**A MATERIAL DESIGN STUDY APP**

**1. Introduction :**

Material Design Components (MDC Android) offers designers and developers a way to implement Material Design in their Android application. Material design in Android is one of the key features that attracts and engages the customer towards the application. This is a special type of design, which is guided by A Study Material. So in this article, it has been introduced to the basic things that need to be considered before designing or developing any Materialistic Android Application.

**1.1 Overview :**

* A Study Material Design guidelines have become the signature look of their websites and apps. Still, there are plenty of use cases outside of A Study Material platforms where Material Design is also a solid choice.
* Materials design for functional applications carried out using conventional trial and error methodologies is expensive and time consuming. Machine learning techniques can be used to design materials suitable for functional applications and discover materials for specific applications from existing literature.
* This study demonstrates a machine learning approach where a combinatorial analysis was used to design [perovskite](https://www.sciencedirect.com/topics/chemistry/perovskites" \o "Learn more about perovskite from ScienceDirect's AI-generated Topic Pages) structures and a novel methodology was devised to calculate descriptor values which were used for property prediction of the designed [perovskites](https://www.sciencedirect.com/topics/chemistry/perovskites" \o "Learn more about perovskites from ScienceDirect's AI-generated Topic Pages).
* New and improved materials have long fostered innovation. The discovery of new materials leads to new product concepts and manufacturing techniques.