantar Soach” in Punjabi on the theme of "Biodiversity". The Snapshot attached at Appendix VIII.
- **Participation in National level Meetings, Trainings, Workshop etc.**
 - Monthly review meetings of State Biodiversity Boards (SBBs) and Union Territory Biodiversity Councils (UTBCs), convened by NBA, GoI.
 - Training programme on Access & Benefit Sharing mechanism in context of Agriculture and allied sectors organized by NBA in collaboration with United Nations Development Programme (UNDP), India, ICAR-National Academy of Agricultural Research Management (NAARM), and Biotech Consortium India Limited (BCIL) on 20th August, 2020.
 - A webinar series on “We Plan - Forests: A decision support platform for spatial optimization planning of forest ecosystem restoration” organised by International Institute for Sustainability (IIS), Australia & International Institute for Sustainability (IIS) Rio in collaboration with the Secretariat of the Convention on Biological Diversity (CBD) on 22nd October, 19th November and 9th December, 2020.
 - 15th National Meeting of SBBs and UTBCs convened by NBA, GoI on 11th-12th December, 2020.
 - Webinars on Linkages of “Biodiversity Management Committees with Institutions of Community Participation and Panchayati Raj” on 19th and 25th March 2021.



- The Yearlong Webinar Series launched by NBA, GoI in partnership with UNDP India during the first ever virtual celebration of International Day for Biological Diversity on 22nd May, 2020. The Webinar Series was launched by Sh. Prakash Javadekar, Hon'ble Minister for Environment, Forests and Climate Change, GoI at Indira Paryavaran Bhawan, New Delhi. The details of the Webinar Series are at Appendix at IX.

b) Review of goals achieved during the past financial year (completed, in progress, ongoing, no action, deleted):

Sr.No.	Description	F.Y.2020-21
1.	Constitution of BMCs	Completed
2.	Operationalization of BMCs	On-going
3.	Preparation of PBRs	Completed
4.	Up-dation (wherever required) of PBRs	On-going
5.	Identification, and Notification of Biodiversity Heritage Sites (<i>Continuous activity mandated under BD Act, 2002</i>)	On-going
6.	Celebration of IDB-2020	Completed
7.	Training cum Capacity Building & Outreach Activities	On-going
8.	Special Initiatives: <ul style="list-style-type: none"> • Film Festival on “Biodiversity & Climate Change”. • Workshop on Green Film Making • Biodiversity awareness cum Plantation drive of native varieties of <i>Ziziphus jujuba</i> (Desi Beri) 	Completed
9.	Publication of Science Magazine ‘Nirantar Soach’ on theme ‘Biodiversity’	Completed

6) ACHIEVEMENTS/OUTCOMES:

a) Notable achievements concerning the department (accreditation, external reviews, new programs and related information):

- Facilitated constitution & Operationalization of BMCs and PBRs preparation at all levels viz. Village, Block, District & ULBs throughout the State.
- Total 158 BMCs constituted and 11,346 PBRs were prepared at District, Block, Village & ULBs Level.



- Total 26 Programmes including State Level Deliberations on Biodiversity of Punjab were organized to commemorate IDB 2020 throughout the State.
- Disbursal of the Access and Benefit Sharing Component received from NBA, GoI on account of accessing the biological resources from the State of Punjab by M/s. Pioneer Hi Bred Pvt. Ltd. to the concerned benefit claimers.
- Organized Film Festival on “*Biodiversity and Climate Change*” and Workshop on Green Film Making to create awareness about environmental and biodiversity related issues.

Quantitative Physical, Financial, Economic, Social Outcomes:

Facilitated development of extensive database of local biological resources including traditional knowledge (TK) in the form of 11,346 PBRs through Participatory Rural Appraisal (PRA) approach wherein knowledgeable people, vaid, traditional botanists, village heads etc. were involved for the preparation of PBRs. Due to Covid-19 Pandemic, mass awareness programs/consultations for conservation of biological diversity & sustainable use of biological resources and commemoration of IDB-2020 throughout the State has been carried out through virtual modes.

b) Qualitative

- Engagement of public especially local people and decision maker through core of institutional set up at local level i.e. BMCs has been ensured under the BD Act, 2002 for conservation of biological diversity, sustainable use of bio-resources and equitable sharing of benefits arising out of commercial use of bio-resources. Further, comprehensive primary & secondary information/data pertaining to the local biological diversity (floral/faunal species) and the associated Traditional Knowledge is being documented in PBRs as per prescribed Guidelines of NBA, GoI.

a) Notable achievements concerning HR communication, media, information, education (activities, accomplishments, publications, conference presentations, and related information):

- The various activities/programmes pertaining to the biodiversity awareness and conservation conducted by Board were adequately covered in print and electronic media. (Appendix X)

7) ORGANISATIONAL ISSUES:

a) Challenges

- Lack of understanding/awareness among the line departments as well general public about the importance of biodiversity and its conservation



b) Changes

- Strengthening/operationalization of BMCs as well as Capacity Building of line Departments (Agriculture, Forests & Wildlife, Rural Development & Panchayats, Local Government, Horticulture, Animal Husbandry etc.) for biodiversity conservation through local people`s participation

c) Reforms

- Mass awareness activities for conservation of local flora & fauna through BMCs constitution & PBRs preparation

d) Outcomes

- Mainstreaming of biodiversity management & conservation through BMCs and relevant development departments

8) EVALUATION: SWOT ANALYSIS: (Strengths, Weaknesses, Opportunities & Threats)**a) Significant challenges to the department**

- Meager financial support from the State Govt. for undertaking activities is a major challenge.
- Inadequate core manpower viz-a-viz the mandate, exodus of trained manpower due to lack of assured professional career and lack of independent office space

b) Significant internal and external strengths & opportunities of the department

- Board has facilitated constitution of BMCs (a strong statutory body at local level i.e. District, Block, Village & ULBs) throughout the state for effective implementation of BD Act, 2002 and Punjab Biodiversity Rules, 2016 and productive functioning of Board for conservation & management of biological resources in the State. Further, strong liaison with relevant development Departments, District Administrations, Universities/Colleges, and proactive NGOs for undertaking capacity building and conservation activities throughout the state under the overall ambit of BD Act, 2002 has been also developed by Board.
- With the implementation of ABS mechanism, Board has opportunity of revenue generation for biodiversity conservation through regulation of access to bio-resources for commercial utilization from the State as envisaged in the BD Act, 2002. Large amount of bio-resources & medicinal plants are being traded from the State especially Majith Mandi, Amritsar.



The funds would be further ploughed back & utilized for undertaking special activities/projects for conservation of biological resources.

c) Provide summary of outcomes from surveys, benchmarks for action, and other assessment metrics from your programs services. Include data pertinent to the operations of the department, e.g., fundraising trend data, benchmark or other comparative data, etc.

- During the current F.Y. 2020-21, 158 BMCs has been constituted at District (11), Block (17), Villages (68) & ULBs Level (62), which entails 100% (13,599 BMCs at various levels) constitution of BMCs throughout the State.
- Technical support provided to Department of Rural Development & Panchayats and Department of Local Government, Punjab for preparation of 11,346 PBRs (District 11, Block 135, Village 11,033 and ULBs Level 167).
- Collection of data/information on 13 species which are on the verge of extinction in Punjab as notified u/s 38 of BD Act 2002 as threatened species, for preparation of high-quality publication to create awareness about the species.
- 26 awareness programs/events were conducted to commemorate IDB 2020 with the active involvement of various organizations, research institutions i.e. Universities, Colleges, Schools, Pro-active NGOs, & BMCs to create awareness on various biodiversity and related issues.

d) Delineate how specific results have been used to improve processes and programs in your department (data-driven decision making and policy formulation)

- Public Engagement especially with the local people, decision makers, Panchayats, farmers, vaid and hakeems, traditional knowledge holders, NGOs, Officers from Govt. department, bio-resources based industries, carried out during BMCs constitution and PBRs preparation has empowered the Board to understand the grass-root level challenges associated with the conservation and sustainable utilization of biological resources in the State. Programmes/projects for undertaking capacity building activities for different set of stakeholders, including strengthening of BMCs, conservation, rehabilitation and restoration of threatened species, conservation of traditional practices and associated traditional knowledge and mainstreaming of agro-biodiversity etc. are being formulated by the Board based on the conservation needs and challenges of specific areas to avail financial assistance from appropriate funding agencies.



9) RECOMMENDATIONS FOR NEW DEVELOPMENTS AND RESOURCES

The strategic planning goals for the next 3 years, including linkages to the Department's strategic goals, identified funding sources etc:

Year	Strategic Goals Identified	Budget / Source of Funding	Targets & Timelines (Financial, Physical, Social, Earn)
1.	Updation of PBRs	NBA, GoI	Block Level:5 Village Level: 50 Timeline: F.Y. 2021-2022
2.	Celebration of International Day for Biological Diversity	NBA, GoI	Target.: Throughout Punjab Timeline: F.Y. 2021-2024
3.	Identification & Biodiversity Assessment of potential BHSs	NBA, GoI	Target.: 3 Timeline: F.Y. 2021-2024
4.	Capacity building programmes for BMCs	NBA, GoI	Timeline: F.Y. 2021-2024
5.	Implementation of ABS in State	NBA, GoI	Timeline: F.Y. 2021-2024

Description of future Goals/Objectives:**a) Short Term (one year)**

- To take up Capacity building activities for operationalization of newly constituted BMCs and updation (wherever required) of PBRs in collaboration with line departments
- Undertaking activities for effective implementation of ABS Mechanism in the state.
- Constitution of State Level PBRs Monitoring Committee
- Consultations/advisory sessions with Bio-resource based industries to facilitate the compliance of various provisions of BD Act, 2002, Punjab Biological Diversity Rules, 2016 and ABS Guidelines.
- Undertaking collaborative project/activities for rehabilitation of threatened species and bring out high quality publication on notified threatened flora & fauna of Punjab
- Identification & biodiversity assessment of potential BHSs.
- Celebration of International day for Biological Diversity 2021
- Training cum capacity building of BMCs and PBR's quality enhancement in 5 SCs population dominated Blocks namely; Phagwara (District



Kapurthala), Banga & Nawanshahr (District SBS Nagar) and Sri Muktsar Sahib & Malout (District Sri Muktsar Sahib) under NBA, GoI funded Project.

- Development & launching of PBB website as per latest Guidelines of Govt. of India & Govt of Punjab.
- Development of bilingual awareness material for capacity building of BMCs & general public on various biodiversity related issues

b) Long Term (Two to Five years)

- Effective implementation of BD Act, 2002 in the state.
- Identification & Notifications of Biodiversity Heritage Sites
- Effective implementation of ABS Guidelines of GoI to plough back the benefits towards conservation activities.
- Updation & digitization of PBRs.
- Collaboration with Department of Forests and Wildlife Preservation, Punjab for rehabilitation & propagation of threatened species with the active involvement of BMCs.
- Awards/recognitions for best performing BMCs and farmers for rearing indigenous breeds/cultivating traditional crop varieties.
- Strengthening the operationalization & infrastructure of BMCs.
- Notification of State Flower and State Fish of Punjab.
- Promote plantation of native Trees species.
- Customized awareness activities for all the stakeholders including industry.

c) A summary of policy reforms & plans for the coming financial year to achieve goals:

- To achieve the goals w.r.t biodiversity conservation, related issues and strengthening of manpower & infrastructure of Board, proposals will be submitted to NBA, GoI and State Government for seeking financial assistance for implementing projects/programmes.

10) PERFORMANCE & INITIATIVES BY AGENCIES OF THE DEPARTMENT (ITS CORPORATION/DIRECTORATE/AUTONOMOUS BODY ETC.) – BRIEF DETAIL:

Not Applicable

11) APPENDICES –

Enclosed



Appendix I


GOVERNMENT OF PUNJAB
DEPARTMENT OF SCIENCE, TECHNOLOGY & ENVIRONMENT

NOTIFICATION

The 23 December, 2004

No.2/41/2000-STE(1) 3942 - In-exercise of powers conferred under section 22(1) of the Biological Diversity Act, 2002 (No.18 of 2003), the Governor of Punjab is pleased to constitute "The Punjab Biodiversity Board" to promote conservation of biodiversity of the country, sustainable use of its components and ensure fair and equitable sharing of benefits arising out of use of biological resources, knowledge and matters connected therewith.

