

GOVERNMENT OF INDIA
MINISTRY OF PLANNING

LOK SABHA
UNSTARRED QUESTION NO. 2600
TO BE ANSWERED ON 10.03.2021

INNOVATION INDEX

2600. SHRIMATI VANGA GEETHA VISWANATH:

Will the Minister of PLANNING be pleased to state:

- (a) whether Innovation Index was released recently by NITI Aayog with regard to the number of venture capital, deals, registered Geographical Indications and information and communications technology exports and its high Foreign Direct Investment (FDI) inflow;
- (b) if so, the details thereof, State-wise comparatively during each of the last five years and the current year, year-wise;
- (c) whether it is also a fact that due to COVID-19 pandemic triggering an economic shutdown, the role of innovation to revitalise the economy is facing many types of and also new challenges to overcome the situations in some States and its effect on some sectors; and
- (d) if so, the details thereof and the present status along with the views of States taken into consideration so far?

ANSWER

MINISTER OF STATE (INDEPENDENT CHARGE) OF MINISTRY OF PLANNING,
AND MINISTER OF STATE (INDEPENDENT CHARGE) OF MINISTRY OF
STATISTICS AND PROGRAMME IMPLEMENTATION

(RAO INDERJIT SINGH)

- (a) Yes Sir. The NITI Aayog has released the 2nd edition of the India Innovation Index on the 20th of January, 2021, which ranks 29 States and 7 Union Territories (UTs) based on their innovation capabilities and performance. While calculating the Innovation scores of the States/UTs, indicators such as the number of venture capital deals, registered Geographical indications, information and communications technology exports, Foreign Direct Investment (FDI) inflow, etc., have been taken into account.
- (b) The NITI Aayog has been releasing the India Innovation Index since the last two years, viz. 2019 and 2020. The India Innovation Index 2019 and the India Innovation Index 2020 have, therefore, been prepared based on the latest data available, on the various indicators, at that point-of-time. The State-wise comparative statement - on the indicators mentioned in the part (a) of the Question - is, therefore, being provided for only 2 years (**Annexure-1**).

- (c) Yes Sir, the outbreak of the COVID-19 pandemic has had an impact on the economic slowdown. As the India Innovation Index 2019 and 2020 were released using data from the previous years, they did not reflect the impact of COVID-19 on the economy. However, given the implications of the pandemic, the role of innovation is instrumental in leading the recovery. Innovation will play a critical role in revitalizing the economy, which is happening across most of the States/UTs. The need to innovate is crucial to overcome the multitude of challenges that will begin to arise in the future. The NITI Aayog, through the Atal Innovation Mission (AIM), is developing a culture of innovation in the country which is continuing to gather momentum even during the pandemic.
- (d) The focus of the Central and the State Governments needs to be on the most immediate concerns like supporting the overburdened healthcare system, recovering from the short-term economic shock and mobilizing entrepreneurial potential. For instance, the healthcare sector has a prime opportunity to boost innovation through the prioritization of targeted Research & Development and the commercialization of intellectual property (IP). Strategic innovation projects are likely to play a crucial role, as innovation is a key driver of economic growth and development in the long run. Innovation would also allow harnessing the opportunities that arise from every crisis across different sectors. As India seeks to revive from the impacts of the pandemic, the NITI Aayog, is actively coordinating with all the stakeholders, including the States and the Union Territories, to drive the innovation related initiatives at the national and the state level. The Governing Council of the NITI Aayog provides a platform to discuss various matters with the States and the Union Territories, including the role of innovation to revitalize the economy.

Venture capital deals

S. No.	State	India Innovation Index 2019	India Innovation Index 2020
		2018	2019*
1.	ANDHRA PRADESH	0	0
2.	ARUNACHAL PRADESH	0	0
3.	ASSAM	0	0
4.	BIHAR	0	0
5.	CHHATTISGARH	0	0
6.	DELHI	3	3
7.	GOA	0	0
8.	GUJARAT	1	1
9.	HARYANA	6	6
10.	HIMACHAL PRADESH	0	0
11.	JAMMU & KASHMIR	0	0
12.	JHARKHAND	0	0
13.	KARNATAKA	28	28
14.	KERALA	3	3
15.	MADHYA PRADESH	0	0
16.	MAHARASHTRA	14	14
17.	MANIPUR	0	0
18.	MEGHALAYA	0	0
19.	MIZORAM	0	0
20.	NAGALAND	0	0
21.	ODISHA	0	0
22.	PUNJAB	0	0
23.	RAJASTHAN	3	3
24.	SIKKIM	0	0
25.	TAMIL NADU	7	7
26.	TELANGANA	2	2
27.	TRIPURA	0	0
28.	UTTARAKHAND	0	0
29.	UTTAR PRADESH	4	4
30.	WEST BENGAL	0	0
31.	ANDAMAN & NICOBAR ISLANDS	0	0
32.	CHANDIGARH	0	0
33.	DADRA & NAGAR HAVELI	0	0
34.	DAMAN & DIU	0	0
35.	LAKSHADWEEP	0	0
36.	PUDUCHERRY	0	0

Source: DPIIT; *due to COVID-19 Pandemic, the data was not available at the government source (DPIIT) at the time of preparation of report on India Innovation Index-2020. Hence, the latest available data of the previous year was considered.

