

Interim Report

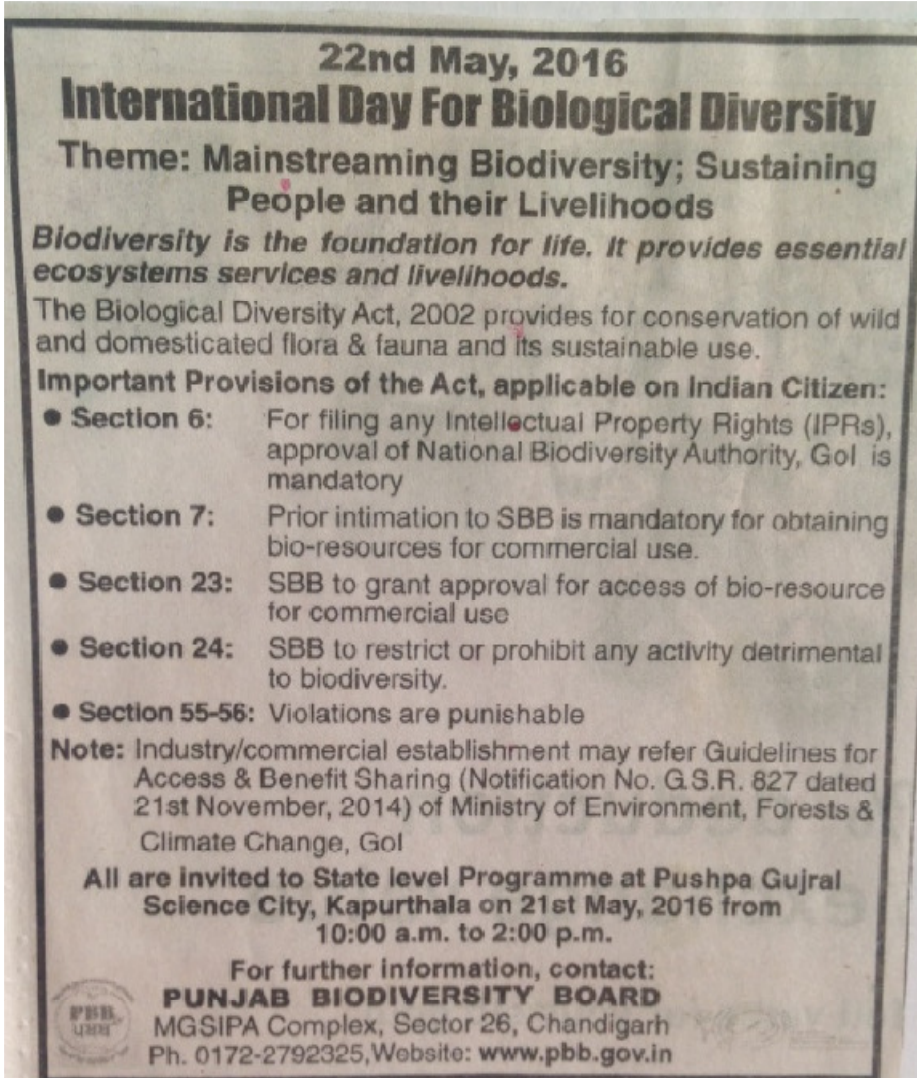
Celebration of International Day for Biological Diversity, 2016 in Punjab

Punjab Biodiversity Board is celebrating the International Day for Biological Diversity (22nd May, 2016) by undertaking various activities in the state throughout the week 21st to 30th May, 2016 all across the state in collaboration with District Administrations, PGSC Biodiversity Management Committees, Universities, Pro-active NGOs, etc. The IBD celebrations are being carried out with financial support of National Biodiversity Authority, Govt. of India.

The following activities were carried out:

➤ **Publication of Advertisement:**

An advertisement for celebration of International Biodiversity Day, 2016 was published in leading English & Punjabi Newspapers for raising awareness among masses to conserve biodiversity & bio-resources and celebrate the day in a befitting manner.



22nd May, 2016
International Day For Biological Diversity
Theme: Mainstreaming Biodiversity; Sustaining People and their Livelihoods

Biodiversity is the foundation for life. It provides essential ecosystems services and livelihoods.

The Biological Diversity Act, 2002 provides for conservation of wild and domesticated flora & fauna and its sustainable use.