The Punjab Biodiversity Board shall consist of the following members:-

1.	Chief Minister, Punjab	Chairman
2.	Parliamentary Secretary, Agriculture	Vice-Chairman
3.	Chief Secretary, Government of Punjab	Ex-officio Member
4.	Principal Secretary, Department of Science, Technology & Environment, Govt. of Punjab	Ex-officio Member
5.	Financial Commissioner, Development, Government of Punjab	Ex-officio Member
6.	Principal Secretary, Department of Forests & Wildlife, Government of Punjab	Ex-officio Member
7.	Director (Environment), Punjab State Council for Science & Technology	Member Convenor
8.	Officer In-charge, Zoological Survey of India, Dehradun	Expert
9.	Officer In-charge, Botanical Survey of India, Dehradun	Expert
10.	Brig. Sukhjit Singh (formerly Maharaja of Kapurthala)	Expert
11.	Director, Extension Education, Punjab Agriculture University, Ludhiana	Expert
12.	Dr. G.S. Kalkat, former Vice Chancellor, Punjab Agriculture University, Ludhiana	Expert

Terms:

The term of office of Chairman and members (other than ex-officio members) shall be two years

Functions

The functions of the Punjab Biodiversity Board (PBB) as prescribed u/s 23 of the said Act shall be as under:

- a. Advise the State Government, subject to any guidelines issued by the Central Government, on matters relating to the conservation of biodiversity, sustainable use of its components and equitable sharing of the benefits arising out of the utilization of biological resources;
- b. Regulate by granting of approvals or otherwise requests for commercial utilization or bio-survey and bio-utilization of any biological resource by Indians;
- c. Perform such other functions as may be necessary to carry out the provisions of The Biological Diversity Act, 2002 or as may be prescribed by the State Government.

Powers

The powers of the PBB as prescribed u/s 24 of the said Act are as under:

- (1) Any citizen of India or a body corporate, organization or association registered in India intending to undertake any activity referred to in section 7 of The Biological Diversity Act, 2002 shall give prior information in such form as may be prescribed by the State Government to the Punjab Biodiversity Board;
- (2) On receipt of an intimation under sub-section (1), the Punjab Biodiversity Board may, in consultation with the local bodies concerned and after making such enquiries as it may deem fit, by order, prohibit or restrict any such activity if it is of opinion that such activity is detrimental or contrary to the objectives of conservation and sustainable use of biodiversity or equitable sharing of benefits arising out of such activity;

Provided that no such order shall be made without giving an opportunity of being heard to the person affected.

- (3) Any information given in the form referred to in sub-section (1) for prior information shall be kept confidential and shall not be disclosed, either intentionally or unintentionally, to any person not concerned thereto.

Further, the provisions of Sections 9 to 17 of The Biological Diversity Act, 2002 shall apply to Punjab Biodiversity Board as prescribed u/s 25 of the said Act.

Contd



Finance, Accounts and Audit

Provisions under Chapter-VIII, Section 31 to 35 of The Biological Diversity Act, 2002 shall apply to PBB as under:

1. As prescribed u/s 31 of the said Act, the State Government may, after due appropriation made by the State Legislature by law in this behalf, pay to Punjab Biodiversity Board by way of grants or loans such sums of money as the State Government may think fit for being utilized for the purposes of The Biological Diversity Act.
2. As prescribed u/s 32 of the said Act :
 - (1) There shall be constituted a Fund to be called the Punjab Biodiversity Fund and there shall be credited thereto –
 - (a) Any grants and loans made to the PBB u/s 31 of the said Act;
 - (b) All grants or loans made by the National Biodiversity Authority;
 - (c) All sums received by the PBB from such other sources as may be decided upon by the State Government.
 - (2) The State Biodiversity Fund shall be applied for –
 - (a) The management and conservation of heritage sites;
 - (b) Compensating or rehabilitating any section of the people economically affected by notification under sub-section (1) of section 37 of the said Act;
 - (c) Conservation and promotion of biological resources;
 - (d) Socio-economic development of areas from where such biological resources or knowledge associated thereto has been accessed subject to any order made u/s 24 of the said Act, in consultation with the local bodies concerned;
 - (e) Meeting the expenses incurred for the purposes authorized by the said Act.
 - (3) As prescribed u/s 33 of The Biological Diversity Act, 2002, the PBB shall prepare, in such form and at such time in each financial year as may be prescribed, its annual report, giving a full account of its activities during the previous financial year, and submit a copy thereof to the State Government.
 - (4) As prescribed u/s 34 of The Biological Diversity Act, 2002, the accounts of PBB shall be maintained and audited in such manner



as may, in consultation with the Accountant-General of the State, be prescribed and the PBB shall furnish, to the State Government, before such date as may be prescribed, its audited copy of accounts together with auditor's report thereon.

- (5) As prescribed u/s 35 of The Biological Diversity Act, 2002, the State Government shall cause the annual report and auditor's report to be laid, as soon as may be after they are received, before the House of State Legislature.

Terms of reference of PBB

1. The activities of PBB shall be governed by provisions of The Biological Diversity Act, 2002.
2. The PBB shall consult the National Biodiversity Authority and the Biodiversity Management committees (as and when these are constituted) while taking any decisions relating to the use of biological resources and knowledge associated with such resources.
3. The PBB shall, in the discharge of its functions and duties under the Biological Diversity Act, be bound by such directions on questions of policy as the State Government may give in writing to it from time to time :

Provided that the PBB shall, as far as practicable, be given an opportunity to express its views before any direction is given u/s 49 (1).
4. The Punjab State Council for Science & Technology (PSCST), under the aegis of Department of Environment, Govt. of Punjab (which has been identified as nodal agency for activities related to biodiversity conservation and preparation of State Biodiversity Strategy and Action Plan vide notification No. 2/41/2000-STE(1)/1608 dated 22.8.2000 of the State Government) will function as the secretariat of the PBB.
5. The Board would meet from time to time as required. Not less than one third number of members of the Board shall form the quorum. However, the requirement of quorum would not apply to a meeting adjourned for half an hour for want of quorum.



- 5 -

6. TA/DA of non-official members would be paid out of funds provided by the State Government for the purpose/State Biodiversity fund. TA/DA of official members would be borne by their parent departments.

Dated: Chandigarh the
20th December, 2004

ROMILA DUBEY
Principal Secretary to Government of Punjab
Dept. of Science, Technology & Environment
and Non-Conventional Energy

Endst. No.2/41/2000-STE(1)/ 3943-53

Dated: 23.12.04

A copy is forwarded to the following for information and necessary action:-

1. The Secretary to Chief Minister, Punjab for the kind information of Hon'ble Chief Minister, Punjab.
2. PA to Parliamentary Secretary, Agriculture for the kind information of Parliamentary Secretary.
3. The Secretary to Chief Secretary, Government of Punjab for the kind information of Chief Secretary.
4. Principal Secretary, Department of Science, Technology & Environment, Govt. of Punjab.
5. Financial Commissioner, Development, Government of Punjab
6. Principal Secretary, Department of Forests & Wildlife, Government of Punjab
7. Director (Environment), Punjab State Council for Science & Technology
8. Officer In-charge, Zoological Survey of India, Dehradun
9. Officer In-charge, Botanical Survey of India, Dehradun
10. Brig. Sukhjit Singh (formerly Maharaja of Kapurthala)
11. Director, Extension Education, Punjab Agriculture University, Ludhiana
12. Dr. G.S. Kalkat, former Vice Chancellor, Punjab Agriculture University, Ludhiana

Special Secretary

Dated: 23.12.04.

Endst. No.2/41/2000-STE(1)/ 3954

A copy alongwith a spare copy of the above notification is forwarded to Controller, Printing & Stationery, Punjab for publication in the ordinary official gazette of the Punjab State. He is requested to send 25 copies of the above notification to the State Government for record.

**Government of Punjab
Department of Science, Technology & Environment**

Notification

Dated, Chandigarh: 06-01-2021

STEBO10/17/2021-STE3/127400

In partial modification of Punjab Government Notification Issued vide Enclt No. 2/41/2000/STE(1)/110154816, dated 08.11.2017 and in exercise of powers conferred under section 22(1) of the Biological Diversity Act 2002, the Governor of Punjab is pleased to re-constitute the Punjab Biodiversity Board to promote the conservation of biodiversity of the state, sustainable use of its components and to ensure fair and equitable sharing of benefits arising out of the use of biological resources, knowledge and matters concerning there with as under:

i.	Administrative Secretary, Department of Science, Technology & Environment, Govt. of Punjab	Chairman
ii	Administrative Secretary, Department of Forests & Wildlife Preservation, Govt. of Punjab	Ex-Officio Member
iii	Administrative Secretary, Department of Rural Development & Panchayats, Govt. of Punjab	Ex-Officio Member
iv	Administrative Secretary, Department of Local Government, Govt. of Punjab	Ex-Officio Member
v	Administrative Secretary, Department of Planning, Govt. of Punjab	Ex-Officio Member
vi	Regional Officer, Ministry of Environment & Forests, Govt. of India, North Regional Office, Chandigarh or his Representative	Ex-Officio Member
vii	Director, Botanical Survey of India (BSI), Govt. of India or his nominee	Expert Member
viii	Director, Zoological Survey of India, Govt. of India or his nominee	Expert Member
ix	Vice Chancellor, Punjab Agricultural University, Ludhiana	Expert Member
x	Vice Chancellor, Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana	Expert Member
xi	Executive Director, Punjab State Council for Science & Technology Chandigarh	Member Secretary

MS
6.1.21

2. The term of office of Chairman and members, other than ex-officio members shall be for three years.

3. Functions, powers, financial account & audit and terms of reference shall remain

as notified vide Notification No.2/41/2000/STE(1)3942, dated 23rd December, 2004.

Dated, Chandigarh:
26-10-2020

Rahul Tewari, IAS
Secretary, Department of Science,
Technology & Environment

Enst No: STEB010/17/2021-STE3/127400

dated, Chandigarh: 06-01-2021

A copy along with a spare copy is forwarded to controller, printing and stationery,
Punjab Chandigarh for publishing the aforesaid notification in Punjab Govt. gazette ordinary
and supply 20 copies thereof for official use.

Manjeet Singh Randawa
Manjeet Singh Randawa 6.1.21

Superintendent

Enst No. STEB010/17/2021-STE3/127400

Dated, Chandigarh: 06-01-2021

A copy is forwarded to the following for information:-

1. Administrative Secretary, Department of Science, Technology & Environment.
2. Administrative Secretary, Department of Forest & Wildlife Preservation.
3. Administrative Secretary, Department of Rural Development & Panchayats.
4. Administrative Secretary, Department of Local Government.
5. Administrative Secretary, Department of Planning.

Manjeet Singh Randawa
Manjeet Singh Randawa 6.1.21

Superintendent

A Copy is forwarded to the following for information and necessary action:-

1. Chief Principal Secretary to Chief Minister Punjab for kind information of Hon'ble Chief Minister Punjab.
2. Private Secretary to SSTE for kind information of Secretary, Science, Technology and Environment.

Manjeet Singh Randawa
Manjeet Singh Randawa 6.1.21

Superintendent

To

1. Chief Principal Secretary to Chief Minister Punjab
2. Private Secretary to SSTE.

LD No:- STEB010/17/2021-STE3/127400

dated, Chandigarh 06-01-2021

Audited Statement of Account for the F.Y. 2020-21

PUNJAB BIODIVERSITY BOARD
MGSIPA COMPLEX, SECTOR-28, CHANDIGARH
BALANCE SHEET AS AT MARCH 31, 2021

(Amount in Rs.)


LIABILITIES	NOTES	AS AT 31.03.2021	AS AT 31.03.2020	ASSETS	NOTES	AS AT 31.03.2021	AS AT 31.03.2020
Capital Fund				Fixed Assets	4	20,820	24,589
Opening Balance		10,73,895	12,30,838				
Add: Grant transferred to Corpus		9,13,675	-				
Add (Less) : Surplus (Deficit) for the year		3,73,008	(1,55,739)				
		<u>23,60,578</u>	<u>10,73,895</u>				
Current Liabilities:				Current Assets, Loans & Advances:			
Grant in Aid from National Biodiversity Authority	2, 2A	-	37,46,956	Current Assets	5	25,54,688	52,20,820
Other liabilities	3	2,12,620	4,55,818	Loans & Advances	6	-	36,164
		<u>25,75,598</u>	<u>52,81,573</u>			<u>25,75,598</u>	<u>52,81,573</u>

Accounting Policies & Notes to Accounts 1 to 13

The notes referred to above and the notes thereto form an integral part of financial statements.

