



## Ananya Chowdhery awarded the Silver Award in the Queen's Commonwealth Essay Competition 2021



Ananya Chowdhery, Grade X student of Sat Paul Mittal School, Ludhiana has been awarded with Silver Award in Queen’s Commonwealth Essay Competition, 2021.

The Royal Commonwealth Society (RCS) is a network of individuals and organisations committed to improving the lives and prospects of Commonwealth citizens across the world. Through youth empowerment, education and high-level advocacy, the Society champions the importance of literacy, equality and inclusion, the environment and connected communities across the Commonwealth’s 54 member nations. The Society’s unique position within the Commonwealth family allows it to play a pivotal role in convening and connecting the Commonwealth’s political and diplomatic representatives, as well as industry, civil society, academic and business leaders, on a wide range of issues.

Each year, the Winners and Runners-up of The Queen's Commonwealth Essay Competition, the world's oldest international writing competition for schools, are awarded. For the last few years the Awards Ceremony takes place at Buckingham Palace under the support of the Vice-Patron Her Royal Highness the Duchess of Cornwall who congratulates the winners and present them with their awards.

The Silver Awardee has also published research paper in the **International Research Journal of Engineering and Technology (IRJET)** on “**the synergy between Art and Science**.” The IRJET is a peer reviewed multi-disciplinary journal for the enhancement of research in various disciplines of Engineering, Science and Technology. The prime focus of the journal is to publish articles related to current trends of research.

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**International Research Journal of Engineering and Technology (IRJET)** e-ISSN: 2395-0056  
 Volume: 08 Issue: 06 | June 2021 www.irjet.net p-ISSN: 2395-0072

**Synergy between Art and Science**  
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**Abstract** - Science and art have always been considered poles apart and have been taught as different mediums. Are these two really so odd with each other or are they complementary? This research paper seeks to find on the same.

**Key Words:** Art, Science, Synergy, Bio art, Geometry

**1. INTRODUCTION**  
 Science and arts have always been considered as similar as chalk and cheese. Most scientists do not think of art as a medium to disseminate scientific information. But recent research has proved that rather being as dissimilar as men from Mars and women from Venus, science and art are in fact two parts which together make a complete whole, just like Ardhnarishwar (divine god- half male and half female). Arts and science have been neatly divided into two different divisions from times immemorial. These divisions have been challenged by some prominent personalities, historically; it is only recently that these two streams now appear to be merging rather than being distinct.

**2. ART AND SCIENCE- SIMILAR OR DISSIMILAR?**  
 Art and science are fundamentally the same. They both attempt to comprehend and express the world we live in. They, however, have different methodology and are identified with different genres of people, but the ultimate objective is the same. To the uninitiated they may seem like opposite poles. Science all logic and data and art dominated by emotions. However, they both share an unending inquisitiveness. Science seeks to explain the world as it exists around us and art is the artist's expression of the world around us. Man has expressed his curiosity of the world through paintings right from ice age and scientists has utilized these to understand and proposed theories about the past. To make scientific discoveries, scientists need a lot of creativity and imagination. On the other hand, a lot of science is involved in creating a masterpiece in the form of angles, symmetry and even in mixing of paint in right proportions. Even theories in humanities require a lot of research and logic.

**3. CONTRIBUTION OF SCIENCE TO ARTS**  
 Just a cursory glance at the history will bring up illustrious examples of the beautiful synergy between science and arts. Albert Einstein, Leonardo da Vinci, Galileo- just to name a few. Albert Einstein, the noble prize winner in physics, once said: "If I were not a physicist, I would probably be a musician." He was a gifted violinist and used to perform at private concerts with his scientist friends as well as professional musicians. Music is considered to be an art form rather than a science but how can we forget the science behind the production of musical instruments.

Samuel Morse, the American inventor who invented telegraph system was a famous painter too. Dr. Santiago Ramon y Cajal, considered as father of neuroscience, was a prolific artist who had once envisioned spending his life in the world of art. Not only he won a noble prize was his work his detailed drawings of the microscopic cells are gracing museums and art galleries around the world.

**4. CONTRIBUTION OF ARTS TO SCIENCE**  
 It is not just science and scientists that have contributed to arts but other way round as well. Leonardo da Vinci, the famous artist and designer, was a famous polymath too who dabbled with science in his spare time. The detailing of human anatomy done by him was never done before and his contributions in the field of aerodynamics