

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
RAJYA SABHA
UNSTARRED QUESTION NO. 265
TO BE ANSWERED ON: 03.02.2023

STARTUP ECOSYSTEM EMPLOYMENT POTENTIAL

265 SHRI G.V.L. NARASIMHA RAO:

Will the Minister of ELECTRONICS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) the number of registered Start-ups State-wise;
- (b) the rating or performance of different States and cities of India in terms of performance of Start-ups;
- (c) the reasons for poor rating or performance of Andhra Pradesh in Start-ups;
- (d) the IT Policies and promotional schemes of Central Government for the growth of Start-ups;
- (e) IT Policies and promotional schemes of better performing State Governments for the growth of Start-ups;
- (f) present employment position in Start-ups, and potential for employment growth in future State-wise; and
- (g) nature of ecosystem necessary for growth of Start-ups in a city like Visakhapatnam endowed with highly skilled manpower?

ANSWER

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI RAJEEV CHANDRASEKHAR)

(a): Startup India initiative was launched by the Government on 16th January 2016. Under this initiative, entities are recognized by the Department for Promotion of Industry and Internal Trade (DPIIT) as startups, as per eligibility conditions prescribed under G.S.R. notification 127 (E) dated 19th February, 2019. Under the initiative, as on 31st December 2022, 86,713 startups have been recognized by DPIIT. The state-wise details of the recognition of startups since the launch of the initiative in 2016 is as under:

States	Total
Maharashtra	16,028
Karnataka	10,143
Delhi	9,799
Uttar Pradesh	7,959
Gujarat	6,187
Tamil Nadu	5,004
Haryana	4,636
Telangana	4,566
Kerala	3,839
Rajasthan	2,838
West Bengal	2,819
Madhya Pradesh	2,597
Odisha	1,571
Bihar	1,515
Andhra Pradesh	1,341
Chhattisgarh	897
Punjab	869
Jharkhand	803

Assam	767
Uttarakhand	724
Jammu and Kashmir	462
Goa	359
Chandigarh	294
Himachal Pradesh	269
Manipur	96
Puducherry	88
Tripura	70
Andaman and Nicobar Islands	38
Dadra and Nagar Haveli and Daman and Diu	37
Nagaland	28
Meghalaya	26
Arunachal Pradesh	17
Mizoram	12
Sikkim	9
Ladakh	5
Lakshadweep	1
Grand Total	86,713

(b) and (c): The Government under Startup India initiative launched States' Startup Ranking Exercise in 2018 to rank States and Union Territories (UTs) on the basis of policy measures being taken by them to promote their startup ecosystems. So far, three such exercises have been undertaken by the Department for Promotion of Industry and Internal Trade (DPIIT). The result of the participating States and UTs in three editions of the States' Ranking Exercise is as under:

Result of States' Startup Ranking Exercise 2021

S.No	State/UT	Award
1	Gujarat	Best Performer
2	Karnataka	Best Performer
3	Meghalaya	Best Performer
4	Kerala	Top Performers
5	Maharashtra	Top Performers
6	Odisha	Top Performers
7	Telangana	Top Performers
8	Jammu and Kashmir	Top Performers
9	Uttarakhand	Leaders
10	Assam	Leaders
11	Tamil Nadu	Leaders
12	Uttar Pradesh	Leaders
13	Andaman and Nicobar Islands	Leaders
14	Arunachal Pradesh	Leaders
15	Punjab	Leaders
16	Goa	Leaders
17	Rajasthan	Aspiring Leaders
18	Chhattisgarh	Aspiring Leaders
19	Himachal Pradesh	Aspiring Leaders
20	Madhya Pradesh	Aspiring Leaders
21	Delhi	Aspiring Leaders
22	Chandigarh	Aspiring Leaders
23	Nagaland	Aspiring Leaders
24	Dadra and Nagar Haveli and Daman and Diu	Aspiring Leaders

