

# International Conference (Online) on Scientific Developments in the Current Era

Approved by: Director General Higher Education, Panchkula, Haryana

**(ICSDCE-2021)**

**9-10 April, 2021**

**SOUVENIR**  
(Book of Abstracts)



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Faculty of Science, Internal Quality Assurance Cell  
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on

## Scientific Developments in the Current Era

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Construction activities, Biomass and refuses burning, Road dust resuspension and industrial activities. Haryana State Pollution Control Board (HSPCB) has established a network of 29 Continuous Ambient Air Quality Monitoring Stations (CAAQMS) with at least one of CAAQMs in every district. This paper provides evidence-about the fluctuating air quality index in different districts of Haryana environment before, after and during the lockdown phase of this pandemic situation.

**Keywords:** HPCB, CPCB, CAAQMS, WHO, COVID-19

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### COMMUNITY CONSERVED AREAS: A STEP TOWARDS BIODIVERSITY CONSERVATION

**Monika Bhatia<sup>1</sup>, Pooja Jain<sup>2</sup>, Rajni<sup>3</sup>**

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#### ABSTRACT

Community conserved areas (CCAs) can be defined as natural and modified ecosystems with significant biodiversity, ecological and related cultural values, voluntarily conserved by indigenous peoples and local communities through customary laws or other effective means. CCAs can include ecosystems with minimum to substantial human influence. The community is the major player in decision making and implementation regarding the management of the site. India has rich history and diversity of CCAs. This paper identifies some of the reforms needed to encourage and sustain community based conservation in case where rural people are directly dependent on natural resources for their livelihoods.

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### REVIEW OF ATTRIBUTE-BASED ENCRYPTION TECHNIQUES IN CCE

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#### ABSTRACT

Although cloud computing is now well established term because of its abundant offerings at cheapest prices. But with the easy to access services, there are few associated risks too that hinders several users from switching to Cloud Computing Environment. Privacy of users' data is most prominent of them. To ensure privacy and security, users' data in cloud at rest has to undergo some cipher techniques. Attribute-Based-Encryption (ABE) is one of such technique that provides fine-grained access control. Attribute-Based-Encryption techniques have many decedents categories viz. Key-Policy ABE (KPABE) and Ciphertext-Policy ABE (CPABE). In this paper, a systematic review of Attribute-Based-Encryption techniques and its related schemes like KPABE, CPABE, Multi-Authority ABE (MAABE), Hierarchical ABE and ABE with non-monotonic access structure is presented.

**Keywords:** Attribute-Based-Encryption, Cloud Computing Environment, Privacy Preservation.