Important Provisions of the Act, applicable on Indian Citizen:

- **Section 6:** For filing any Intellectual Property Rights (IPRs), approval of National Biodiversity Authority, Govt. is mandatory
- **Section 7:** Prior intimation to SBB is mandatory for obtaining bio-resources for commercial use.
- **Section 23:** SBB to grant approval for access of bio-resource for commercial use
- **Section 24:** SBB to restrict or prohibit any activity detrimental to biodiversity.
- **Section 55-56:** Violations are punishable

Note: Industry/commercial establishment may refer Guidelines for Access & Benefit Sharing (Notification No. G.S.R. 827 dated 21st November, 2014) of Ministry of Environment, Forests & Climate Change, Govt.

All are invited to State level Programme at Pushpa Gujral Science City, Kapurthala on 21st May, 2016 from 10:00 a.m. to 2:00 p.m.

For further information, contact:
PUNJAB BIODIVERSITY BOARD
MGSIPA Complex, Sector 26, Chandigarh
Ph. 0172-2792325, Website: www.pbb.gov.in

➤ **State Level Programme:**

A State level programme was organized by Punjab Biodiversity Board to mark the IBD, 2016 in collaboration with Pushpa Gujral Science City (PGSC), Kapurthala on 21st May, 2016 at PGSC, Kapurthala. Members of District, Block & village level Biodiversity Management Committees from Districts Bathinda, Faridkot, Hoshiarpur, Pathankot, Amritsar & Kapurthala were mobilized to participate in the event. More than 50 members of district/block/village level BMCs and representatives of Govt. Line Departments besides 300 students & teachers participated in the event.

On the occasion, expert talk on “Fish & Bird Diversity of Punjab” was delivered by Dr. Onkar, Associate Professor, Punjabi University, Patiala. Other lectures on the importance of the biodiversity conservation, Access and benefit sharing mechanism and Biological Diversity Act were also organized. Special interactive session was also organized for BMC members for sharing their experiences with regard to important provisions of ABS guidelines. Participants were apprised about the various efforts being undertaken by PBB in the direction of conservation of biodiversity of the State. BMC members were motivated to maintain the records of bio-resources and regulate the access/collection of bio-resources & associated traditional knowledge for commercial utilization. The Guidelines issued by Govt. of India on Access & Benefit Sharing for ensuring equitable sharing of benefits arising out of commercial utilization of bio-resources and associated traditional Knowledge were also discussed in detail with the BMC members.

Representatives of District/Block/Village level BMC members shared their experiences during the interactive session. Special film shows at the ‘Climate Change Theatre’ and documentary on biodiversity were also screened during the event. Play and painting competitions were also organized for school students to celebrate the day in a befitting manner. The participants also visited the various scientific galleries of Pushpa Gujral Science City and planted native trees in the premises of Science City. An interactive exhibition was also put up to create mass awareness.

Publication of Special Issue of Monthly Magazine (in Punjabi)

Punjab Biodiversity Board in collaboration with Punjab State Council for Science & Technology published 2200 copies of PSCST’s monthly science Magazine ‘Nirantar Soach’ (in punjabi) on the theme of “Biodiversity” to commemorate International Day for Biological Diversity, 2016. The magazine has been distributed to various Schools, organizations, institutes etc. for purpose of spreading message of biodiversity conservation in masses.

ਅੰਤਰਰਾਸ਼ਟਰੀ
ਜੈਵ-ਵਿਭਿੰਨਤਾ
ਦਿਵਸ
22 ਮਈ

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ਮੁੱਲ - 15 ਰੁਪਏ
ਸਮਾਨਤਾ - 150 ਰੁਪਏ

ਪੰਜਾਬ ਜੈਵ-ਵਿਭਿੰਨਤਾ ਬੋਰਡ
ਸੰਖੇਪ ਜਾਣਕਾਰੀ

ਨਿਰੰਤਰ ਸੋਚ

ਵਿਗਿਆਨਕ ਸੋਚ ਦੀ ਮਾਸਿਕ ਪੱਤ੍ਰਿਕਾ

(ਮਈ 2016)

ਮੰਤਾਵੀ ਵਿਗਸਤੀ ਸਥਲ
ਕਾਯਾ ਕਲਪ ਰੁੱਖ
ਪਿੰਡ ਚੋਲਟੀ, ਬਲਾਕ ਖੋਜਾ, ਜ਼ਿਲ੍ਹਾ ਫਤਿਹਗੜ੍ਹ ਸਾਹਿਬ

ਜੈਵ-ਵਿਭਿੰਨਤਾ ਵਿਸ਼ੇਸ਼ ਅੰਕ
ਵਿੱਤੀ ਸਹਾਇਤਾ ਅਤੇ ਸਹਿਯੋਗ:
ਪੰਜਾਬ ਜੈਵ-ਵਿਭਿੰਨਤਾ ਬੋਰਡ

ਦੇਖੋ ਜਾਣਕਾਰੀ ਲਈ ਸੰਪਰਕ ਕਰੋ :