Compiled as per books of accounts and information and records produced before us.

For A.Gandhi & Associates
 Chartered Accountants
 FRN - 007023N

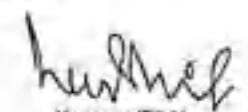


(Sumrit Naredia)
 Partner
 M.No. - 504348

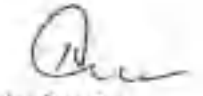
Place: CHANDIGARH
 Date: 02.08.2022

UDIN → 22504348A000Jx7728


For and on behalf of Punjab Biodiversity Board



Manager (F&A)
 PSCST & Punjab Biodiversity Board



Member Secretary
 Punjab Biodiversity Board



Appendix III

Audited Statement of Account for the F.Y. 2020-21

PUNJAB BIODIVERSITY BOARD
MGSIPA COMPLEX, SECTOR-26, CHANDIGARH

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED MARCH 31, 2021

(Amount in Rs.)

<u>EXPENDITURE</u>	<u>NOTES</u>	<u>CURRENT YEAR</u>	<u>PREVIOUS YEAR</u>	<u>INCOME</u>	<u>NOTES</u>	<u>CURRENT YEAR</u>	<u>PREVIOUS YEAR</u>
Employee Cost (including contractual staff)		14,51,897	17,55,553	Grant in Aid	7	18,19,030	14,53,289
Administrative & Other Expenses	10	1,47,570	1,01,947	Interest Received	8	4,55,163	2,66,114
Depreciation	4	4,069	5,632	Other Receipts	9	8,229	-
Surplus / (Deficit) For The Year		3,73,006	(1,28,730)				
		19,77,433	17,19,403			19,77,433	17,19,403

Accounting Policies & Notes to Accounts 4 to 13

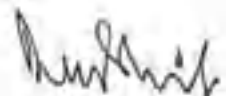
The notes referred to above and the notes thereon form an integral part of financial statements.

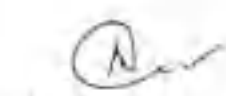
Compiled as per books of accounts and information and records produced before us.

For A.Gandhi & Associates
 Chartered Accountants
 FBN - 007023N

(Summit Muradia)
 Partner
 M.No. - 504348

Place: CHANDIGARH
 Date: 02-08-22
 UIN - 22504348A000JX7728


 Manager (FSA)
 PBCST & Punjab Biodiversity Board


 Member Secretary
 Punjab Biodiversity Board

Appendix IV**Celebrations of International Day for Biological Diversity in Punjab, 2020**

PBB has undertaken series of activities throughout the state with the involvement different stakeholders like Universities, Colleges, Schools, Pro-active NGOs and BMCs for the celebration of IDB-2020 with financial assistance of NBA, GoI. All the stakeholders were involved through virtual platforms to create awareness on importance of biological diversity and motivated to take up activities for biodiversity conservation.

Theme and Logo for IDB-2020**Theme: "Our Solutions are in Nature"**

State Level programme: The State level Deliberations on Biodiversity of Punjab was organized in collaboration with Eco-Sikh Charitable Trust, India (Proactive NGO) on 22nd May, 2021 through virtual platform (streamed live on Zoom & Facebook). The eminent personalities in the field of biodiversity and environment conservation; Padma Shri Baba Sewa Singh Ji, Mr Pradip Krishen (renowned Film maker & Author), Dr. Sheetal Amte (Social Entrepreneur & Environmentalists), Dr. Rajwant Singh (President, Eco Sikh, USA) were shared their thoughts on biodiversity conservation. Mrs B. V. Uma Devi, Additional Secretary, MoEFCC, GoI and Dr V.B. Mathur, Chairman, NBA, GoI also joined the event. Sh. Alok Shekhar, (IAS), Principal Secretary, Science, Technology and Environment, Govt. of Punjab highlighted about the various efforts being undertaken by PBB towards conservation of biodiversity of the state.

The details of the activities/programmes are as under:

Sr. No.	Name of the Collaborating Institutions/ Organizations	Programme/Participants Details
1	Eco Sikh Charitable Trust, India	22 nd May, 2020 State level Deliberations on Biodiversity of Punjab (live on Zoom & Facebook) Participants: 600 from all across the world
2	Pushpa Gujral Science City, Kapurthala	22 nd May, 2020 Expert lectures and competition on photography, story writing and poetry Participants: 400
3	Shanti Devi Arya Mahila College, Dinanagar	22 nd May, 2020 Expert lecture and online Declamation/Poster making/Slogan writing competitions Participants: 100
4	Sri Guru Granth Sahib World University, Fatehgarh Sahib	22 nd May, 2020 Expert lecture and competition on Essay writing, Collage making, Slogan writing Participants: 150
5	Sandli Pairan and Natural Biodiversity, Panjab University, Chandigarh	23 rd May, 2020 Expert lectures on Biodiversity Issues and Solutions, Food Security, Sustainable Information Dissemination Participants: 100
6	Gulmohar Eco Club, Govt. Primary School, Machaki Mal Singh, Faridkot	23 rd May, 2020 Expert Lectures and student competitions Participants: 120
7	Hans Raj Mahila Maha Vidyalaya, Jalandhar	25 th May, 2020 Expert lectures and student competition Participants: 150
8	Punjab State Council for Science & Technology	Publication of special issues of monthly Punjabi magazine "Nirantar Soach" on Biodiversity related issues Circulation of Magazine: 5500 Eco Clubs



All the activities undertaken by Punjab Biodiversity Board to commemorate IDB, 2020 were widely covered in print & electronic media.

E-Invites and Glimpses of Celebrations of IDB, 2020

Punjab Biodiversity Board & EcoSikh Celebrate
INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY - 2020
 Sponsored By National Biodiversity Authority, Govt. of India

State Level Deliberations on Biodiversity of Punjab

EMINENT SPEAKERS

- Padma Shri Baba Sewa Singh Ji**
Environmentalist
- Mr. Pradip Krishen**
Film Maker, Author & Environmentalist
- Dr. Rajwant Singh**
President EcoSikh USA
- Dr. Sheetal Arta**
Social Entrepreneur & Environmentalist

LIVE ON

- EcoSikh/
- Zoom
- Friday 22nd May, 2020
- 3 PM – 4:30 PM

22 MAY 2020
INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY

For further details:
 Gurharminder Singh, PBA
 +91 98156 05801

Rajwant Singh, EcoSikh
 +91 90983 73268

[Registration link for Zoom: https://www.ecosikh.org/72Uwou](https://www.ecosikh.org/72Uwou)



STATE LEVEL DELIBERATIONS ON BIODIVERSITY OF PUNJAB



22 MAY 2020
INTERNATIONAL DAY FOR
BIOLOGICAL DIVERSITY
Our solutions are in nature

Organized by:
Punjab Biodiversity Board
& EcoSikh




Supported by:
National Biodiversity
Authority, Govt. of India



LIVE ON

 /EcoSikh

 Zoom

 Friday
22nd May, 2020

 3 PM – 4:45 PM

For more details:
Gurharminder Singh, PDB
+91 98136-55801
Rauneet Singh, EcoSikh
+91 98884-72268

Tentative Programme Schedule

Welcome Address	3:00 PM – 3:05 PM
S. Charan Singh, Convenor, Guru Nanak Sacred Forest, EcoSikh	
Opening Remarks	3:05 PM – 3:10 PM
Dr. V.B Mathur, Chairman National Biodiversity Authority, Govt. of India.	
Special Remarks	3:10 PM – 3:15 PM
Mrs. B.V Umadevi, IFO5, Additional Secretary, Ministry of Environment, Forests & Climate Change, Govt. of India.	
Presidential Address	3:15 PM – 3:20 PM
Mr. Alok Shekhar, IAS, Principal Secretary, Science, Technology & Environment, Govt. of Punjab.	
Keynote Address	3:20 PM – 3:55 PM
Mr. Pradip Krishen Film Maker, Author & Environmentalist	
Address by Chief Guest	3:55 PM – 4:05 PM
Padma Shri Baba Sewa Singh Ji, Environmentalist	
Address by Guest of Honour	4:05 PM – 4:25 PM
Dr. Sheetal Amte Social Entrepreneur & Environmentalist	
Address by Guest of Honour	4:25 PM – 4:35 PM
Dr. Rajwant Singh President EcoSikh, USA	
Concluding Remarks	4:35 PM – 4:40 PM
Dr. Jatinder Kaur Arora Member Secretary, Punjab Biodiversity Board	
Vote of Thanks	4:40 PM – 4:45 PM
S. Ravneet Singh Project Manager (South Asia), EcoSikh	

Registration link for Zoom live: <https://bit.ly/2L1zwwu>



National Seminar

22 MAY 2020
INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY
Our solutions are in nature

Join us on
 📺 [YouTube Channel: Biodiversity Digest](#)
 📺 [YouTube Live: youtube.com/channel/UC3-h-3rJPnSQRyFbER_jMOg](#)
SUBSCRIBE to watch the LIVE. WhatsApp on 91-98723-01049




11:00 AM - 12:00 PM
Role of Women in Biodiversity Conservation



12:00 PM - 1:00 PM
Healthy Biodiversity Systems Support Solutions



1:00 PM - 2:00 PM
Community Participation in Encouraging Resilient Ecosystems





2:00 PM - 3:00 PM
Status of Family Commission in India



3:00 PM - 4:00 PM
Concluding Remarks

Organized By
Gulmohar Eco Club,
B. P. S. Mohali Mal Singh, Faridkot (Punjab)


Varinder Kumar, Organizer



22 MAY 2020
INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY
Our solutions are in nature

Celebrating International Day for Biological Diversity
 Sandali Poiran in collaboration with Punjab Biodiversity Board
 Sponsored by National Biodiversity Authority (NBA), Govt. of India



Theme: Our solutions are in nature

Anil Thakur
4 PM - Session on Biodiversity Issues and Solution

Puneet Arora
4:40 PM - Session on Food Security

Navtej Singh & Arun Bansal
5:10 PM - Sustainable Information Dissemination

LIVE - Friday, May 20, 2020 : 4 PM
facebook.com/groups/naturalbiodiversity

Please Contact for Further Details
 98156 56801 98723 01049
Gurharinder Singh **Parveen Jaggi**
 Punjab Biodiversity Board Sandali Poiran



INTERNATIONAL BIODIVERSITY DAY 2020

Our solutions are in nature

Free Webinar

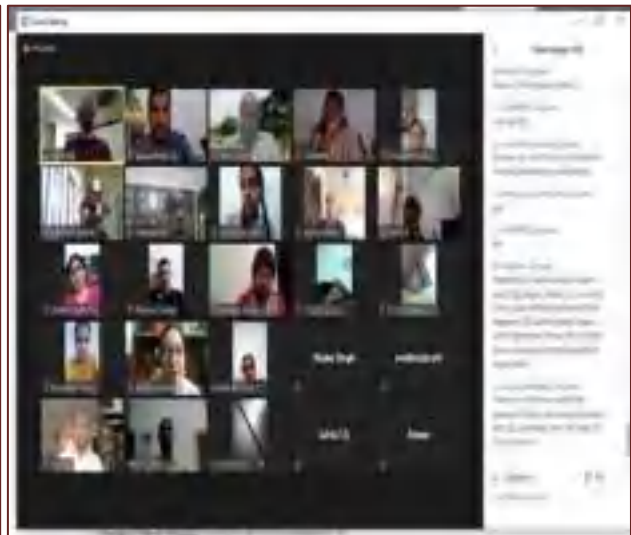
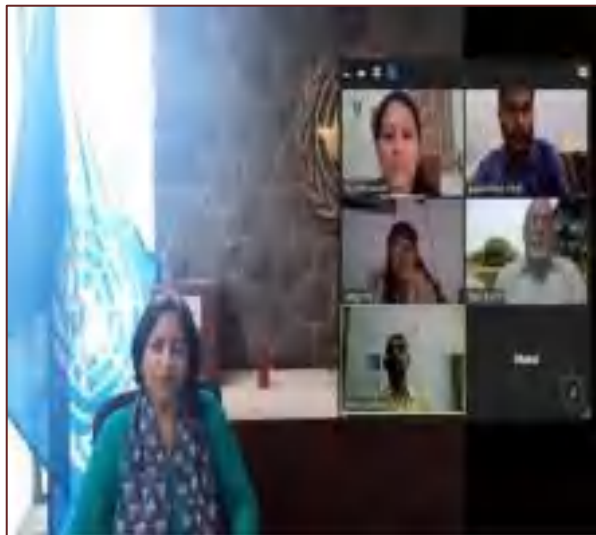
Friday, May 22, 2020, 11 am – 1 pm