25	Manipur	Aspiring Leaders
26	Tripura	Aspiring Leaders
27	Puducherry	Aspiring Leaders
28	Bihar	Emerging Startup Ecosystems
29	Andhra Pradesh	Emerging Startup Ecosystems
30	Mizoram	Emerging Startup Ecosystems
31	Ladakh	Emerging Startup Ecosystems

For more information on the States' Startup Ranking, kindly visit the following link:
<https://www.startupindia.gov.in/srf/index.html>

(d) and (e): Ministry of Electronics & Information Technology (MeitY) has undertaken a slew of proactive, preemptive and graded measures to spur the technology led startup-innovation ecosystem in the country and giving an impetus to the new and emerging technologies. This proactive approach builds from established best practices designed to strengthen the overall tech startup development infrastructure by overcoming persistent bottlenecks to work grounds up seamlessly. Some of the major initiatives have been elucidated here:

- **TIDE 2.0 Scheme:** Technology Incubation and Development of Entrepreneurs (TIDE 2.0) Scheme was initiated in the year 2019 to promote tech entrepreneurship through financial and technical support to incubators engaged in supporting ICT startups using emerging technologies such as IoT, AI, Block-chain, Robotics etc. The Scheme is being implemented through 51 incubators through a three tiered structure with an overarching objective to promote incubation activities at institutes of higher learning and premier R&D organisations. The scheme is expected to provide incubation support to approximately 2000 tech start-ups with an overall outlay of Rs. 264 Crore over a period of five years.
- **Domain specific Centres of Excellence:**MeitY has envisaged and operationalised 26 Centres of Excellence (CoEs) in diverse areas of national interest for driving self-sufficiency and creating capabilities to capture new and emerging technology areas. These domain specific CoEs are act as enablers and aid in making India an innovation hub in emerging through democratisation of innovation and realisation of prototypes.
- **SAMRIDH Scheme:** Ministry of Electronics and Information Technology (MeitY) has launched the 'Start-up Accelerator Programme of MeitY for Product Innovation, Development and Growth (SAMRIDH)' in August 2021 with an aim to support existing and upcoming Accelerators to further select and accelerate potential software product based start-ups to scale. The total cost of the scheme is Rs. 99 Crore for a duration of 3 years. A total of 300 startups are to be supported under the SAMRIDH Scheme.
- **Next Generation Incubation Scheme (NGIS):** NGIS has been approved to support software product ecosystem and to address a significant portion of National Policy on Software Product (NPSP) 2019. The Scheme is proposed to be launched from 12 locations i.e. Agartala, Bhilai, Bhopal, Bhubaneswar, Dehradun, Guwahati, Jaipur, Lucknow & Prayagraj, Mohali/ Chandigarh, Patna & Vijaywada. The Scheme has solution oriented architecture and aims to handhold 300 Tech Start-ups in Tier-2/3 cities over a period of 3 years with the total budget outlay of Rs. 95.03 Crores.
- **GENESIS (Gen-Next Support for Innovative Startups):** Ministry of Electronics and Information Technology (MeitY) has launched an umbrella program Digital India-GENESIS (Gen-Next Support for Innovative Startups) to discover, support, grow and make successful startups in Tier-II and Tier-III cities with emphasis on collaborative engagement among startups, government and corporates for promoting digitization based on the principals of inclusivity, accessibility, affordability, leading to growth in employment and economic outputs.

In addition, Department of Science and Technology, Ministry of Science and Technology have supported Accelerator program to scale up business operation level of startups at IIM Visakhapatnam and one 'Inclusive Technology Business Incubator' at Andhra University,

Visakhapatnam to provide mentoring and hand holding support to startups. On an average, startups generate 8-10 employment opportunities per startup.

Technology Innovation Hubs (TIHs) of DST: Under National Mission on Interdisciplinary Cyber Physical Systems (NM-ICPS), 25 number of Technology Innovation Hubs (TIHs) have been established pan India covering most of the States. Each Hub is provided with a Technology Business Incubator (TBI) to boost fledging start-up eco-system in the country.

Seed Support System (SSS): The Seed fund provided by the Department of Science and Technology equips the STEP/TBI with the much needed early stage financial assistance to be provided timely to deserving start-ups under incubation in a relatively hassle free manner.

