

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 6023
TO BE ANSWERED ON: 04.04.2018

EMPLOYMENT IN IT SECTOR

6023. SHRI D.K. SURESH:

Will the Minister of Electronics and Information Technology be pleased to state:

- (a) the total number of technology graduates produced in the country, the details for the last three years, year-wise and stream-wise;
- (b) the total number of employment opportunities generated in the technology sector during the last three years in the country;
- (c) whether it is true that there is increase in the unemployment rate in the recent years and if so, the details thereof and the reasons therefor;
- (d) whether the Government has any proposal to generate adequate number of employment opportunities in the technology sector to provide employment to young graduates coming out of the universities and IITs in the country; and
- (e) if so, the details thereof and the steps taken so far in this regard?

ANSWER

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI K. J. ALPHONS)

(a): Details regarding total number of technology graduates produced in the country, according to the All India Council for Technical Education (AICTE), is attached as Annexure.

(b): The year-wise details of Employment in the IT Sector are as under:

	FY2015-16	FY2016-17	FY2017-18
Total employees	36,88,000	38,63,000	39,68,000
Net addition	2,03,000	1,75,000	1,05,000
Growth rate	6%	4.50%	2.70%

Source: NASSCOM

Besides, the Government initiatives such as Common Service Centres (CSCs), BPO Promotion schemes, Electronic Manufacturing, Digital Payments, and Digital Saksharta Abhiyaan have generated nearly 15 lakh additional jobs over the last two years. This includes about 5 lakh jobs generated by the growth in the Electronics Manufacturing Sector.

(c): There has been a gentle deceleration in net new hiring growth rate in the IT sector. However, the Electronics & IT sector continues to be a net major hirer and is projected to add over 1,00,000 new jobs in the year 2018-19. There is a continuing gentle deceleration in net hiring rate (but with a growing base) as industry focuses on innovation, enhanced efficiencies

and lower attrition. The drop in the hiring growth rate in the IT industry is due to several factors which inter-alia includes:

- Exponential and disruptive adoption of new technologies by the industry;
- Some of the less complex, standard and repetitive jobs are being automated;
- Companies are improving their employee-utilisation levels and reorienting their bench strength. The emphasis is shifting to upgraded skills; and
- Companies are employing people with specialised skill-sets in newer areas such as data science, machine learning, artificial intelligence and internet-of-things.

(d) to (e): Yes, Sir. India's Digital Economy has received a tremendous boost through various Government Initiatives such as Digital India covering e-Government Services, Common Service Centres (CSCs), BPO Promotion Schemes, Digital Payments, Electronic Manufacturing, and Digital Saksharta Abhiyaan; e-Commerce, GST Network, Make in India, Start-up India, Skill India, e-Health, Smart Cities, and e-Agriculture Market Place/ Digital Mandis.

The various Government initiatives coupled with new and emerging technologies are enhancing the digital economy of the country and are creating IT and Electronics led new job opportunities in both traditional as well as new sectors of the economy such as Transport, Health, Power, Agriculture, and Tourism. According to NASSCOM, it is estimated that the IT-BPM sector would continue to hire at a rate of 3% to 3.5% year-on-year to reach 45,00,000 total jobs by 2022.

Annexure

Intake/ Enrolment/ Students Passed Information for AICTE approved institutions							
	2015-16			2016-17		2017-18	
	Approved Intake	Enrolment	Student Passed	Approved Intake	Enrolment	Approved Intake	Enrolment
Total Engineering and Technology (UG)	16,30,970	8,51,534	7,82,800	15,56,360	7,78,813	14,76,608	8,10,580
IT Br (UG)	3,93,150	2,20,833	1,87,199	NA	NA	NA	NA
MCA	1,07,001	34,926	44,563	94,159	32,338	85,104	28,777
Architecture and Town Planning Br (UG)	10,261	4,822	2,554	9,161	4,471	8,816	NA

SOURCE: Inputs from AICTE/ MHRD and AICTE Website information on 03rd April 2018
(<http://www.facilities.aicte-india.org/dashboard/pages/dashboardsaicte.php>)