Register on www.pbcsciencecity.org
Platform: Zoom (login details will be shared on registered email id of participants)

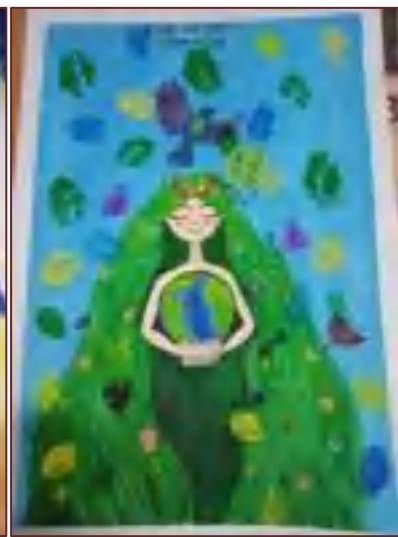
OUR SPEAKERS

- Dr. Ram Boojh**
Former UNESCO Environment Specialist & CEO, Mobius Foundation
Biodiversity & Nature Based solutions in the Covid era
- Dr. P.S. Roy**
Sr. Advisor, ICRIAT & Former Director, IIRS (IIRD), Dehradun
Will Climate Change expose humanity to more unknown diseases & epidemics
- Mr. Jitendra Sharma, IFS**
PCCF & MOFF, Punjab and Former CEO, Nat. Med. Plant Board & Joint Secretary, Ministry of AYUSH
Biodiversity: The 21st Public Health: What do they need
- Dr. A. K. Gupta, IFS**
Former PCCF & MOFF and Member Sec, Tripartite Biodiversity Board, Registrar & Gen. MNLN, Bangalore
Mainstreaming Biodiversity for Sustainable Livelihood

Sponsored by Punjab Biodiversity Board National Biodiversity Authority, GDI



Glimpses of Poster making competitions



Photographs clicked by participants in various competitions





Film Festival on Biodiversity & Climate Change

FILM FESTIVAL
on **BIODIVERSITY & CLIMATE CHANGE**
PUNJAB STATE COUNCIL FOR SCIENCE & TECHNOLOGY
In collaboration with
CMS VATAVARAN
March 9, 2021 | 11:00 am - 02:30 pm

WORKSHOP **PSCSTGHANDBARKH**

The Working Paper includes some of the following activities:
 - Carry out a biodiversity audit in your school/college
 - Carry out a biodiversity audit in your home
 - Carry out a biodiversity audit in your neighbourhood
 - Carry out a biodiversity audit in your workplace

Workshop Topics:
 - Biodiversity & Climate Change
 - Biodiversity & Sustainable Development Goals
 - Biodiversity & Sustainable Consumption and Production Patterns
 - Biodiversity & Sustainable Cities and Communities
 - Biodiversity & Sustainable Energy

Logos of Punjab State Council for Science & Technology, CMS VATAVARAN, and other partners.

www.pscst.punjab.gov.in | www.cmsvataran.org

FILM FESTIVAL
on **BIODIVERSITY & CLIMATE CHANGE**
PUNJAB STATE COUNCIL FOR SCIENCE & TECHNOLOGY
In collaboration with
CMS VATAVARAN

Cordially invite you to
Online Film Festival
March 9-10, 2021 | 10:30 am onwards

Film Screenings
Presented by National Film Development Corporation

Green Filmmaking Workshop

Logos of Punjab State Council for Science & Technology, CMS VATAVARAN, and other partners.

www.pscst.punjab.gov.in | www.cmsvataran.org

DAY 1 (March 9, 2021)

Film Screenings (from 10:30 am)

Environment: The Changing Face
 The film depicts the changing face of our planet due to climate change. It shows the impact of human activities on the environment and the need for sustainable development. The film is a must-watch for everyone who is concerned about the future of our planet.

Early Warning: Warnings on the Dams and the Damages
 This film highlights the dangers of dams and the impact of dam failures. It shows the human and environmental costs of dam projects and the need for better planning and regulation.

Green: United We Stand
 This film focuses on the importance of green spaces in urban areas. It shows how green spaces can improve air quality, reduce noise, and provide a place for recreation and relaxation.

Biodiversity: The
 This film explores the concept of biodiversity and its importance for the health of our planet. It shows the different types of biodiversity and the threats to it, and the need for conservation.

Green
 This film is a collection of short stories about green living and sustainable development. It shows how small changes in our daily lives can make a big difference.

Carry Your Own Bag
 This film is a collection of short stories about carrying your own bag and reducing plastic waste. It shows how simple changes in our shopping habits can help reduce plastic pollution.

Chasing Gaur
 This film is a collection of short stories about chasing the elusive Gaur (Indian bison). It shows the importance of the Gaur as a keystone species and the need for conservation.

Programme Inaugural
March 9, 2021 (10:30 am to 11:00 am)

Welcome by
CMS VATAVARAN

Guest of Honour



Dr. V B Mathur,
Chairman
National Biodiversity Authority,
Govt. of India

Speakers



Dr. Ashish Kumar,
Joint Director
Ministry of Environment,
forest & Climate Change



Dr. P N Vasanti,
Director General,
Centre for Media Studies



Dr. Jatinder Kaur Arora,
Executive Director,
PSCST and Member Secretary,
PBB, Govt. of Punjab

Screening of Films
March 9, 2021 | 11:00 am onwards

Panel Discussion with Film Makers
March 9, 2021 | 02:30 pm onwards

Green Film Making Workshop
by Aarti Shrivastava
March 10, 2021 | 10:30 am onwards

 **PSCSTCHANDIGARH**

DAY 1 (March 9, 2021)

Panel Discussion with Filmmakers (2:30 pm onwards)
Moderated by Sabyasachi Bharati



Rajesh Chhabra is a filmmaker with many studies - environment, climate, human rights, social justice, gender issues, children, education. He is Professor/MD - Global Film City, Raipur (an online film city opening up new jobs) and Director - Chhannaganj Research. Mr. Chhabra is also Executive Member of Management Committee of LBM Public School, Agartala. Mr. Chhabra has won the highly acclaimed 'Jagadgur' 'The Writing Bee' which gets judges children to hit it back with blogs and eBooks. An award winner at LITTT World Cine Fest (best award) at NMF Festival (award and official selection) at the San Diego International Film Festival and California USA, IFFI Film Festival (award) and IFFI-2018, Newson Nathia. Most film projects include 'Mam Rajhans' which is a platform to give artists against the backdrop of a global earth where sustainability is being laid over thousands of human lives and irreversible loss. A keen photographer, an intense writer and an avid content creator, with passion for music.



Ananika Dattini Joshi is an independent filmmaker. Her work ranges from short films till her transition to long documentaries. 'Passengers', a critically acclaimed film made during and after the 2020 digital curfew was one of her first films. Her short film on the river Ganga addressing the global issue of climate change is regularly featured on national television, with film on India's largest environmental 'Daha Bura' has been showcased and awarded in every festival, including the Livelihood Award in the 5th CMS Velavari Festival. For highlighting the issues in Doha, Joshi has been honoured with the Karmaveer Puraskar, National People's Award for Social Justice and Citizen Action.



Shrinivas GU currently works as an Assistant Teacher with Department of Elementary Education Govt. of Uttarakhand. He has worked in both Film and Document, Media Journalism and TV channels.



Jitendra Singh Bhatia works as a cartoonist but been working in national dailies for the last ten years as it has won him several awards. His first short film 'Tulla Drive' on the behalf of and highlighting the road accident by a traffic department of the state governments of Punjab, Haryana and Chandigarh. He has also produced an animation film 'Nani Chhaya' which received national and international acclaim and was included in the New York Children's International Film Festival, plus. He made a documentary 'Jeds and Nature' which was shown before at the National Olympics in South Korea and won a bronze medal for his country. His film 'Marty's War' has won the Award of Merit in Animation at the California-based Best Shorts Competition.



Dorris Parth is first year Architecture Film Design Graduate from The National Institute of Design, NID, Ahmedabad. She has been and brought up in Coorg, Karnataka, and did her schooling in Coorg and Mangalore. She often writes, poems and composed music. She is an avid reader, singer and painter.



Sunil Bhardwaj aims to spread the message of environmental awareness through his lens. In 2019, he introduced 'Shantika Sphera' (A Tale Taken) due to the strong passion for the environment and with the objective 'Greeny' in focus to started his film 'Greeny the Good'.

Appendix VI

Glimpses of Green Film Making Workshop



Green Filmmaking Workshop by Aarti Shrivastava

Aarti Shrivastava born in Nagpur, Maharashtra, is a national award-winning documentary filmmaker and Asia 21 leader based in Chennai. She has been an executive producer on films like 'Serious Men' (Netflix), Kick and was also associated with films like My Naim is Khan, Kambakkht Ishq to name a few. She is currently busy directing west indies cricketer Dwayne Bravo in her upcoming film 'Men Take Lead' and is simultaneously writing her first commercial film on women empowerment to be played by a leading female artist from south.



She started her journey as a bollywood show anchor and producer with ZNBC TV 18 and has been a jury member on various national and international film festivals including the Prestigious National Film Awards, International Film Festival of India (Goa). Besides managing her media production company, she has produced and directed many environmental films which has brought grassroots level change in the society. These films not only did well in the international and national film festival circuit but also pushed the policy & decision makers to make policies which benefitted Indian forests and biodiversity. She has studied social entrepreneurship from Stanford University in the USA. Passionate about environmental filmmaking and cinema which brings social change in the society.



Glimpses of Plantation Drive of Native Verities of *Ziziphus jujuba* (Desi Beri)

‘पर्यावरण स्थिरता’ और ‘विरासत संरक्षण’ के लिए लगाए पौधे



‘पर्यावरण स्थिरता’ और ‘विरासत संरक्षण’ के लिए लगाए पौधे। श्री गुरु गोबिंद सिंह कॉलेज, चण्डीगढ़, की छात्राध्यक्ष प्रियंका सिंह ने 22 अगस्त 2020 को चण्डीगढ़ में एक कार्यक्रम आयोजित किया। इस कार्यक्रम में श्री गुरु गोबिंद सिंह कॉलेज के छात्रों और शिक्षकों ने 400 पौधे लगाए। कार्यक्रम में श्री गुरु गोबिंद सिंह कॉलेज के प्राचार्य श्री गुरहमिंदर सिंह, प्रमुख वैज्ञानिक अधिकारी, निदेशक, पर्यावरण और जलवायु परिवर्तन, पंजाब, भी शामिल थे।

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ਸ੍ਰੀ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਕਾਲਜ ਵਿੱਚ ਦੇਸੀ ਬੇਰੀਆਂ ਦੇ ਬੂਟੇ ਲਗਾਏ



ਚੰਡੀਗੜ੍ਹ: ਸ੍ਰੀ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਕਾਲਜ, ਚੰਡੀਗੜ੍ਹ ਵਿਖੇ 22 ਅਗਸਟ 2020 ਨੂੰ ਇੱਕ ਵੱਡੇ ਪੱਧਰ 'ਤੇ 'ਪਰਿਆਵਰਣ ਸਥਿਰਤਾ' ਅਤੇ 'ਵਿਰਾਸਤ ਸੰਰक्षण' ਦੇ ਨਾਂ ਹੇਠਲੇ 400 ਦੇਸੀ ਬੇਰੀਆਂ ਦੇ ਬੂਟੇ ਲਗਾਏ ਗਏ। ਇਸ ਮੌਕੇ ਪੰਜਾਬ ਦੇ ਮੁੱਖ ਮੰਤਰੀ ਭਗਤ ਸਿੰਘ ਸੇਖਰੂ ਦੀ ਸਲਾਹਕਾਰ ਮਹਿਲਾ ਮੰਡਲ ਦੀ ਮੈਂਬਰ ਸ਼੍ਰੀਮਤੀ ਪ੍ਰਿਯੰਕਾ ਸਿੰਘ ਨੇ ਸ਼ੁਰੂਆਤੀ ਪੌੜੀ ਪਾਈ। ਸ਼੍ਰੀ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਕਾਲਜ ਦੇ ਪ੍ਰਿੰਸੀਪਲ ਸ਼੍ਰੀ ਗੁਰਹਮਿੰਦਰ ਸਿੰਘ ਨੇ ਵੀ ਸ਼ਿਰਕਤ ਕੀਤੀ।

