

- **Department of Biotechnology** under **IC-IMPACTS** program implements joint research projects in **health care, agri-biotech and waste management**.
- **Department of Earth Science and Polar Canada** have started a programme for exchange of knowledge and scientific research on **Cold Climate (Arctic) Studies**.

### Space Cooperation

- India and Canada are pursuing successful cooperative and commercial relations in the **field of Space since 1990s** mainly on **space science, earth observation, satellite launch services and ground support** for space missions.
- **ISRO and Canadian Space Agency (CSA)** have signed two MOUs in the field of exploration and utilisation of outer space in October 1996 and March 2003.
- **ANTRIX**, the Commercial arm of ISRO, has launched several **nano-satellites** from Canada.
- ISRO in its **100th Satellite PSLV** launched on 12 January 2018, also flew **Canadian first LEO satellite**, from **Indian spaceport Sriharikota, Andhra Pradesh**.

### Education

- Education is a key area of **mutual interest**.
- Recently India became the top source of foreign students with **203000 Indian students** studying in Canada. The MoU on Higher Education (2010) with Canada was renewed in February 2018.
- 69 reputed Canadian faculty members have visited India, so far under the **Global Initiative of Academic Works (GIAN)** programme for teaching assignments in Indian institutions.
- Canada is one of the 28 countries covered under the **Scheme for promotion of Academic and Research Collaboration (SPARC)**, an initiative aiming to improve research ecosystems in India's higher education institutions.
- **The Shastri Indo-Canadian Institute (SICI)** is a unique **bi-national organization** fostering, since 1968, education and cultural cooperation and collaboration between India and Canada.

### Defence and Security

- India and Canada collaborate closely in **international fora, particularly through the UN, Commonwealth and G-20**.
- Defence ties have been **expanding with mutual ship visits**.
- There is robust cooperation on counter terrorism issues particularly through the framework of the **JWG on Counter Terrorism**.
- The security cooperation was further enhanced with the **Framework for Cooperation** between India and Canada on **Countering Terrorism and Violent Extremism** signed by the **National Security Advisor of India** and the **National Security and Intelligence Advisor of Canada** on 14 February 2018.

### India-Canada Track 1.5 Dialogue

- The **India-Canada Track 1.5 Dialogue on Innovation, Growth and Prosperity** strives to build closer ties between India and Canada and nurture the relationship to its full potential.
- India-Canada has established a Track 1.5 Dialogue on involving **experts, government officials and business leaders** from both sides to explore the **possibility of future cooperation**.
- In addition to its focus on **innovation**, the partnership will examine topics such as collaboration on **research and higher education, promotion of India-Canada trade and investment, energy cooperation, and issues pertaining to global governance**.
- The first round was held in 29-30 October 2018 at Ottawa, Canada.
- The second round was held on 22 November 2019 in Mumbai.

### Indian Diaspora

- Canada is home to over 1.2 million **Persons of Indian Origin (PIO)** who comprise more than 3% of the country's population.