

GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
DEPARTMENT OF DEFENCE PRODUCTION
LOK SABHA
UNSTARRED QUESTION NO.2255
TO BE ANSWERED ON 10th DECEMBER, 2021

SELF-RELIANCE IN DEFENCE SECTOR

2255. COL. RAJYAVARDHAN RATHORE:

Will the Minister of DEFENCE
be pleased to state:

- (a) the total amount disbursed to various institutions between 2018-2021 under the innovations for Defence Excellence (iDEX) scheme, Institute-wise and State-wise;
- (b) the manner in which the innovation incentives under iDEX scheme have strengthened the self-reliance in defence sector and defence production in the country;
- (c) the total number of new innovative prototypes, commercial solutions, collaborations have resulted from iDEX scheme;
- (d) the rationale behind not guaranteeing the Government procurement for successful prototypes under iDEX scheme; and
- (e) the total number of incubation centres set up and Centers/Institutes of National Importance included under iDEX scheme?

A N S W E R

MINISTER OF STATE
IN THE MINISTRY OF DEFENCE

(SHRI AJAY BHATT)

- (a) The total amount disbursed between 2018-2021 under the Innovations for Defence Excellence (iDEX) scheme, Company-wise and State-wise is attached as Annexure.
- (b) (i) Till date, iDEX has launched five rounds of Defence India Startup Challenges (DISCs), and three rounds of Open Challenge (OC), receiving more than 2000 applications from innovators. iDEX has been able to fund projects in many technological areas under DISCs and OC through the Support for Prototype and Research Kickstart (SPARK) framework, which entail provisioning of grants upto Rs 1.50 crore to the startups.

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(ii) The Partner Incubators (PIs) bridge the gap between the requirements of startups and technological expertise required to develop the product.

(iii) iDEX also features as a procurement avenue under the Defence Acquisition Procedure-2020.

(iv) The Government has approved a scheme worth Rs 498.78 Crore to scale up iDEX in the next five years.

(c) 60 contracts for developing innovative prototypes have been signed under iDEX.

(d) The establishment of iDEX is aimed at creation of an ecosystem to foster innovation and technology development in Defence and Aerospace by engaging Industries including MSMEs, start-ups, individual innovators, R&D institutes and academia and provide them grants/funding and other support to carry out R&D development which has good potential for future adoption for Indian defence and aerospace needs. Accordingly, as per the feature incorporated in the Defence Acquisition Procedure, the prototypes that have been successfully developed through the iDEX framework find the route for procurement by the concerned Services. In line with the above, the Indian Navy has already placed a Supply Order on one iDEX Winner. The Defence Public Sector Undertakings (DPSUs) are also mandated to follow similar procurement procedure for iDEX cases.

(e) Under the iDEX scheme, Memorandum of Understanding (MoUs) have been signed with 11 incubators. Out of the 11 Partner Incubators, 7 are Institutes of National Importance and 1 is Institute of Eminence.

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO. 2255 FOR ANSWER ON 10.12.2021 REGARDING 'SELF-RELIANCE IN DEFENCE SECTOR'.

**Support for Prototype and Research Kickstart (SPARK) Grant
(In Rs)**

Sl. No	Name of iDEX Winner	State	Total (2018 -2021)
1	Aditya Precitech Private Limited	Telangana	15,00,000
2	Alpha Design Technologies Pvt Ltd	Karnataka	28,55,000
3	Anvation Labs Pvt Ltd	Telangana	14,95,816
4	Astrome Technologies Private Limited	Karnataka	28,96,275
5	Big Bang Boom Solutions Pvt Ltd	Tamil Nadu	82,73,206
6	BigCat Wireless Pvt Ltd	Karnataka	61,50,000
7	Centre for Study of Science Technology and Policy	Karnataka	15,00,000
8	Chipspirit Technologies Pvt Ltd	Karnataka	44,23,138
9	Dimension NXG Private Limited	Maharashtra	87,00,000
10	DV2JS Innovation	Delhi	52,50,000
11	Gurutvaa Systems Pvt Ltd	Maharashtra	40,50,740
12	Gyan Data Private Limited	Tamil Nadu	5,64,109
13	HW Design Lab Pvt Ltd	Kerala	13,42,405
14	Iotina Technologies Pvt Ltd	Uttar Pradesh	9,98,180
15	Irov Technologies Private Limited	Kerala	14,36,500
16	ISenses Incorporation PVt Ltd	Rajasthan	15,00,000
17	Kinetix Engineering Solutions Limited	Karnataka	45,00,000
18	Lekha Wireless Solutions Pvt Ltd	Karnataka	56,50,746
19	Logic Fruit Technologies Pvt Ltd	Haryana	13,36,783
20	MMRFIC Technology Private Limited	Karnataka	45,19,290
21	Navyug Infosolutions Private Limited	Uttar Pradesh	44,99,924
22	Nopo Nanotech Pvt Ltd	Karnataka	10,41,350
23	North Street Cooling Towers Pvt Ltd	Uttar Pradesh	90,00,000
24	Nyokas Technologies Private Limited	Kerala	11,45,200
25	Optimized Electrotech Pvt Ltd	Karnataka	7,49,750
26	OSSUS Biorenewables Pvt Ltd	Karnataka	12,08,662

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27	Radome Technologies and Services Pvt Ltd	Karnataka	22,60,247
28	Saif Automations Services LLP	Andhra Pradesh	22,85,104
29	SCI-COM Software India Pvt Ltd	Maharashtra	44,99,600
30	Tatvabodh Technology Pvt. Ltd	Haryana	13,82,500
31	Tonbo Imaging India Private Limited	Karnataka	45,00,000
32	Zmotion Autonomous Pvt Ltd	Karnataka	15,00,000
Grand Total			10,30,14,525

Funds Disbursed to Partner Incubators (PIs) under CSR by DPSUs:

(In Rs)

Sl. No	Partner Incubators	State	Total (2018-2021)
1	SINE, IIT Bombay	Maharashtra	50,00,000
2	Maker Village, Kochi	Kerala	20,00,000
3	IIT MIC, IIT Madras	Tamil Nadu	60,00,000
4	Forge, Coimbatore	Tamil Nadu	1,10,00,000
5	iTIC, IIT Hyderabad	Telangana	12,00,000
6	CIIE, IIM Ahmedabad	Gujarat	55,00,000
7	FITT, IIT Delhi	Delhi	60,00,000
8	T-Hub Hyderabad	Telangana	80,00,000
Grand Total			4,47,00,000