ਚੰਡੀਗੜ੍ਹ: ਸ੍ਰੀ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਕਾਲਜ, ਚੰਡੀਗੜ੍ਹ ਵਿਖੇ 22 ਅਗਸਟ 2020 ਨੂੰ ਇੱਕ ਵੱਡੇ ਪੱਧਰ 'ਤੇ 'ਪਰਿਆਵਰਣ ਸਥਿਰਤਾ' ਅਤੇ 'ਵਿਰਾਸਤ ਸੰਰक्षण' ਦੇ ਨਾਂ ਹੇਠਲੇ 400 ਦੇਸੀ ਬੇਰੀਆਂ ਦੇ ਬੂਟੇ ਲਗਾਏ ਗਏ। ਇਸ ਮੌਕੇ ਪੰਜਾਬ ਦੇ ਮੁੱਖ ਮੰਤਰੀ ਭਗਤ ਸਿੰਘ ਸੇਖਰੂ ਦੀ ਸਲਾਹਕਾਰ ਮਹਿਲਾ ਮੰਡਲ ਦੀ ਮੈਂਬਰ ਸ਼੍ਰੀਮਤੀ ਪ੍ਰਿਯੰਕਾ ਸਿੰਘ ਨੇ ਸ਼ੁਰੂਆਤੀ ਪੌੜੀ ਪਾਈ। ਸ਼੍ਰੀ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਕਾਲਜ ਦੇ ਪ੍ਰਿੰਸੀਪਲ ਸ਼੍ਰੀ ਗੁਰਹਮਿੰਦਰ ਸਿੰਘ ਨੇ ਵੀ ਸ਼ਿਰਕਤ ਕੀਤੀ।

PLANTATION DRIVE

Chandigarh: Sri Guru Gobind Singh College, Chandigarh, in association with Bearth Mallan Society, Muktsar, organised a plantation drive to mark the 400th Birth anniversary of Guru Tegh Bahadur, Kahan Singh Punnu, Secretary, Department of Agriculture and Climate Change, Punjab, was the chief guest and Gurharninder Singh, Principal Scientific Officer, Directorate of Environment and Climate Change and Punjab Biodiversity Board, was the guest of honour. TNS

ਇਕ ਨਜ਼ਰ

ਕਾਲਜ ਵਿੱਚ ਦੇਸੀ ਬੇਰੀਆਂ ਦੇ ਬੂਟੇ ਲਾਏ



ਚੰਡੀਗੜ੍ਹ: ਸ੍ਰੀ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਕਾਲਜ, ਚੰਡੀਗੜ੍ਹ ਵਿਖੇ 22 ਅਗਸਟ 2020 ਨੂੰ ਇੱਕ ਵੱਡੇ ਪੱਧਰ 'ਤੇ 'ਪਰਿਆਵਰਣ ਸਥਿਰਤਾ' ਅਤੇ 'ਵਿਰਾਸਤ ਸੰਰक्षण' ਦੇ ਨਾਂ ਹੇਠਲੇ 400 ਦੇਸੀ ਬੇਰੀਆਂ ਦੇ ਬੂਟੇ ਲਗਾਏ ਗਏ। ਇਸ ਮੌਕੇ ਪੰਜਾਬ ਦੇ ਮੁੱਖ ਮੰਤਰੀ ਭਗਤ ਸਿੰਘ ਸੇਖਰੂ ਦੀ ਸਲਾਹਕਾਰ ਮਹਿਲਾ ਮੰਡਲ ਦੀ ਮੈਂਬਰ ਸ਼੍ਰੀਮਤੀ ਪ੍ਰਿਯੰਕਾ ਸਿੰਘ ਨੇ ਸ਼ੁਰੂਆਤੀ ਪੌੜੀ ਪਾਈ। ਸ਼੍ਰੀ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਕਾਲਜ ਦੇ ਪ੍ਰਿੰਸੀਪਲ ਸ਼੍ਰੀ ਗੁਰਹਮਿੰਦਰ ਸਿੰਘ ਨੇ ਵੀ ਸ਼ਿਰਕਤ ਕੀਤੀ।



Appendix VIII

Snapshots of Publication of Monthly Magazine “Nirantar Soach”



**Details of NBA-UNDP Yearlong Webinar Series on Biodiversity & BD Act, 2002
launched by Sh. Prakash Javadekar, Hon'ble Minister, MoEF&CC, GoI**



NBA-UNDP Webinar Series on

"Biodiversity and Biological Diversity Act 2002"

Biodiversity, also defined as the web of life, encompasses the variety and variability of all life-forms from all sources including terrestrial, marine and other aquatic, ecosystems and the ecological complexes of which they are part, and includes diversity within species, between species and of ecosystems. Biodiversity on earth is a manifestation of 3.5 billion years of human evolution.

Biodiversity brings enormous benefits to humankind through provisioning of goods and services with raw materials for consumption and production, livelihoods to local communities, forest dwellers, farmers, and fishers. Biodiversity underpins all economic activity, presently worth an estimated US\$125 trillion. However, the understanding about the significance of biodiversity and the issues related to its conservation and management are not adequately understood by a large section of society.

The Government of India enacted the Biological Diversity (BD) Act in 2002; notified the Biodiversity Rules in 2003 and formulated the guidelines for Access and Benefit Sharing (ABS) of biological resources in 2014. This legal framework has served well to achieve the goals of conservation of biodiversity, sustainable utilization of biodiversity and fair and equitable sharing. Nevertheless, the understanding of this legal framework and issues related to its implementation have not been completely understood by a large number of stakeholders.

In order to effectively address these issues, this webinar series has been designed to bring in leading experts and practitioners to share their professional expertise and respond to various Q & A. Based on the experience, the webinar series will be expanded in both content and coverage.

For more information, please contact:
 Sh. J. Jash Mohan, Secretary, National Biodiversity Authority, Chennai. Email: secretary@nba.nic.in
 Dr. Manoj Thakur, Project Associate, UNDP, New Delhi. Email: manoj.thakur@undp.org



Webinar Number	Date	Time	Topic	Speaker
1	22 May 2020	11:45-12:45	COVID-19 and One Health Initiative	Representatives: MoEF&CC, MoFA&SD, NCBS, DBT, ICMR, NCD, WHO, UNEP, UNDP Moderator: Dr. V.B. Matkar
2	24 June 2020	11:00-11:30	Introduction to Biological Diversity Act: Historical Perspectives	Dr. P. L. Gauram Former Chairperson, National Biodiversity Authority
3	22 July 2020	11:00-11:30	Biological Diversity Act, 2002: Part I	Sh. Rabi Kumar Former Secretary, National Biodiversity Authority
4	19 Aug 2020	11:00-11:30	Biological Diversity Act, 2002: Part II (The Biological Diversity Rules, 2004)	Sh. A. K. Goyal Former Special Secretary, Government of India
5	23 Sept 2020	11:00-11:30	National Biodiversity Authority	Sh. Jash Mohan Secretary, National Biodiversity Authority
6	21 Oct 2020	11:00-11:30	State Biodiversity Board	Sh. R.S. Murthy Member Secretary, M.P. State Biodiversity Board
7	25 Nov 2020	11:00-11:30	Biodiversity Management Committee	Dr. Pradip Samalokam Member Secretary, Goa State Biodiversity Board
8	23 Dec 2020	11:00-11:30	Peoples Biodiversity Registers	Prof. Anil Gupta Indian Institute of Management, Ahmedabad
9	27 Jan 2021	11:00-11:30	The Nagoya Protocol	Dr. Sarai Babu Ghilla Senior Programme Manager, Office, Convention on Biological Diversity
10	24 Feb 2021	11:00-11:30	Access & Benefit Sharing Process & Outcomes	Dr. Shivendu Dhalwadia Former PCCF, Government of Madhya Pradesh

शांति देवी आर्य महिला कॉलेज में ऑनलाइन मनाया अंतर्राष्ट्रीय बायोडाइवर्सिटी दिवस

द्विनामगर (राजीव/राजकुमार): शांति देवी आर्य महिला कॉलेज में साइंस विभाग की ओर से कॉलेज प्रिंसिपल रत्ना शर्मा के नेतृत्व व प्रो. सुनीता वर्मा की देखरेख में जैव विभिन्नता पर ऑनलाइन अंतर्राष्ट्रीय बायोडाइवर्सिटी दिवस मनाया। इस दौरान गुरुनानक देव यूनिवर्सिटी की प्रो. डा. रेनु भारद्वाज ने विशेष तौर पर शिरकत की। उन्होंने कहा कि मानवता के लिए जैव विभिन्नता के बहुत फायदे हैं। इस कस्के पशु पक्षियों की रक्षा करनी चाहिए और पर्यावरण की शुद्धता के लिए मेडिसन प्लांट्स लगाने जरूरी हैं। पेड़ों की कटाई नहीं होनी चाहिए। बल्कि पेड़ लगाने की प्रवृत्ति को और उत्साहित करने की जरूरत है। उन्होंने वर्तमान कोरोना महामारी का हवाला देते हुए कहा कि इम्युनिटी अच्छे पर्यावरण में मजबूत हो सकती है। इस दौरान इस विषय पर भाषण, स्लोगन राइटिंग व पोस्टर मुकाबले भी करवाए गए। जिसमें रोशनी, अमनप्रीत, रुबीना, हर्षदीप, रिया सैनी, बबिता, अजली भावना व शायन ने शिरकत की। प्रिंसिपल रत्ना शर्मा ने बताया कि यह वेबिनार पंजाब बायोडाइवर्सिटी बोर्ड चंडीगढ़ के निर्देशों व सहायता से करवाया गया। उन्होंने डा. रेनु भारद्वाज व पंजाब बायोडाइवर्सिटी बोर्ड के डा. गगनदीप सिंह, डा. गुरुदरिंदर सिंह, डा. जैके अरोड़ा व डा. संगीता का भी धन्यवाद किया। कार्यक्रम की कन्वीनर सुनीता वर्मा ने कहा कि इस कार्यक्रम में कॉलेज के टीचर्स व बच्चों द्वारा ऑनलाइन शिरकत की गई। कॉलेज पीआरओ कुलविंदर कौर छीना ने बताया कि लाकडाऊन के दौरान यह दूसरा ऑनलाइन कार्यक्रम है।



प्रो. डा. रेनु भारद्वाज

आनलाਈन रासटरी सैमीनार करवाया

ढरौदकोट, 21 मई (जसवीर कौर)-अंतरराष्ट्रीय जैविक विविधता दिवस 2020 के मौके 'उ ग्लोबल डीको एंड स्पेस कलॉब मचाकी मॉल सिंथ (ढरौदकोट) वल्ले ऐक आनलाਈन रासटरी सैमीनार करवाया जा रिहा है जिस दा विसा रोवंगा सांडे गॅल कुदरत विस। ऐह सैमीनार पंजाब जैविक विविधता घेरड चंडीगढ़ दे मरिजेग नाल करवाया जा रिहा है। ऐस विस डा. गोपाल कृषन। सैटरल हरघरोअम, हावजा), डा. बलविंदर सिंथ लॅखवाली (पंजाब खेतीघाड़ी यूनीवर्सिटी, लुधियाणा), डा. चरन कुमार। ए. अंस. कालज, धंन। अउ प. वरिंदर मॅकड। सरकारी

बिजिंदरा कालज, ढरौदकोट) जैविक विविधता नाल सघंपड वॅध-वॅध विसिआ 'उ आपनी धॅज सांघी करनगे। डा. गुरहरमिंदर सिंथ (पंजाब जैविक विविधता घेरड) मरिमान वकता दे उॅर 'उ सिरकत करनगे। वरिंदर कुमार, गॅड टीचर, सरकारी प्वाँटमरी सकूल मचाकी मॉल सिंथ ने जाटकारी सांघी कीती कि सैमीनार मिती 23 मई 2020 नू सवरे 11 वजे यू-टिडूब 'उ लायीव रोवंगा। जिस नू उॅपुर् दिउं लिक 'उ लायीव दॅधिया जा सकेगा। ऐस प्सारन दा लिक Biodiversity Digest नां दे यू-टिडूब चॅनल, वॅध-सायीट अउ डॅसबुॅक पॅज 'उ वी पा दिउंता जावंगा।