ਪੰਜਾਬ ਜੈਵ-ਵਿਭਿੰਨਤਾ ਬੋਰਡ

O/o ਪੰਜਾਬ ਰਾਜ ਵਿਗਿਆਨ ਅਤੇ ਤਕਨਾਲੋਜੀ ਪ੍ਰੀਸਦ
ਐਮ.ਜੀ.ਐਸ.ਆਈ.ਪੀ.ਏ. ਕੰਪਲੈਕਸ, ਸੈਕਟਰ 26, ਚੰਡੀਗੜ੍ਹ
ਫੋਨ : 0172-2792325, 2793300, ਫੈਕਸ : 0172-2793143
ਵੈਬਸਾਇਟ www.pbb.gov.in

➤ Other Programmes organized in the State

Other twenty three (23) programmes were conducted throughout the State in collaboration with Academic Institutions (Universities, Colleges and Schools), Non Governmental Organizations and Village BMCs. The target participants were Officers of District/Block level relevant Govt. Departments, Teachers, Students and General Public. The details are as under:

- Academic Institutions:**

Name of the Institutions	Date	Place	Events organized	Participants
Punjab Agricultural University (PAU) NSS Unit	21.05.2016 & 22.05.2016	Ludhiana	Student Competitions: Poster making, Essay writing and Expert lectures	460
DAV College Amritsar	21.05.2016	Amritsar	Expert lectures & Painting Competition	65
Chitkara College of Education for Women	23.05.2016 & 24.05.2016	Patiala Fatehgarh Sahib	Expert lectures and Field Visit to Kaya Kalp Variksh (a potential BHS)	150

NSS Unit, Govt. Sen. Sec. School	21.05.2016	Sangrur	Awareness rally & Expert talks for local Community	100-150
Govt. Primary School, Machaki Mal Singh	23.05.2016	Faridkot	Competitions: Traditional recipes & Drawing and Photo exhibition	300

• **Programmes with NGOs**

Swami Vivekanand Medical Mission, Amritsar	21.05.2016	Taran-Taran	Speech, Debate & painting competition, exhibition & expert lecture	300
Natural Biodiversity Group, Panjab University	22.05.2016 23.05.2016 24.05.2016	Chandigarh	Exhibition, nature walk, expert talk, Cycle rally	250
Sant Longowal Social Welfare Society	21.05.2016	Sangrur	Awareness rally, distribution of resource material, waterpots, woden nests, etc.	100-150
ARPAN, Society for Advancement of Rural People and Natural Resources	22.05.2016	Roopnagar	Expert lecture, poster & speech competition and field visit	200
Social Action for Women Empowerment & Rural Advancement (SAWERA),	24.05.2016	Amritsar	Expert lecture & student debate & quiz competition	120
Lok Kalyan Samiti	25.05.2016	Amritsar	Expert lecture	200

The schedule of other programmes to be held in next week in various parts of the State in collaboration with Academic institutes & NGOs for celebration of IBD, 2016 is as under:

Name of the Institutions	Date	Place
Central University, Bathinda	30.05.2016	Bathinda
Khalsa College Patiala	30.05.2016	Patiala
Universal college, Lalru, Mohali	26.05.2016	Mohali
Institute of Ecology & Environment, Pathankot	28.05.2016	Pathankot
Abhilasha Foundation, Bathinda	28.05.2016	Bathinda
Kheti Virasat Mission	28.05.2016	Roopnagar
Govt. Primary School, Machaki Mal Singh	28.05.2016 & 29.05.2016	Faridkot

Few Glimpses of celebrations of IBD, 2016



IBD celebrations at Pushpa Gujral Science City, Kapurthala



IBD celebrations at District Tarn Taran



IBD celebrations at DAV College, Amritsar



IBD celebration at District Roopnagar





IBD celebrations at District Sangrur



Exploration camp at District Patiala

Exploration camp at District Ludhiana



IBD celebrations at Panjab University, Chandigarh

WINNERS OF SIT AND DRAW COMPETITIONS



WINNERS OF LEAF ZOO MAKING



**INTERNATIONAL BIODIVERSITY DAY
2016**

**GOVT. PRIMARY SCHOOL,
MACHAKI MAL SINGH (FARIDKOT)**

IBD celebrations at District Faridkot



IBD celebrations at District Patiala

Press Coverage

Painting, play competitions mark International Biodiversity Day

TRIBUNE NEWS SERVICE

JALANDHAR, MAY 21

An International Biodiversity Day was organised at Pashu Gajral Science City here today. Dr Onkar Singh, Zoologist from Punjab University, Patiala, said, "We are losing almost 50 species per day all over the globe due to various activities like forest fire, deforestation, all types of pollution, loss of habitat, scarcity of food, poaching, loss of reproductive efficacy due to rise of temperature, loss of reproductive efficacy due to infestation of pollutants in the ovaries of the organisms, etc. With the loss of one species, 20 more species are affected with that because they are dependent on that species."

