



Ministry of Electronics and Information Technology  
Government of India

# New India Digital India

Achievements of 4 Years of  
Ministry of Electronics and  
Information Technology



***Digital India***  
Power To Empower



**Narendra Modi**  
Prime Minister of India

Digital India is a globally unprecedented path-breaking initiative of the Indian Prime Minister, Shri Narendra Modi to modernize the Indian economy, to empower Indian society and to radically transform the quality of governance by the creative use of digital technology. This initiative aims to empower all citizens by enabling universal access to goods and services, as well as to involve all citizens in the project of building a better India. Digital India is designed to bridge the digital divide and create digital inclusion.

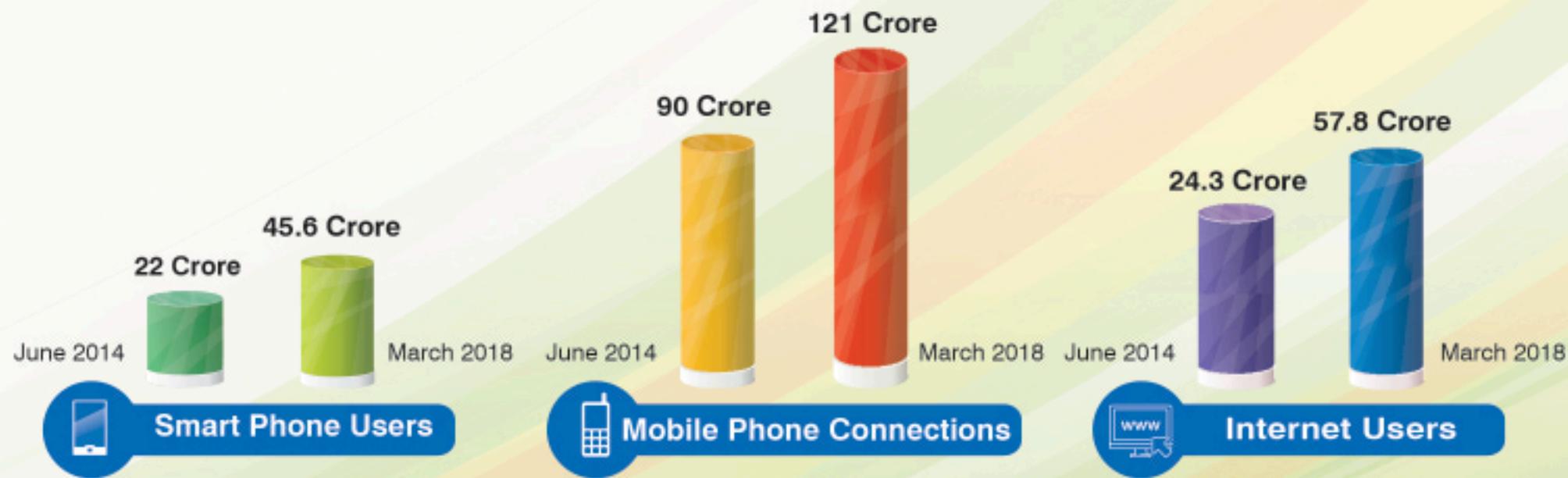
The Digital India initiative rests on the premise that the digital delivery of information and services and enabling digital access to Government and the Economy is key to improving the quality of life for all Indians.