ਡਾ: ਨੀਲਮਾ ਜੋਰਥ ਡਾਇਰੈਕਟਰ ਜਨਰਲ, ਡਾ: ਰਾਮ ਭੁੱਜ ਤੇ ਅਲੋਕ ਸ਼ੇਖਰ ਦੀਆਂ ਤਸਵੀਰਾਂ।

ਕੌਮਾਂਤਰੀ ਜੈਵਿਕ ਵਿਭਿੰਨਤਾ ਦਿਵਸ 'ਤੇ ਸਾਇੰਸ ਸਿਟੀ ਵਲੋਂ ਵੈਬੀਨਾਰ ਜ਼ਰੀਏ ਸਮਾਗਮ

ਕਪੂਰਥਲਾ, 22 ਮਈ (ਆਰਜੀਤ ਕੋਮਲ)-ਕੋਵਿਡ-19 ਮਹਾਂਮਾਰੀ ਨੇ ਸਾਨੂੰ ਕੁਦਰਤੀ ਹੋਣ ਦਾ ਅਹਿਸਾਸ ਕਰਵਾ ਦਿੱਤਾ ਹੈ। ਇਸ ਲਈ ਸਾਨੂੰ ਕੁਦਰਤ ਦੀਆਂ ਅਨਮੋਲ ਦਾਤਾਂ ਸ਼ਚਾਉਣ ਲਈ ਹਮੇਸ਼ਾ ਯਤਨਸ਼ੀਲ ਰਹਿਣਾ ਚਾਹੀਦਾ ਹੈ। ਇਹ ਸ਼ਬਦ ਡਾ: ਨੀਲਮਾ ਜੋਰਥ ਡਾਇਰੈਕਟਰ ਜਨਰਲ ਪੁਸ਼ਪਾ ਗੁਜਰਾਲ ਸਾਇੰਸ ਸਿਟੀ ਨੇ ਕੌਮਾਂਤਰੀ ਜੈਵਿਕ ਵਿਭਿੰਨਤਾ ਦਿਵਸ 'ਤੇ ਵੈਬੀਨਾਰ ਰਾਹੀਂ ਪੁਸ਼ਪਾ ਗੁਜਰਾਲ ਸਾਇੰਸ ਸਿਟੀ ਕਪੂਰਥਲਾ ਵਲੋਂ ਕਰਵਾਏ ਗਏ ਸਮਾਗਮ ਨੂੰ ਸੰਬੋਧਨ ਕਰਦਿਆਂ ਕਹੇ। ਉਨ੍ਹਾਂ ਕਿਹਾ ਕਿ ਵਿਸ਼ਵ ਪੱਧਰ 'ਤੇ ਜੈਵਿਕ ਵਿਭਿੰਨਤਾ ਦਾ ਸਾਰੇ ਕੋਲ ਬਹੁਤ ਵੱਡਾ ਖਜਾਨਾ ਹੈ। ਡਾ: ਜੋਰਥ ਨੇ ਕਿਹਾ ਕਿ ਜੀਵਨ ਵਿਚ ਜੈਵਿਕ ਵਿਭਿੰਨਤਾ ਦੀ ਮਹਾਨਤਾ ਦੇ ਬਾਵਜੂਦ ਮਨੁੱਖੀ ਵਰਤਾਰੇ ਨਾਲ ਜੈਵਿਕ ਵਿਭਿੰਨਤਾ ਦੀਆਂ ਬਹੁਤ ਸਾਰੀਆਂ ਪ੍ਰਜਾਤੀਆਂ ਖਤਮ ਹੋ ਚੁੱਕੀਆਂ ਹਨ ਤੇ ਕੁਝ ਖਤਮ ਹੋਣ ਦੇ ਕਾਰਗਰ 'ਤੇ

ਹਨ। ਵੈਬੀਨਾਰ ਮੌਕੇ ਸੁਜੀਤ ਕੁਮਾਰ ਸੰਯੁਕਤ ਸਕੱਤਰ ਕੇਂਦਰੀ ਵਾਤਾਵਰਣ ਜੰਗਲਾਤ ਤੇ ਜਲਵਾਯੂ ਪਰਿਵਰਤਨ, ਡਾ: ਵੀ. ਬੀ. ਮਾਥੁਰ ਚੇਅਰਮੈਨ ਕੌਮੀ ਜੈਵਿਕ ਵਿਭਿੰਨਤਾ ਅਥਾਰਿਟੀ, ਰੁਚੀ ਪੰਤ ਮੁਖੀ ਜੈਵਿਕ ਵਿਭਿੰਨਤਾ, ਡਾ: ਰਾਮ ਭੁੱਜ ਮਾਹਿਰ ਜਨੇਸਕੋ, ਡਾ: ਐਸ. ਪੀ. ਰਾਏ ਸਾਬਕਾ ਡਾਇਰੈਕਟਰ ਇਸਰੋ, ਜਤਿੰਦਰ ਸ਼ਰਮਾ ਸਾਬਕਾ ਸੰਯੁਕਤ ਡਾਇਰੈਕਟਰ ਆਯੁਸ਼ ਮਿਤਰਾਲਾ, ਡਾ: ਏ. ਕੇ. ਗੁਪਤਾ ਸਾਬਕਾ ਪੀ. ਸੀ. ਸੀ. ਐਫ. ਤ੍ਰਿਪੁਰਾ, ਅਲੋਕ ਸ਼ੇਖਰ ਪ੍ਰਮੁੱਖ ਸਕੱਤਰ ਵਿਗਿਆਨ ਤਕਨਾਲੋਜੀ ਤੇ ਵਾਤਾਵਰਣ ਪੰਜਾਬ ਵਲੋਂ ਕੌਮੀ ਜੈਵਿਕ ਵਿਭਿੰਨਤਾ ਸੰਬੰਧੀ ਸੰਦੇਸ਼ ਭੇਜੇ ਗਏ। ਸਮਾਗਮ ਦੇ ਪ੍ਰਬੰਧਕਾਂ ਨੇ ਦੱਸਿਆ ਕਿ ਇਸ ਮੌਕੇ ਕੁਦਰਤੀ ਭੱਟੇਗਾੜੀ, ਲੇਖ ਲਿਖਣ ਦੇ ਕਰਵਾਏ ਗਏ ਆਨਲਾਈਨ ਮੁਕਾਬਲੇ 'ਚ ਜੇਤੂ ਰਹੇ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਵਿਸ਼ਵ ਵਾਤਾਵਰਣ ਦਿਵਸ ਮੌਕੇ ਇਨਾਮ ਤਕਸੀਮ ਕੀਤੇ ਜਾਣਗੇ।

ਸ਼ਾਂਤੀ ਦੇਵੀ ਆਰੀਆ ਮਹਿਲਾ ਕਾਲਜ ਵਿਖੇ ਵੈਬੀਨਾਰ ਕਰਵਾਇਆ

ਦੀਨਾਨਗਰ, 23 ਮਈ (ਸੰਧੂ/ਸਿੱਢੀ/ਸ਼ਰਮਾ)-ਸ਼ਾਂਤੀ ਦੇਵੀ ਆਰੀਆ ਮਹਿਲਾ ਕਾਲਜ ਵਿਖੇ ਸਾਇੰਸ ਵਿਭਾਗ ਵਲੋਂ ਪ੍ਰਿੰਸੀਪਲ ਰਤਨਾ ਸ਼ਰਮਾ ਦੀ ਪ੍ਰਧਾਨਗੀ ਤੇ ਪ੍ਰੋ. ਸੁਨੀਤਾ ਵਰਮਾ ਦੀ ਦੇਖ-ਰੇਖ 'ਚ ਜੈਵਵਿਭਿੰਨਤਾ ਦਿਵਸ ਮਨਾਇਆ ਗਿਆ, ਜਿਸ 'ਚ ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਆਨ-ਲਾਈਨ ਸ਼ਿਰਕਤ ਕੀਤੀ। ਇਸ ਮੌਕੇ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ ਦੇ ਬੌਟਨੀਕਲ ਅਤੇ ਵਾਤਾਵਰਨ ਸਾਇੰਸ ਦੇ ਪ੍ਰੋਫੈਸਰ ਡਾ. ਰੇਣੂ ਭਾਰਦਵਾਜ ਵਿਸ਼ੇਸ਼ ਤੌਰ 'ਤੇ ਸ਼ਾਮਿਲ ਹੋਏ। ਇਸ ਵੈਬੀਨਾਰ ਨੂੰ ਸੰਬੋਧਨ ਕਰਦਿਆਂ ਡਾ. ਰੇਣੂ ਭਾਰਦਵਾਜ ਨੇ ਕਿਹਾ ਕਿ ਸਾਨੂੰ ਵੱਧ ਤੋਂ ਵੱਧ ਰੁੱਖ ਲਗਾਉਣੇ ਚਾਹੀਦੇ ਹਨ ਤੇ ਰੁੱਖਾਂ ਨੂੰ ਕੱਟਣ ਤੋਂ ਭਰੋਜ ਕਰਨਾ ਚਾਹੀਦਾ ਹੈ। ਉਨ੍ਹਾਂ ਕਿਹਾ ਕਿ ਸਾਡੀਆਂ ਸਮੱਸਿਆਵਾਂ ਦੇ ਹੱਲ ਵੀ ਕੁਦਰਤ ਦੇ ਕੋਲ ਹੀ ਹਨ, ਇਸ ਲਈ ਸਾਨੂੰ ਕੁਦਰਤ ਨੂੰ ਸੰਭਾਲਣ ਵਿਚ ਯੋਗਦਾਨ ਦੇਣਾ ਚਾਹੀਦਾ ਹੈ। ਉਨ੍ਹਾਂ ਕਿਹਾ ਕਿ ਪਸ਼ੂ ਪੰਛੀਆਂ ਦੀ ਸੰਭਾਲ ਕਰਨਾ ਤੇ ਵਾਤਾਵਰਨ ਨੂੰ ਸੁੱਧ ਰੱਖਣ 'ਚ ਸਾਨੂੰ ਸਾਰਿਆਂ ਨੂੰ ਆਪਣਾ ਯੋਗਦਾਨ ਦੇਣਾ ਚਾਹੀਦਾ ਹੈ ਤਾਂ ਹੀ ਅਸੀਂ ਕੁਦਰਤੀ ਸੌਖਿਆਂ ਦਾ ਪੂਰਾ ਲਾਭ ਹਾਸਲ ਕਰਨ ਵਿਚ ਸਫਲ ਰਹਾਂਗੇ। ਕਾਲਜ ਦੀ ਪ੍ਰਿੰਸੀਪਲ ਰਤਨਾ ਸ਼ਰਮਾ ਨੇ ਆਪਣੇ ਸੰਬੋਧਨ 'ਚ ਦੱਸਿਆ ਕਿ ਇਹ ਵੈਬੀਨਾਰ ਬਾਇਓ ਡਾਇਵਰਸਿਟੀ ਬੋਰਡ ਦੇ ਸਹਿਯੋਗ ਨਾਲ ਕਰਵਾਇਆ ਗਿਆ ਹੈ। ਉਨ੍ਹਾਂ ਇਸ ਵੈਬੀਨਾਰ 'ਚ ਸ਼ਿਰਕਤ ਕਰਨ ਵਾਲੇ ਸਾਰੇ ਮਹਿਮਾਨਾਂ ਦਾ ਧੰਨਵਾਦ ਕੀਤਾ।



ਅੰਤਰਰਾਸ਼ਟਰੀ ਜੀਵ-ਵਿਭਿੰਨਤਾ ਦਿਵਸ ਮੌਕੇ ਆਨਲਾਈਨ ਪ੍ਰਤੀਯੋਗਤਾ ਕਰਵਾਈ

ਫਤਹਿਗੜ੍ਹ ਸਾਹਿਬ, 23 ਮਈ (ਸ਼ਬਦੀਕਰ) - ਸੂਬੇ ਦੇ ਸੂਚਕ ਸਾਹਿਬ ਵਿਭਾਗ ਨੇ ਆਨਲਾਈਨ ਪ੍ਰਤੀਯੋਗਤਾ ਦਾ ਆਯੋਜਨ ਕੀਤਾ। ਇਸ ਮੌਕੇ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ। ਇਸ ਮੌਕੇ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ। ਇਸ ਮੌਕੇ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ।



ਪ੍ਰਤੀਯੋਗਤਾ ਅਤੇ ਆਨਲਾਈਨ ਮੌਕੇ ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ।