Further, he said rapidly rising greenhouse gas concentrations are driving

earth ecosystems toward conditions not seen for millions of years, with an associated risk of fundamental and irreversible ecological transformation. "Changes in biological functions caused by anthropogenic climate change go far beyond death, extinctions and habitat loss. The reproductive system of some organisms is temperature dependent, in some reptiles Y-chromosome which is liable to produce males is absent and their sex is entirely temperature dependent. Where there is a more temperature than all males are produced and then temperature is low all females are produced, he said.

Speaking on this occasion, Dr. Rajesh Grover, Director, Science City, said that biodiversity is fundamental to the existence of life on earth and the



Students take part in a painting competition held as part of biodiversity day celebrations at Science City in Kapurthala on Saturday. (Tribune Photo)

importance of it cannot be underestimated. Referring to recent Forest fires in the hills of Uttarakhand which has caused significant loss and damage to valuable natural resources, Dr

Grover said, "The major reason of these forest fires is attributed to the loss of biodiversity in the region and dominance of chir pine which now covered a significant forest area

(about 16 per cent) in the state encroaching mixed species area every year due to its hardy nature. The chir pine itself is highly resistant to fire due to

dry needles are highly inflammable."

He further added that in recent years, mass migration of villagers from the state has also checked the local utilization of the needles, leaving more fuel for forest fires. The regular burning of forests has wiped out communities of insects, birds, amphibians and reptiles, besides, of course, most mammals. He further added that due to the damage that has been caused, and the value that biodiversity has to humans, adoption of various security and conservation measures on this earth to curb the menace of global warming is essential.

Painting and science-play competition were also organised on this occasion for the students. More than 300 students from all over Punjab participated in these competitions.

International Bio-Diversity Day celebrated at Science City

HT Correspondent

Kapurthala

The Science City organised painting and science play competitions in collaboration with the Punjab Biodiversity Board, Chandigarh, to celebrate the International Biodiversity Day here on Saturday. A seminar was also held in which experts expressed views about the loss of species of animals. They said, "We are losing almost 50 species of insects, birds, amphibians, and reptiles per day all over the globe due to rise in temperature, loss of reproductive efficacy due to deforestation, pollution, loss of habitat, scarcity of food, poaching, loss of reproductive efficacy due to rise in temperature, loss of reproductive efficacy due to infestation of pollutants in ovaries of organisms, etc."

that rapidly rising greenhouse gas concentrations are driving earth ecosystems toward conditions not seen for millions of years, with an associated risk of fundamental and irreversible ecological transformation. He said that changes in biological functions caused by anthropogenic climate change go far beyond death, extinctions, and habitat loss.

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Rajesh Grover, Director, Science City, said that the regular burning of forests has wiped out communities of

insects, birds, amphibians, and reptiles, besides, of course, most mammals.

Meanwhile, painting and science play competitions were also organised on the occasion for the students. More than 300 students from all over Punjab participated in these competitions.

In the painting competition, Pooja Gupta from Mandi Hardiganj Girl High School, Kapurthala, received first prize, second prize was bagged by Karan of Government Senior Secondary School, Wadala Kaia, Kapurthala, and Neha from Premjot Public School, Kapurthala, stood third.

In the science play Mandi Hardiganj Girl High School, Kapurthala, clinched the first prize, DAV Model High School, Kapurthala, got the second prize and Premjot Public School, Kapurthala, got third prize.

