

Technology for Peace

- **On November 10, the annual celebration of Science Day for Peace and Development** honors the role that science plays in advancing world peace and development.
- Millions of people all over the world have benefited from the numerous inventions and discoveries made by scientists, including improvements in literacy, economic development, and nutrition.
- This day is held in remembrance of science's contributions to world peace and as a call to action to maintain funding for scientific education and research.

Role of Technology

- Science and technology have crucial roles to play in **promoting progress and peace** from climate change to public health; from food security to sanitation; from disarmament to disaster preparedness.
- **Sustainable development** is built on the foundations of a **peaceful, just and inclusive society and institutions**.
- New types of war, conflict and violence challenge traditional ways of doing analysis to support peace and security efforts.
- **New technologies and new digital applications**, if used responsibly, hold tremendous potential to help us achieve the 2030 Agenda for Sustainable Development.
- More and more **compelling examples illustrate the value of technology** to improve early warning systems and inform policy and programmatic response
- To promote the advancement of technology and science aspects that will provide benefit to **humankind by maintaining everyone's welfare**.

Example of Technology in Peace And Harmony

- **Big data:** The use of advanced computing techniques, like machine learning, to analyse massive amounts of data
- Public sentiment analysis of big data can enable effective decision-making.
- **Network analysis and conflict resolution:** When peace mediators understand the complex web of actors involved in a conflict they can determine whom they should reach out to.
- The more connected an armed group, the more likely peacebuilders can stop the fighting between a wide range of actors in the conflict with this knowledge.
- **Satellite imagery and human rights:** Data from satellites can locate, measure, and draw attention to human rights violations.
- **Democratising data and datafying democracy:** Amidst the ongoing digital revolution, leaders in the field need to be aware of global technological fault lines to make sure data and digital tech benefit everyone and cause minimal harm.

NEED OF TECHNOLOGY IN DEVELOPING PEACE

- Technology is a **powerful tool of communication**.
- Technology **brings together all the people** residing in different parts of the world through one or the other medium.
- **Digital media tools provide** new and creative ways to develop national and international integration.
- It offers tools for **collaborative media creation and dissemination** through social media, blogs, wikis, citizen journalism and participatory maps.
- **Networking platforms like peer network** and discussion forums provide new opportunities to foster positive contact between conflict groups.
- It **provides tools which can be used in different fields** like social, political, cultural, psychological, defence and economics etc. to resolve the **issues and promote peace**.

STRATEGIES FOR PEACE PROMOTION THROUGH TECHNOLOGY

- **We should be strict, so that nuclear or other weapons** could not be used for mass destruction. On this issue we have to **unite so that mankind should be protected against the destructive uses of scientific achievement**.
- We have to **use science and technology in best possible way** for promoting peace.

- **Technology needs to be decentralised** for this purpose. When any major task is delegated among the smaller agencies or organisations rather than keeping it on the centre and government level, **work can be done at the ground level** and positive result can be obtained.
- We have **made enormous investment to make technology powerful** in terms of money, time and labour.
- So, it is the need to **reorient the technology in the direction of promoting peace**.
- **Need to strengthen our analytical capacities**, use new types of data and develop new methods.
- It is **necessary that we find options from the existing technology** which can be used for peace development.
- For example, **electronic mail is an excellent means of communication** which can be used to communicate with the activists and find out strategies to work for the welfare of society.
- **New technologies can be used to promote peace-minded** quality education. ICT is integrated with education in the best possible way which is nowadays being implementing.
- There is a **need to spread awareness towards developing** and using technology for promoting peace in the society.

CONCLUSION

- In a nutshell, we can say that though science and technology has certain limitations, still it has **multiple benefits** which can be used to the maximum extent.
- These **limitations can be overcome** through the use of science and technology itself.
- Thus, with the technology, how we use it, whether for promoting peace or for destruction, it is totally our wisdom.