ਸਰਕਾਰੀ ਕਾਰਜਾਂ ਅਤੇ ਸੇਵਾਵਾਂ ਨੂੰ ਆਨਲਾਈਨ ਮੌਕੇ 'ਤੇ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ। ਇਸ ਮੌਕੇ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ। ਇਸ ਮੌਕੇ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ।

ਸਰਕਾਰੀ ਕਾਰਜਾਂ ਅਤੇ ਸੇਵਾਵਾਂ ਨੂੰ ਆਨਲਾਈਨ ਮੌਕੇ 'ਤੇ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ। ਇਸ ਮੌਕੇ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ। ਇਸ ਮੌਕੇ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ।

ਜਗ ਬਾਣੀ Mon, 25 May 2020
ਪੰਜਾਬੀ ਸੰਪਾਦਕ Editor: Jawahar Sahni Bani, Page no. 3

ਅੰਤਰਰਾਸ਼ਟਰੀ ਜੀਵ-ਵਿਭਿੰਨਤਾ ਦਿਵਸ ਮੌਕੇ ਆਨਲਾਈਨ ਕੌਮੀ ਪੱਧਰੀ ਪ੍ਰਤੀਯੋਗਤਾ

ਫਤਹਿਗੜ੍ਹ ਸਾਹਿਬ, 23 ਮਈ (ਸ਼ਬਦੀਕਰ) - ਸੂਬੇ ਦੇ ਸੂਚਕ ਸਾਹਿਬ ਵਿਭਾਗ ਨੇ ਆਨਲਾਈਨ ਪ੍ਰਤੀਯੋਗਤਾ ਦਾ ਆਯੋਜਨ ਕੀਤਾ। ਇਸ ਮੌਕੇ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ। ਇਸ ਮੌਕੇ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ।

ਸੂਚਕ ਸਾਹਿਬ ਵਿਭਾਗ ਦੇ ਸਹਾਇਕ ਪ੍ਰਬੰਧਕ, ਪੰ. ਯੋਗੇਸ਼ ਕੌਰ ਨੇ ਦੱਸਿਆ ਕਿ ਇਹ ਪ੍ਰਤੀਯੋਗਤਾ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ। ਇਸ ਮੌਕੇ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ।

ਵਰਲਡ ਯੂਨਿਵਰਸਿਟੀ ਮੈਂ ਜੀਵ-ਵਿਭਿੰਨਤਾ ਦਿਵਸ ਪਰ ਆਨਲਾਈਨ ਪ੍ਰਤੀਯੋਗਤਾ

400 ਤੋਂ ਅਧਿਕ ਪ੍ਰਤੀਯੋਗੀਆਂ ਨੇ ਭਾਗ ਲਿਆ

ਫਤਹਿਗੜ੍ਹ ਸਾਹਿਬ, 23 ਮਈ (ਸ਼ਬਦੀਕਰ) - ਸੂਬੇ ਦੇ ਸੂਚਕ ਸਾਹਿਬ ਵਿਭਾਗ ਨੇ ਆਨਲਾਈਨ ਪ੍ਰਤੀਯੋਗਤਾ ਦਾ ਆਯੋਜਨ ਕੀਤਾ। ਇਸ ਮੌਕੇ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ। ਇਸ ਮੌਕੇ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ।



ਵਰਲਡ ਯੂਨਿਵਰਸਿਟੀ ਮੈਂ ਆਨਲਾਈਨ ਪ੍ਰਤੀਯੋਗਤਾ ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ।

ਸਰਕਾਰੀ ਕਾਰਜਾਂ ਅਤੇ ਸੇਵਾਵਾਂ ਨੂੰ ਆਨਲਾਈਨ ਮੌਕੇ 'ਤੇ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ। ਇਸ ਮੌਕੇ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ। ਇਸ ਮੌਕੇ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ।

ਸੂਚਕ ਸਾਹਿਬ ਵਿਭਾਗ ਦੇ ਸਹਾਇਕ ਪ੍ਰਬੰਧਕ, ਪੰ. ਯੋਗੇਸ਼ ਕੌਰ ਨੇ ਦੱਸਿਆ ਕਿ ਇਹ ਪ੍ਰਤੀਯੋਗਤਾ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ। ਇਸ ਮੌਕੇ 'ਬੀਓਡ-19 ਦਿਵਸ' ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ।

Biodiversity has tools to fight Covid: Experts

THE HINDU NEWS SERVICE

JALANDHAR, MAY 22
 To mark International Biodiversity Day, Punjab Openair Science City today expressed a welcome to create an awareness on the significance of biological diversity and the nature, especially during the present Covid-19 crisis.

The webinar focused on the theme 'Our solutions are in nature'. Director General, Punjab Openair Science City, Dr Neelima Jyothi, who was Executive member secretary of the Punjab Biodiversity Board for 10 years, welcomed the speakers.

She pointed out that biodiversity was a global asset of tremendous value, which had not only ensured the stability of ecosystems and food security, but had also directed trade and commerce in the past. However, man's actions were leading to the destruction of habitats and loss of many species, the potential of which was yet to be realised.

She said the Covid pandemic had brought this to focus and year 2020 was a time to realise the importance of living in harmony with the nature and reflect upon their actions.

Principal Secretary, Science, Technology and Environment, Punjab, Ashu Chhabra said it was essential to obtain from indigenous use and over-exploitation of natural resources and reaffirm commitment towards conservation in the context of the Covid-19 pandemic, which had shaken the entire world.

A well-known biodiversity expert and former UNESCO specialist, Dr Ram Singh mentioned that Covid-19 was a reminder that the human health was linked to the planet's health.

Other speakers at the event were Dr JS Singh, advisor, International Group Research Institute for Semi-Arid Tropics, and Former Director, IITA, ICRAR, Joint Director, Science, Gender, Joint Secretary, Ministry of Agriculture, Govt of India, and Dr AK Datta, Dean, Foundation for Revitalisation of Local Health Traditions.



Neelima Jyothi



Ram Singh



Ashu Chhabra

ONLINE EVENTS

Science city also organised online photography and story writing competitions for children and the general public. Selected entries will be published in an e-book of stories. Winners will be decided on World Environment Day.

was best input, it would offer excellent leads to fight against pandemics.

Sgtin Kumar Gujwara, Joint Secretary, Union Ministry of Environment, Forest and Climate Change in his message said the preservation of biodiversity was the only answer to many challenges, which were being faced by the humanity globally, despite all technological advancements achieved so far. It was high time to recognise the significance of biodiversity in their daily requirements of food, medicines, livelihoods and ecosystem services.

Underlining that life cannot be separated from forests, Dr VR Mathan, Chairman, National Biodiversity Authority, said the current year theme signified that people were part of the nature and it was their bounden duty to preserve biological diversity. Ancient philosophy had been focusing on the earth as their mother and all of them should pledge to protect it to live a healthy and happy life.

Head of biodiversity, United Nations Development Programme, Bachi Paul, too sent a similar message.

International Biodiversity day celebrated at HMV

JALANDHAR: For increasing understanding and awareness about the importance, role and issues concerning biodiversity and to connect students with nature, HMV Collegiate Sr. Sec. School celebrated International Biodiversity Day under the dynamic guidance of Principal Dr Ajay Sareen. Around 45 students participated in first category and 22 students participated in second category of the competition. The competition was adjudged by Ramu Sharma (Head Mass communication Deptt.) and Jaspreet Kaur (Lecturer English Deptt.). In Bio-verse competition, Lisha Junaja of SSC-2 (comm) got first prize, Gurleen Kaur of SSC-2 (comm) got second prize and Ira Bhatia of SSC-1 (Non-mat) got third prize. In photography competition, Vishavdeep Kaur of SSC-2 (comm) got first prize, Vishul and Shagun Sewak of SSC-1 (arts) got second and third prize respectively.

एचएमवी ने बायोडाइवर्सिटी डे पर करवाई ऑनलाइन प्रतियोगिताएं

जलंधर

एचएमवी कॉलेजियेट सीनियर सेकेंडरी स्कूल में बायोडायवर्सिटी डे का आयोजन किया गया। प्रिंसिपल डॉ. अजय सारेन की अध्यक्षता में आयोजित प्रतियोगिता में 45 छात्रों ने प्रथम श्रेणी में भाग लिया और 22 छात्रों ने द्वितीय श्रेणी में भाग लिया। प्रतियोगिता का आयोजन प्रिंसिपल डॉ. अजय सारेन की अध्यक्षता में हुआ। बायो-वर्स विधा में लीशा जुनाजा (एसएससी-2) प्रथम पुरस्कार जीत चुकीं, गुरलिन कौर (एसएससी-2) द्वितीय पुरस्कार जीत चुकीं और इरा बतिया (एसएससी-1) तृतीय पुरस्कार जीत चुकीं। फोटोग्राफी प्रतियोगिता में विशवदीप कौर (एसएससी-2) प्रथम पुरस्कार जीत चुकीं, विशुल और शागुन सेवक (एसएससी-1) द्वितीय और तृतीय पुरस्कार जीत चुकीं।



उत्तम सिन्धु | 19 June 2020 | www.internationalbiodiversityday.org/





ਬਾਇਓਡਾਇਵਰਸਿਟੀ ਡੇ ਤੇ ਆਨਲਾਈਨ ਪ੍ਰਤੀਯੋਗਤਾਵਾਂ ਦਾ ਕੀਤਾ ਆਯੋਜਨ

ਜਲੰਧਰ • ਹਰਪ੍ਰੀਤ ਸਿੰਘ ਲੋਹਿਲਾ
 ਹੋਸ਼ ਰਾਜ ਮਹਿਲਾ ਮਹਾਵਿਦਿਆਲਾ ਦੀ ਡੀਡੀ ਪੰਤ ਬੈਨੇਕੀਕਲ ਸੋਸਾਇਟੀ ਨੇ ਬਾਇਓਡਾਇਵਰਸਿਟੀ ਡੇ ਤੇ ਆਨਲਾਈਨ ਪ੍ਰਤੀਯੋਗਤਾਵਾਂ ਦਾ ਆਯੋਜਨ ਕੀਤਾ। ਪੰਜਾਬ ਬਾਇਓਡਾਇਵਰਸਿਟੀ ਬੋਰਡ ਦੇ ਸਹਿਯੋਗ ਨਾਲ ਕਰਵਾਈਆਂ ਗਈਆਂ ਇਨ੍ਹਾਂ ਪ੍ਰਤੀਯੋਗਤਾਵਾਂ ਵਿੱਚ ਲਗਭਗ 100 ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਹਿੱਸਾ ਲਿਆ। ਇਸ ਮੌਕੇ ਤੇ ਆਨਲਾਈਨ ਮੀਟਿੰਗ ਦੇ ਮਾਧਿਅਮ ਨਾਲ ਬੋਲਦਿਆਂ ਪ੍ਰਿੰਸੀਪਲ ਪ੍ਰੋ. ਡਾ. (ਸ਼੍ਰੀਮਤੀ) ਅਜੇ ਸਰੀਨ ਨੇ ਪੀਜੀ ਵਿਭਾਗ ਬਾਟਨੀ ਦੇ ਇਸ ਯਰਨ ਦੀ ਸ਼ਲਾਘਾ ਕੀਤੀ ਅਤੇ ਕਿਹਾ ਕਿ ਸਾਨੂੰ ਹਮੇਸ਼ਾ ਜਰੂਰਤਮੈਂਦਾ ਦੀ ਸਹਾਇਤਾ ਕਰਨੀ ਚਾਹੀਦੀ ਹੈ। ਵਿਭਾਗ ਮੁਖੀ ਡਾ. ਅੰਜਨਾ ਭਾਟੀਆ ਨੇ ਪ੍ਰਿੰਸੀਪਲ ਮੈਂਬਰ ਅਤੇ ਆਪਣੇ ਫੈਕਲਟੀ ਮੈਂਬਰਾਂ ਦਾ ਧੰਨਵਾਦ ਕੀਤਾ। ਪ੍ਰਤੀਯੋਗਤਾਵਾਂ ਵਿੱਚ ਜੈਜ਼ ਦੀ ਭੂਮਿਕਾ