एसजीएडी स्कूल में जैविक विभिन्नता दिवस मन



भास्कर न्यूज़ा तानवान

स्वामी विक्रमचंद मेडिकल मिशन ने श्री गुरु अर्जुन देव खालसा स्कूल में इंटरनैशनल जैविक विभिन्नता दिवस आयोजन किया। जिसमें एफएटी सेंटर सीएच के मेडिकल अफसर

डा. अमरवीर सिंह, जीएनडीयू से प्रो. अदरूपल विज और डा. राजविर कोर विशेष तौर पर पहुंचे। जिसमें बच्चों को जैविक विभिन्नता को बचा कर रखने पर विस्तार महिष्ठ जानकारी दी। साथ ही पेड़-पौधों के लाभ व



में बताया। इस मौके स्टूडेंट के भाषण प्रतियोगिता भी कराई गई। इसमें बच्चों ने बहूचक्र कर हिस्सा लिया। प्रिमियल गुरुविंद कोर रेशावा ने मुख्य मेहमानों का विशेष तौर पर सम्मान किया। जिसके उपरान्त स्कूल परिसर में पौधे भी लगाए गए।

इस अवसर पर प्रोजेक्ट राजन चावला, प्रोजेक्ट दिल्या कलियावा, रजि कुलविंद मिह, दर्लज कुलदीप कोर आदि विशेष उपस्थित थे। कार्यक्रम में बड़ी शिस्त से भाग लिया।

DAILY POST DAILY Chandigarh



International Biodiversity Day celebrated at PU

CHANDIGARH: Biodiversity is lifeline of our mother earth. Many anthropogenic activities have put many species of biodiversity in danger. Gladly there are some people who care for the Nature. Natural Biodiversity, a group working for the cause of betterment of environment and preservation of biodiversity, collaborated with Punjab University (PU), Punjab Biodiversity Board, Horticulture Development Association, and Khett Virat Mission. Sponsored by 'National Biodiversity Authority, Government of India' to celebrate the International Biodiversity Day on May 22.

International Biodiversity Day celebrated at PU

The group celebrated the day by organising number of events including nature cum photo walk, cycle rally, and exhibition. The events were organised in Punjab University where the IITM 'C' of the University wide heardly appreciated the efforts of the group and asked them to stay motivated. He was pleased with the fact that such events help institute fulfilling their corporate social responsibility. While briefing the media, members of Natural Biodiversity Group Dr Arun Bansal and Dr Amramp Mavi expressed that the participants have come from all strata of life such as students, teachers, software professionals, doctors, and retired etc to celebrate the event together. Navet Singh emphasised need of attention of local authorities of every institution towards biodiversity. Jeetu Jaskanwar Singh was motivational figure behind the conceptual photography and fis photo of a mokey sitting near the Police Head Quarter left an impression on every heart. AP

CONNECT chdka@punjabindia.com

डी.ए.वी. कॉलेज में जैव विविधता दिवस मनाया



प्रतियोगिता में शामिल छात्रों द्वारा बनाए जा रहे पोस्टर को देखते हुए प्रतियोगिता का राजेश कुमार।

डीएवी कॉलेज में जैव विविधता दिवस मनाया



अमृतसर। डीएवी कॉलेज के साइंस विभागों एवं पंजाब बायोडायवर्सिटी बोर्ड की ओर से अंतरराष्ट्रीय जैव विविधता दिवस मनाया गया। स्टूडेंट्स के लिए पोस्टर मॉनिंग कॉम्पिटिशन का आयोजन किया गया। जिसमें अमृतसर जिले के विभिन्न स्कूलों से आये लगभग 60 स्टूडेंट्स ने भाग लिया।

डीएवी में जैव विविधता दिवस मनाया



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श्रुति खन्ना पोस्टर मीटिंग प्रतियोगिता में प्रथम



अमृतसर, 21 मई (अनुराग): भारत सरकार के ईशानन बायोडायवर्सिटी अधिनियम के अन्तर्गत प्रथम बार डी.ए.वी. कॉलेज के साइंस विभागों एवं पंजाब बायोडायवर्सिटी बोर्ड की ओर से अंतरराष्ट्रीय जैव विविधता दिवस मनाया गया। स्टूडेंट्स के लिए पोस्टर मॉनिंग कॉम्पिटिशन का आयोजन किया गया। जिसमें अमृतसर जिले के विभिन्न स्कूलों से आये लगभग 60 छात्रों ने भाग लिया। इसमें श्रुति खन्ना को प्रथम स्थान प्राप्त हुआ।

बायो डायवर्सिटी डे पंजाब यूनिवर्सिटी में एग्जिबिशन



अमृतसर, 21 मई (अनुराग): बायोडायवर्सिटी डे के मौके पर पंजाब यूनिवर्सिटी में रविवार को एग्जिबिशन का आयोजन किया गया। जमीन का 'जाने जाने वाली बायो डायवर्सिटी के मूलमंत्र के थीम पर एग्जिबिशन लगाई गई। पीयू के वीसी प्रो. अरुण गोवर ने इसका प्रसंगे पहले रविवार सुबह नेचर कम फोटो वॉक, साइकिल रैली का आयोजन किया गया।