

TechEx 2019

Prelims: Governance, Science & Technology, Policies

Mains:

GS-II- Government policies and interventions for development in various sectors and issues arising out of their design and implementation.

GS-II- Issues relating to development and management of Social Sector or Services relating to Health, Education, Human Resources.

GS-III- Science and Technology - developments and their applications and effects in everyday life Achievements of Indians in science & technology; indigenization of technology and developing new technology.

Why in News?

- ▶ Union Human Resource Development Minister, inaugurated the TechEx – technology exhibition at IIT Delhi

TechEx:

- ▶ TechEx was organized to demonstrate products and prototypes developed under the two flagship schemes of the Ministry of Human Resource Development (MHRD) namely IMPacting Research, INnovation and Technology (IMPRINT) and UchhatarAvishkar Yojana (UAY).
- ▶ TechEx is a unique effort, which offers an excellent platform to the researchers to showcase their work and inspire them to do their best in their respective domains.
- ▶ some prominent among the exhibits were non-invasive and low-cost rapid TB diagnostics, artificial pancreas for closed loop blood glucose control of type-I diabetic patients, affordable cancer diagnosis/treatment, electric vehicle charger, etc.

IMPRINT Scheme:

- ▶ MPRINT scheme was launched in November, 2015 with a view to providing solutions to the most relevant engineering challenges by translating knowledge into viable technology (products or processes) in 10 selected technology domains.
- ▶ The domains are namely health care, energy, sustainable habitat, nano-technology hardware, water resources and river systems, advanced materials, Information and

Communication Technology, manufacturing, security and defence, and environmental science and climate change.

Uchhatar Avishkar Yojana (UAY):

- ▶▶ Uchhatar Avishkar Yojana (UAY) was announced in 2015 with a view to promoting innovation of a higher order that directly impacts the needs of the Industry and thereby improves the competitive edge of Indian manufacturing.
- ▶▶ UAY projects are funded jointly by MHRD, participating Ministries and the Industry
- ▶▶ The scheme focusses on a viable industry-academic collaboration where industry shares a part of the cost of research.

