

Discuss the role of CSIR in building an Atmanirbhar Bharat. 655

The Council for Scientific and Industrial Research (CSIR) is the premier scientific body of the country operating with 37 high-end labs. The CSIR has more to offer for nation-building.

CSIR and Atmanirbhar

The council has been throughout the country's development and can aid further.

Agriculture - Development of high yielding varieties and such as scamba maize and disease resistant crops can improve food and nutrition security.

Healthcare The council had developed PalmScan - which is affordable and Next generation sequencing of mitochondria diagnosis which can help identify

genetic diseases at early stages.

Rural development The Lawrence Mission of the Council has changed the economy of Kashmir with many start-ups coming in the sector.

The Puma ET-11 electric tractor can ease the tilling needs of farmers specially women.

Energy The Council had developed sustainable amitran fuel with partnership with Aisley which can change the discourse of amitran energy.

Students outreach Programmes like Jigyasa which imparts scientific temper and Vijnana Bharati - which induces spirit of swadeshi science can lead the Smart Path.

Future CSIR has been performing monumental work as a scientific body, with legitimacy of their missions and projects the vision of Atma Nirbhar is very near.