

ਡਾਇਰੈਕਟਰ ਜਨਰਲ ਸਕੂਲ ਐਜੂਕੇਸ਼ਨ-ਕਮ-ਸਟੇਟ ਪ੍ਰੋਜੈਕਟ ਡਾਇਰੈਕਟਰ  
ਸਰਵ ਸਿੱਖਿਆ ਅਭਿਆਨ ਅਥਾਰਟੀ, ਪੰਜਾਬ,  
ਪੰਜਵੀ ਮੰਜਿਲ, ਈ ਬਲਾਕ, ਸਿੱਖਿਆ ਭਵਨ, ਪੀ.ਐਸ.ਈ.ਬੀ. ਕੰਪਲੈਕਸ, ਫੇਜ਼-8, ਐਸ.ਏ.ਐਸ ਨਗਰ  
ਫੋਨ ਨੰ:0172-5212364 Website: [www.ssapunjab.org](http://www.ssapunjab.org)

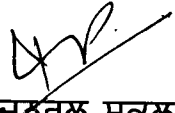
ਵੱਲ,

- 1) ਸਮੂਹ ਜ਼ਿਲ੍ਹਾ ਸਿੱਖਿਆ ਅਫ਼ਸਰ (ਸੈ.ਸਿ.),
- 2) ਸਮੂਹ ਜ਼ਿਲ੍ਹਾ ਸਿੱਖਿਆ ਅਫ਼ਸਰ (ਐ.ਸਿ.),
- 3) ਸਮੂਹ ਜ਼ਿਲ੍ਹਾ ਸਾਇੰਸ ਸੁਪਰਵਾਈਜ਼ਰ,
- 4) ਸਮੂਹ ਸਕੂਲ ਮੁਖੀ,  
ਪੰਜਾਬ।

ਮੀਮੋ ਨੰ : ਸਸਅ/ਐਮਸੀ/2016/11590  
ਮਿਤੀ : 8-8-2016

ਵਿਸ਼ਾ :- **Biodiversity Conservation and Sustainable Utilization ਸਬੰਧੀ।**

- 1.0 ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਸਬੰਧੀ ਧਿਆਨ ਦੇਣ ਦੀ ਖੇਚਲ ਕੀਤੀ ਜਾਵੇ।
- 2.0 ਰਾਸ਼ਟਰੀ ਨੈਵਿਕ ਵਿਭਿੰਨਤਾ ਅਥਾਰਟੀ ਵੱਲੋਂ ਸਕੂਲਾਂ ਵਿੱਚ Biodiversity Conservation and Sustainable Utilization ਦੀ ਗਤੀਵਿਧੀਆਂ ਕਰਵਾਉਣ ਲਈ ਗਾਈਡਲਾਈਨਜ਼ ਆਪ ਜੀ ਨੂੰ ਅਗਲੇਰੀ ਕਾਰਵਾਈ ਹਿੱਤ ਭੇਜੀਆਂ ਜਾਂਦੀਆਂ ਹਨ।

  
ਡਾਇਰੈਕਟਰ ਜਨਰਲ ਸਕੂਲ ਸਿੱਖਿਆ  
ਪੰਜਾਬ



सत्यमेव जयते



डा. बि. मीनाकुमारी  
अध्यक्ष

Dr. B. Meenakumari  
Chairperson

राष्ट्रीय जैव विविधता प्राधिकरण  
NATIONAL BIODIVERSITY AUTHORITY  
भारत सरकार  
Govt. of India

Greetings from the National Biodiversity Authority (NBA).

Biological diversity (biodiversity) represents the variety of life on earth, which include species diversity (the numbers and kinds of living organisms), genetic diversity (genetic variations within species) and ecosystem diversity (the variety of habitats, biological communities and ecological processes). Biodiversity is extended in different ecosystems such as forest, agriculture, marine, wetlands, urban and rural ecosystems. Bio-diverse ecosystems provide vital services such as; the regulation of water flows and levels, protection against extreme weather conditions, the purification of air and water, the prevention of soil erosion, and opportunities for recreation and spiritual reflection. Besides, biodiversity offers essential resources and goods, such as food, fibre, and medicines. The annual contribution of biodiversity to the world is estimated as USD 33 trillion per year. However, this natural asset is fast diminishing / deteriorating and is being plundered ruthlessly for human greed. Species once lost is a loss for ever!

Recognizing the need to protect such diversity and ensure the human survival is better off in the decades and centuries to come, the Convention of Biological Diversity (CBD) formed in 1993. Currently 196 countries are parties in the convention. As a party in CBD, India took many constructive measures towards the implementation of the Convention's protocols including the implementation of the Biological Diversity Act, 2002. During 2012 October, India (Hyderabad) hosted one of the largest events on environment and natural resources – the eleventh meeting of Conference of Parties to the Convention on Biological Diversity (CBD COP 11) and proved our commitments on biodiversity conservation.

This is the time to initiate proactive work in the ground for preserving our biodiversity, where the academic and student's community (young generation) role is significant. In this regard I request you to kindly introduce some innovative 'biodiversity awareness and management events and strategies in your esteemed institution and neighbourhoods with the support of faculty and students.

Kindly plan suitable programmes along with your normal activities / curricula where the importance of conserving biodiversity and its sustainability to future generation can be highlighted such as;

- Competitions on biodiversity related quiz, essays, poem, drawing, paintings, drama etc.; biodiversity tour/excursion; formation of biodiversity club; public awareness campaign like road show, street drama; biodiversity projects and restoration activities in the campus and neighbourhoods - particularly in common lands - with the collaboration of local bodies; celebration of International Day for Biological Diversity, World Environment Day, World Water Day; biodiversity pledge etc.
- Incorporation of biodiversity modules (issues, challenges, conservation strategies, regulations and enforcement – Biological Diversity Act, Rules, Guidelines etc.) in the curriculum/syllabus.

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