Number of registered Geographical Indications (GI)

S.No.	State	India Innovation Index 2019	India Innovation Index 2020
		2018	2019
1.	ANDHRA PRADESH	18	19
2.	ARUNACHAL PRADESH	1	1
3.	ASSAM	6	7
4.	BIHAR	11	13
5.	CHHATTISGARH	5	6
6.	DELHI	1	1
7.	GOA	1	1
8.	GUJARAT	13	16
9.	HARYANA	1	2
10.	HIMACHAL PRADESH	6	9
11.	JAMMU & KASHMIR	8	9
12.	JHARKHAND	0	0
13.	KARNATAKA	39	44
14.	KERALA	27	30
15.	MADHYA PRADESH	9	11
16.	MAHARASHTRA	30	33
17.	MANIPUR	4	4
18.	MEGHALAYA	2	2
19.	MIZORAM	1	1
20.	NAGALAND	3	3
21.	ODISHA	15	16
22.	PUNJAB	2	2
23.	RAJASTHAN	14	15
24.	SIKKIM	1	1
25.	TAMIL NADU	28	32
26.	TELANGANA	14	15
27.	TRIPURA	0	1
28.	UTTARAKHAND	1	2
29.	UTTAR PRADESH	27	27
30.	WEST BENGAL	21	21
31.	ANDAMAN & NICOBAR ISLANDS	0	0
32.	CHANDIGARH	0	0
33.	DADRA & NAGAR HAVELI	0	1
34.	DAMAN & DIU	0	1
35.	LAKSHADWEEP	0	0
36.	PUDUCHERRY	2	2

Source: <https://ipindia.gov.in/annual-reports-ipo.htm>- IP India Annual Reports- Geographical Indications

Information and Communications Technology (ICT) exports

S.No.	State	India Innovation Index 2019	India Innovation Index 2020
		2017 (Rs Cr)	2018 (Rs Cr)
1.	ANDHRA PRADESH	526.69	702.29
2.	ARUNACHAL PRADESH	0	0
3.	ASSAM	10.5	21.09
4.	BIHAR	4.65	0.03
5.	CHHATTISGARH	36.79	668.27
6.	DELHI	1483.55	1662.82
7.	GOA	85.13	82.79
8.	GUJARAT	2363.54	2681.14
9.	HARYANA	20873.79	22182.85
10.	HIMACHAL PRADESH	6.97	7.58
11.	JAMMU & KASHMIR	3.38	3.92
12.	JHARKHAND	2	6.64
13.	KARNATAKA	141846.13	152280.16
14.	KERALA	3534.49	3296.56
15.	MADHYA PRADESH	516.18	613.82
16.	MAHARASHTRA	69010.02	74580.15
17.	MANIPUR	0	0
18.	MEGHALAYA	7.7	8.62
19.	MIZORAM	0	0
20.	NAGALAND	0	0
21.	ODISHA	2493.35	2503.88
22.	PUNJAB	369.93	420.54
23.	RAJASTHAN	997.32	989.22
24.	SIKKIM	38.29	19.2
25.	TAMIL NADU	34562.89	36848.7
26.	TELANGANA	46428.9	50795.82
27.	TRIPURA	0	0
28.	UTTARAKHAND	89.88	130.42
29.	UTTAR PRADESH	17237.36	18508.46
30.	WEST BENGAL	7152.01	6683
31.	ANDAMAN & NICOBAR ISLANDS	0	0
32.	CHANDIGARH	758.82	668.27
33.	DADRA & NAGAR HAVELI	0	0
34.	DAMAN & DIU	0	0
35.	LAKSHADWEEP	0	0
36.	PUDUCHERRY	239.21	253.01

Source: <https://www.stpi.in/stpi-annual-reports-> STPI Annual Report- Software Exports

Foreign Direct Investment (FDI) inflow

S.No.	State	India Innovation Index 2019	India Innovation Index 2020
		2016-17 (Rs Cr)	2019-20 (Rs Cr.) (Oct 2019-June 2020)
1.	ANDHRA PRADESH	7730.171231	1652.307
2.	ARUNACHAL PRADESH	0.893963495	4.5
3.	ASSAM	9.244206141	39.43
4.	BIHAR	42.03339009	122.084
5.	CHHATTISGARH	167.3638286	0.199
6.	DELHI	39482	35724.298
7.	GOA	555	479.666
8.	GUJARAT	22610	22018.724
9.	HARYANA	18.55088169	6930.467
10.	HIMACHAL PRADESH	4.435480979	117.309
11.	JAMMU & KASHMIR	2	1208.536282
12.	JHARKHAND	26.96660991	19192.285
13.	KARNATAKA	14300	41000.719
14.	KERALA	3050	987.957
15.	MADHYA PRADESH	347.6361714	1283.34
16.	MAHARASHTRA	131980	60931.734
17.	MANIPUR	0.819203223	207.6861474
18.	MEGHALAYA	1.192889888	272.1045047
19.	MIZORAM	0.645165051	156.4664101
20.	NAGALAND	0.76726652	191.3534656
21.	ODISHA	83	107.743
22.	PUNJAB	14.8748649	827.322
23.	RAJASTHAN	1111	1957.814
24.	SIKKIM	10.41510931	204.0353386
25.	TAMIL NADU	14516.75818	10607.938
26.	TELANGANA	7036.828769	9044.702
27.	TRIPURA	1.437305681	0.797
28.	UTTARAKHAND	42.80598985	113.707
29.	UTTAR PRADESH	7.194010146	2499.252
30.	WEST BENGAL	318.0431958	3290.506
31.	ANDAMAN & NICOBAR ISLANDS	3.541694927	84.11271742
32.	CHANDIGARH	1.138772431	63.377
33.	DADRA & NAGAR HAVELI	0	21.234
34.	DAMAN & DIU	0	24.16670976
35.	LAKSHADWEEP	0	6.405424439
36.	PUDUCHERRY	313.2418233	4.647

Source: <https://dipp.gov.in/publications/fdi-statistics/archives> - FDI Statistics Archives