# Digital Profile of India



## Smart Phone, Mobile Phone and Internet users

*India becomes second largest market of smartphones in the world*



## Aadhaar – Digital Identity



Growth in Registered Users

## UN eGovernance Index

United Nations eGovernance Index shows India climbing up 11 positions since 2014

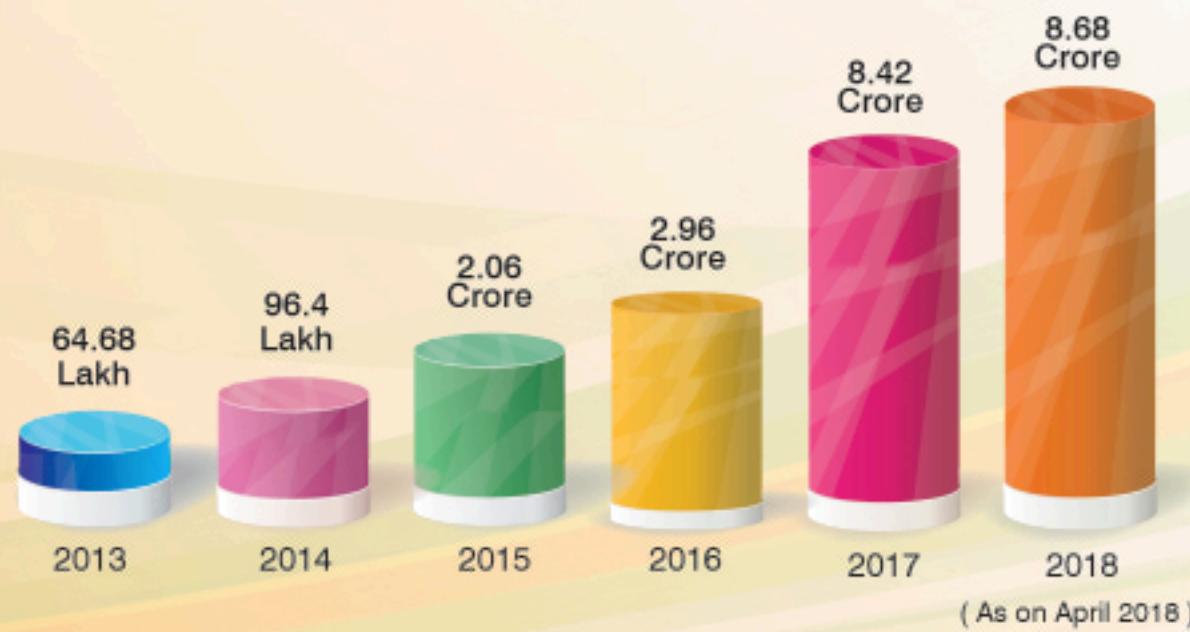


“Digital Governance  
is  
Transparent Governance”

eTaal



Growth in  
e-Governance  
Transactions  
per Day



# Digital Identity



- World's largest biometric based digital identity
- Created at a low cost of less than ₹ 82 per head
- Safe and secure with due regard to privacy of data
- Unlike earlier, Aadhaar under NDA Govt. is backed by a robust

## No. of Aadhaar Generated

61 Crore

upto 2013 - 14

80.46 Crore

upto 2014 - 15

99.92 Crore

upto 2015 - 16

113.29 Crore

upto 2016 - 17

120.71 Crore

upto 2017 - 18

## Good Governance through Aadhaar

- Aadhaar is being used for direct benefit transfer of subsidy to poor and needy
- ₹ 3.88 Lakh Crore transferred to beneficiaries till April 2018
- ₹ 90 Thousand Crore saved by removing fictitious beneficiaries
- 59.15 Crore Indians have linked their 87.79 Crore bank accounts with Aadhaar

## World appreciates Aadhaar

"Aadhaar is a good example for the rest of the world to follow" - *Paul Romer, Chief Economist, World Bank*

"Aadhaar has tremendous potential to foster inclusion by giving all people, including the poorest and most marginalized, an official identity." - *United Nations Report in 2016*

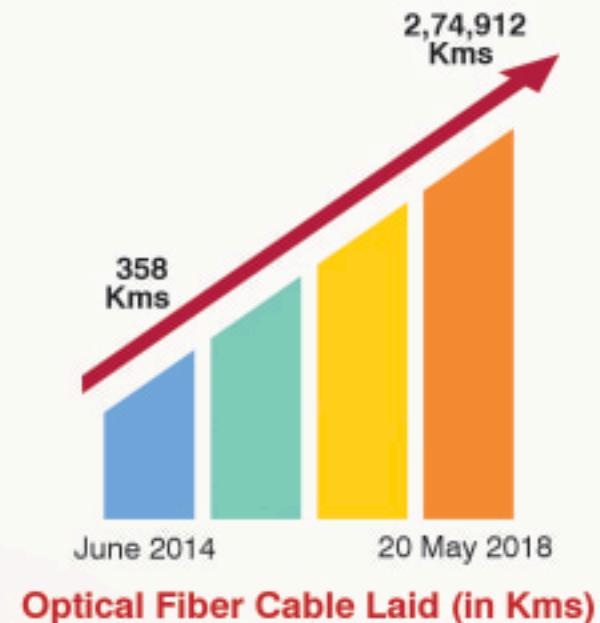
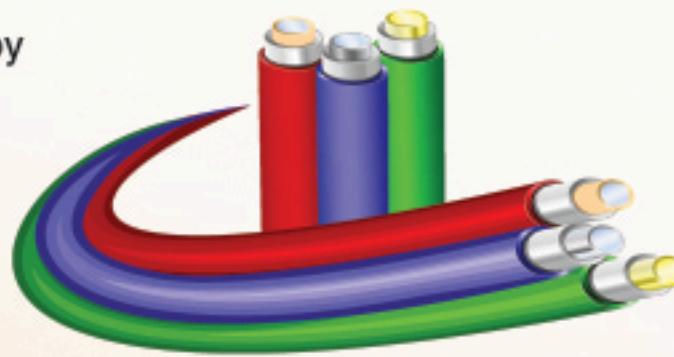
# Digital Infrastructure



## BharatNet

To connect 2.5 Lakh Gram Panchayats by Optical Fibre Network

**Connected  
1,09,900  
Gram Panchayats  
(as on 20 May, 2018)**



## National Knowledge Network

- NKN is a state-of-the-art network and is a revolutionary step towards creating a knowledge society without boundaries.
- NKN enables collaboration among researchers from different institutions like GLORIAD, TEIN3, GARUDA, CERN etc.
- NKN has the capability to provision grid computing. Some of the grid based applications are climate change/global warming, science projects like Large Hadron Collider (LHC) and ITER etc



## Meghraj



To utilize and harness the benefits of Cloud Computing, 'Meghraj' focuses on accelerating delivery of e-services in the country, while optimizing ICT spending of the Government.