ਡਾ. ਸ਼ਵੇਤਾ, ਡਾ. ਨੀਤਿਕਾ, ਗਮਨਦੀਪ ਕੌਰ, ਹਰਪ੍ਰੀਤ ਕੌਰ ਅਤੇ ਡਾ. ਸੁਚੀ ਨੇ ਨਿਭਾਈ। ਸਪੀਚ ਪ੍ਰਤੀਯੋਗਤਾ ਦਾ ਵਿਸ਼ਾ ਸੇਵ ਬਾਇਓਡਾਇਵਰਸਿਟੀ ਸੀ ਜਿਸ ਵਿੱਚ ਕੌਮਲ ਸ਼ਰਮਾ ਫਸਟ, ਰੋਹਿਨੀ ਸੈਕੰਡ ਅਤੇ ਅਦਿਤੀ ਸ਼ਰਮਾ ਥਰਡ ਰਹੀ। ਸਾਂਤਵਨਾ ਇਨਾਮ ਪੂਰਨਿਮਾ ਸਹਿਗਲ ਨੇ ਜਿੱਤਿਆ। ਡਿਜ਼ਿਟਲ ਪੋਸਟਰ ਮੈਕਿੰਗ ਪ੍ਰਤੀਯੋਗਤਾ ਵਿੱਚ ਸੀਨੀਅਰ ਵਰਗ ਵਿੱਚ ਹਰਲੀਨ ਕੌਰ ਫਸਟ, ਵਿਸ਼ਾਲਦੀਪ ਕੌਰ ਸੈਕੰਡ ਅਤੇ ਅਨੁਰਾਧਾ ਥਰਡ ਰਹੀ। ਪਲਾਟ ਸਨੋਪ ਪ੍ਰਤੀਯੋਗਤਾ ਵਿੱਚ ਸੀਨੀਅਰ ਵਰਗ ਵਿੱਚ ਰਾਨਿਆ ਫਸਟ, ਗਮਨਦੀਪ ਕੌਰ ਸੈਕੰਡ, ਮਮਤਾ ਤੇ ਕਾਜਲ ਥਰਡ ਰਹੀ। ਜੂਨੀਅਰ ਵਰਗ ਵਿੱਚ ਕੌਮਲ ਸ਼ਰਮਾ ਤੇ ਨਵਦੀਪ ਫਸਟ, ਸ਼ਾਨੂ ਸੈਕੰਡ ਤੇ ਦੀਕਸ਼ਾ ਥਰਡ ਰਹੀ। ਕਾਜਲ ਤੇ ਕੰਚਨ ਨੇ ਸਾਂਤਵਨਾ ਇਨਾਮ ਜਿੱਤਿਆ। ਪ੍ਰਿੰਸੀਪਲ ਪ੍ਰੋ. ਡਾ. ਅਜੇ ਸਰੀਨ ਨੇ ਵਿਜੇਤਾਵਾਂ ਨੂੰ ਵਧਾਈ ਦਿੱਤੀ।

ਸੇਵ ਬਾਯੋਡਾਯਵਰਸਿਟੀ ਪਰ ਕੋਮਲ ਕੀ ਸਬਸੇ ਬਢਿਯਾ ਸਪੀਚ

ਜਗਦ ਨ੍ਰੂਜ ਏਕੈਸੀ

ਜਲੰਧਰ। ਹੰਸਰਾਜ ਮਹਿਲਾ ਮਹਾਵਿਦਿਆਲਾ ਦੀ ਗੈਲਰੀ ਪੇਂਟ ਗੈਲਰੀ ਵਿੱਚ ਬਾਇਓਡਾਇਵਰਸਿਟੀ ਡੇ ਪਰ ਓਨਲਾਈਨ ਪ੍ਰਤੀਯੋਗਤਾਵਾਂ ਦਾ ਆਯੋਜਨ ਕੀਤਾ। ਇਸਦੇ ਤਹਿਤ ਪਲਾਟ ਸਨੋਪ, ਡਿਜ਼ਿਟਲ ਪੋਸਟਰ ਮੈਕਿੰਗ ਤਥਾ ਸਥੀਚ ਪ੍ਰਤੀਯੋਗਤਾਵਾਂ ਕਰਵਾਏ ਗਏ। ਇਸਦੇ ਤਹਿਤ 100 ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਭਾਗ ਲਿਆ। ਓਨਲਾਈਨ ਮੀਟਿੰਗ ਦੇ ਮਾਧਿਅਮ ਤੇ ਅੱਗੇ ਸਰੀਨ ਨੇ ਕਿਹਾ ਕਿ ਹਮੇਂ ਕੋਵਿਡ-19 ਦੇ ਇਸ ਮੁਹਿੰਕਲ ਟੌਰ ਮੇਂ ਕਰਕਾਰਕਮੇਂਟੀ ਕੀ ਸਫ਼ਰ ਕਰਨੀ ਚਾਹੀਏ। ਸਥੀਚ ਕਾ ਵਿਭਾਗ 'ਸੇਵ ਬਾਯੋਡਾਯਵਰਸਿਟੀ' ਯਾ, ਜਿਸਦੇ ਯੋਜਨਾ ਸ਼ਰਮ ਨੇ ਪ੍ਰਥਮ, ਰੋਹਿਨੀ ਨੇ ਦੂਜਾ ਤਥਾ ਅਦਿਤੀ ਸ਼ਰਮ ਨੇ ਤੀਜਾ ਪੁਰਸਕਾਰ ਪਾਏ

ਕਿਯਾ। ਯੋਜਨਾ ਪੁਰਸਕਾਰ ਪੁੰਗਿਸਾ ਸ਼ਲਾਘ ਕੀ ਦਿਯਾ ਗਯਾ। ਡਿਜ਼ਿਟਲ ਪੋਸਟਰ ਮੈਕਿੰਗ ਮੇਂ ਸੰਨਿਥਰ ਕਰੀ ਮੇਂ ਹਰਲੀਨ ਕੌਰ ਨੇ ਪ੍ਰਥਮ, ਵਿਸ਼ਾਲਦੀਪ ਕੌਰ ਨੇ ਦੂਜਾ ਤਥਾ ਅਨੁਰਾਧਾ ਨੇ ਤੀਜਾ ਸਥਾਨ ਪਾਯਾ ਕਿਯਾ। ਜੂਨਿਥਰ ਕਰੀ ਮੇਂ ਸੰਨਿਥਰ ਕੌਰ ਨੇ ਪ੍ਰਥਮ, ਸਮਨਦੀਪ ਕੌਰ ਨੇ ਦੂਜਾ ਤਥਾ ਸੁਚੀ ਨੇ ਤੀਜਾ ਸਥਾਨ ਪਾਯਾ ਕਿਯਾ। ਪਲਾਟ ਸਨੋਪ ਪ੍ਰਤੀਯੋਗਤਾ ਮੇਂ ਸੰਨਿਥਰ ਕਰੀ ਮੇਂ ਕਾਜਲ ਨੇ ਪ੍ਰਥਮ, ਗਮਨਦੀਪ ਕੌਰ ਨੇ ਦੂਜੀਯ ਤਥਾ ਮਮਤਾ ਕਾ ਕਾਜਲ ਨੇ ਤੀਜਾ ਸਥਾਨ ਪਾਯਾ ਕਿਯਾ। ਸਥੀਚ ਪੁਰਸਕਾਰ ਅਨੁਰਾਧਾ ਨੇ ਤੀਜਾ। ਜੂਨਿਥਰ ਕਰੀ ਮੇਂ ਕੌਮਲ ਸ਼ਰਮਾ ਨੇ ਪ੍ਰਥਮ, ਸ਼ਾਨੂ ਸ਼ਰਮ ਨੇ ਦੂਜਾ ਤਥਾ ਦੀਕਸ਼ਾ ਨੇ ਤੀਜਾ ਸਥਾਨ ਪਾਯਾ ਕਿਯਾ। ਕਾਜਲ ਕਾ ਕਾਜਨ ਨੇ ਸੰਨਿਥਰ ਪੁਰਸਕਾਰ ਕੀਤਾ।

ਏਫਏਮਵੀ ਕਾਲੇਜਿਏਟ ਸੀ.ਸੇ. ਸਕੂਲ ਨੇ ਮਨਾਯਾ ਇੰਟਰਨੇਸ਼ਨਲ ਬਾਯੋਡਾਯਵਰਸਿਟੀ-ਡੇ

ਜਲੰਧਰ/ਸੀਰਮ ਖੇਬ : ਏਫਏਮਵੀ ਕਾਲੇਜਿਏਟ ਸੀਨਿਥਰ ਸੇਕੇਂਡਰੀ ਸਕੂਲ ਡਾ. ਇੰਟਰਨੇਸ਼ਨਲ ਕਾਯੋਡਾਯਵਰਸਿਟੀ ਡੇ ਪ੍ਰਾਚਾਰਥੀ ਪ੍ਰੋ. ਡੀ. ਅਜਯ ਸਰੀਨ ਕੀ ਅਧਯਕਸ਼ਾ ਮੇਂ ਮਨਾਯਾ ਗਯਾ। ਇਸ ਅਕਸਰ ਪਰ ਓਨਲਾਈਨ ਪ੍ਰਤੀਯੋਗਤਾ ਕਰਵਾਏ ਗਏ, ਜਿਸਦੇ ਮਾਧਯਮ ਸੇ ਚਯਾਯੋ ਕੀ ਯਥ ਕਰਾਯਾ ਗਯਾ ਕਿ ਪ੍ਰਕ੍ਰਿਤਿ ਕ ਸਨੁਥ ਮੇਂ ਕਾਮੀ ਨ ਸਥਾਥ ਹੀਨੇ ਚਲਾ ਸੰਕਥ ਹੈ। ਚਯਾਯੋ ਨੇ ਪ੍ਰਤੀਯੋਗਿਤਾ ਕੇ ਟੋ ਵਿਭਿਜ ਕਾਥੋ ਮੇਂ ਖਾਯ ਲਿਯਾ, ਜਿਸਮੇਂ ਏਕ ਫੋਟੋਗ੍ਰਾਫੀ ਪ੍ਰਤੀਯੋਗਿਤਾ ਥੀ ਤਥਾ ਦੂਜੀ ਕਥਿਤਾ ਲੋਯਨ ਪ੍ਰਤੀਯੋਗਿਤਾ ਸ਼ਾਮਿਲ ਥੀ। ਲਯਾਖਯ 45 ਚਯਾਯੋ ਨੇ ਫੋਟੋਗ੍ਰਾਫੀ ਤਥਾ 22 ਚਯਾਯੋ ਨੇ ਕਥਿਤਾ ਲੋਯਨ ਪ੍ਰਤੀਯੋਗਿਤਾ ਮੇਂ ਖਾਯ ਲਿਯਾ। ਕਾਯੋ-ਕਰਸ ਪ੍ਰਤੀਯੋਗਿਤਾ ਮੇਂ ਲੀਸ਼ਾ ਜੂਨੇਯ ਕੀ ਪ੍ਰਥਮ ਪੁਰਸਕਾਰ, ਗੁਰਲੀਨ ਕੌਰ ਕੀ ਦੂਜੀਯ ਤਥਾ ਇਸ ਖਾਯਿਯ ਕੀ ਤੁਰੀਯ ਪੁਰਸਕਾਰ ਪ੍ਰਦਾਨ ਕੀਯਾ ਗਯਾ। ਫੋਟੋਗ੍ਰਾਫੀ ਪ੍ਰਤੀਯੋਗਿਤਾ ਮੇਂ ਵਿਖਦੀਯ ਕੌਰ ਕੀ ਪ੍ਰਥਮ, ਵਿਖੁਠਿ ਕੀ ਦੂਜੀਯ ਤਥਾ ਸ਼ਾਨੂ ਸੇਕਕ ਕੀ ਤੁਰੀਯ ਪੁਰਸਕਾਰ ਪ੍ਰਦਾਨ ਕੀਯਾ ਗਯਾ। ਪ੍ਰਾਚਾਰਥੀ ਪ੍ਰੋ. ਡੀ. ਅਜਯ ਸਰੀਨ ਨੇ ਵਿਯੋਗਤਾਵਾਂ ਕੀ ਕਯਾਏ ਟੀ ਐਰ ਕਹਾ ਕਿ ਸਨੁਥ ਕਿਨਾ ਸੇਥੇ ਸਮਝੇ ਕਾਮ ਕਰਨਾ ਚਾ ਯਥ ਹੈ ਕਿਸਸੇ ਹਮਾਰੀ ਪ੍ਰਕ੍ਰਿਤਿਕ ਸਾਧਥ ਕੀ ਸੁਕਸ਼ਮ ਹੀ ਰਹਾ ਹੈ।

ਉਤਮ ਹਿੰਦੂ, Fri, 22 May 2020, epaper.uttamhindu.com/c/52148





ਪੰਜਾਬ ਜੈਵ ਵਿਭਿੰਨਤਾ ਬੋਰਡ

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