Startup India Seed Fund Scheme (SISFS) of DPIIT: Department for Promotion of Industry and Internal Trade (DPIIT) has created the Startup India Seed Fund Scheme (SISFS) with an outlay of INR 945 Crore to provide financial assistance to startups for proof of concept, prototype development, product trials, market entry, and commercialization. This would enable early-stage startups to graduate to a level where they will be able to raise investments from angel investors or venture capitalists or seek loans from commercial banks or financial institutions. The funds are disbursed to the startups via incubators selected as a part of the Scheme.

In addition, Atal Innovation Mission (AIM), NITI Ayoghas established and operationalized 69 Atal Incubation Centres. The 69 AICs have incubated around 3000+ start-ups.

(f): The State/UT-wise details of total number of direct employment generated, as self-reported by the startups recognised by the DPIIT, as on 31stDecember 2022is as under:

States	No. of jobs reported
Andaman and Nicobar Islands	263
Andhra Pradesh	12,557
Arunachal Pradesh	119
Assam	6,727
Bihar	12,618
Chandigarh	2,797
Chhattisgarh	7,710
Dadra and Nagar Haveli and Daman and Diu	453
Delhi	102,473
Goa	2,546
Gujarat	64,587
Haryana	54,391
Himachal Pradesh	2,017
Jammu and Kashmir	3,459
Jharkhand	6,151
Karnataka	114,216
Kerala	32,785
Ladakh	35
Lakshadweep	7
Madhya Pradesh	29,063
Maharashtra	167,835
Manipur	955
Meghalaya	213
Mizoram	173
Nagaland	230

States	No. of jobs reported
Odisha	15,985
Puducherry	843
Punjab	8,380
Rajasthan	30,348
Sikkim	65
Tamil Nadu	48,898
Telangana	50,318
Tripura	1,115
Uttar Pradesh	78,962
Uttarakhand	5,904
West Bengal	26,406
Grand Total	891,604

In addition, employment generated in MeitY supported startup ecosystem is more than 5000. Also, the state-wise list of employment generated through start-ups incubated in Atal Incubation Centres have been listed below:

State Name	No. of Atal Incubation Centres	Employment Generated by Start-ups
Andhra Pradesh	2	270
Assam	2	210
Bihar	1	190
Chhattisgarh	1	312
Delhi	6	1898
Goa	1	156
Gujarat	6	820
Haryana	1	220
Jammu and Kashmir	1	60
Karnataka	11	3256
Kerala	2	176
Madhya Pradesh	3	349
Maharashtra	8	2789
Odisha	2	487
Puducherry	1	79
Punjab	1	239
Rajasthan	4	396
Sikkim	1	146
Tamil Nadu	6	1287
Telangana	5	1178
Uttar Pradesh	4	568

West Bengal	0	NA
Jharkhand	0	NA
Uttarakhand	0	NA
Himachal Pradesh	0	NA
Tripura	0	NA
Meghalaya	0	NA
Manipur	0	NA
Nagaland	0	NA
Arunachal Pradesh	0	NA
Mizoram	0	NA
Chandigarh	0	NA
Dadra & Nagar Haveli and Daman & Diu	0	NA
Andaman and Nicobar Islands	0	NA
Ladakh	0	NA
Lakshadweep	0	NA
TOTAL	69	15086

(g): In regard to nature of ecosystem necessary for growth of startups in a city like Vishakhapatnam, Ministry of Electronics and Information Technology has initiated a number of startup promotional endeavours in Andhra Pradesh including Vishakhapatnam. These include Kalpataru', a domain specific Centre of Excellence on Industry 4.0 at RINL, Vishakhapatnam, STPI supported Next Generation Incubation Scheme (NGIS) as well as an STPI Centre at Vishakhapatnam. In addition, Andhra Pradesh MedTech Zone (AMTZ), a medical technology park with Common Manufacturing Facilities and Common Scientific Facilities that include specialized laboratories, warehousing and testing centers is operational in Vishakhapatnam.
