

## **5. TechSagar**

**Prelims: Science & Technology**

**Mains: GS-III- Awareness in the fields of IT; Challenges to Internal Security Through Communication networks, role of media and social Networking Sites in Internal Security Challenges; Basics of Cyber Security.**

### **Context:**

- ▶▶ National Cyber Security Coordinator's office in partnership with Data Security Council of India (DSCI) has launched national repository of India's cyber tech capabilities named TechSagar.

### **What is TechSagar?**

- ▶▶ It is a consolidated and comprehensive repository of India's cyber tech capabilities which provides actionable insights about capabilities of the Indian Industry, academia and research across 25 technology areas.
- ▶▶ The portal will list business and research entities from the IT industry, start-ups, academia, and individual researchers. Thus, it acts as a platform to discover India's technological capability through a portal.
- ▶▶ The areas covered under the portal are as internet of things (IoT), Artificial Intelligence (AI), Machine Learning (ML), blockchain, cloud & virtualisation, robotics & automation, ar/vr, wireless & networking, and more.

### **Significance:**

- ▶▶ As India aspires to become a trillion-dollar digital economy, the repository will facilitate new opportunities for businesses and academia to collaborate, connect and innovate in future.
- ▶▶ TechSagar will allow targeted search, granular navigation and drill down methods using more than 3000 niche capabilities. The repository features 4000+ entities from industry, academia and research including large enterprises and start-ups providing a country level view of India's cyber competencies.
- ▶▶ In order to combat the growing threat from cybercrime, there is an urgent need to collaborate and develop cyber technology capabilities in India. With the launch of TechSagar, the seed has been sown for start-ups to prosper in cyber tech. This is a good example of government facilitating industry growth in a strategic domain.

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### **About DSCI:**

- ▶▶ Data Security Council of India (DSCI), is a not-for-profit, industry body on data protection in India, setup by NASSCOM.
- ▶▶ It is committed to making the cyberspace safe, secure and trusted by establishing best practices, standards and initiatives in cyber security and privacy.
- ▶▶ To further its objectives, DSCI engages with governments and their agencies, regulators, industry sectors, industry associations and think tanks for policy advocacy, thought leadership, capacity building and outreach activities.