\*As on 10th May 2018

# Digital Infrastructure



4.90 Crore

## eSign – Electronics Signature Service

Launched on July 1, 2015. Aadhaar holders (individuals, Government officials, corporate executives, etc.) can digitally sign an electronic document.



## Digilocker

Launched on July 1, 2015. Enables citizens to securely store and share their documents with service providers who can directly access them electronically.



Registered Users

**1.17 Crore**



Uploaded Documents

**1.54 Crore**



Issued Documents

**240 Crore**



## Common Services Centres (CSC)

### Digital Service Kiosks

- Creating digital entrepreneurs including in small towns and villages
- 10 Lakh direct and indirect jobs created
- 54,000 women working in CSC

### Major Services Delivered

- ✓ Voter ID Card
- ✓ Utility Bill Payments
- ✓ Online Ticket Booking
- ✓ PAN Card
- ✓ Land Records
- ✓ Tele Medicine
- ✓ Digital Literacy
- ✓ Insurance Services
- ✓ Banking Services
- ✓ Jan Aushadhi Medicines
- ✓ Tele Legal Aid

## Growth of CSC



## Stree Swabhiman

- Unique initiative to create awareness about menstrual health
- 117 sanitary pad units have been set up
- Low cost sanitary pads are being given to rural women
- Creation of jobs for women working in these units.



## Rural BPOs

- Micro BPO units are being set up in CSCs
- Each BPO creates jobs for five to ten youth
- A new wave of IT led jobs spreading in rural India



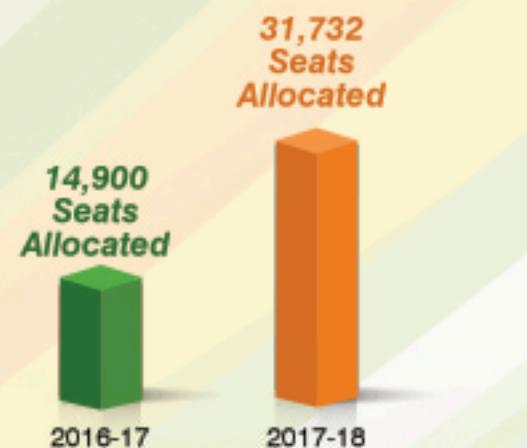
# Digital Jobs in Small Towns



## NEW BEGINNING FOR CREATING JOBS IN TIER- II & TIER- III TOWNS

### BPO Promotion Scheme

- The Government has initiated India BPO Promotion Scheme for promotion of BPO/ITES operations across the country including small towns and rural areas, with an outlay of about ₹ 493 Crore
- This is just a beginning and it is expected to create employment opportunities for around 1,45,000 persons in the initial phase.
- BPOs have become operational in small towns like Patna, Muzaffarpur, Karimnagar, Sangli, Badgam, Srinagar, Jammu, Sopore, Bareilly, Vellore, Guntur, Sagar.
- BPOs may start soon at Nellore, Dalsingsarai, Gaya, Panchkula, Deoghar, Dhanbad, Ranchi, Mysore, Gulbarga, Gwalior, Vidisha, Dhule, Sambalpur, Puri, Allahabad, Gazipur and many more places.



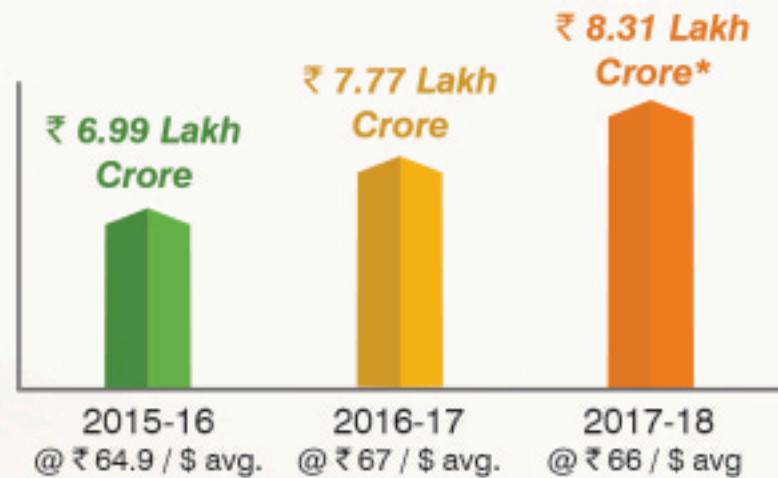
### North East BPO Promotion Scheme

- NEBPS has been notified under Digital India Programme to incentivize BPO/ITES operations in North East Region (NER) for creation of employment opportunities for around 15,000 persons and growth of IT-ITES Industry.
- BPOs have started working in Imphal, Kohima, Guwahati.
- BPOs may start soon at Kokrajhar, Majuli, Naogaon, Silchar, Diphu, Shillong and Itanagar.



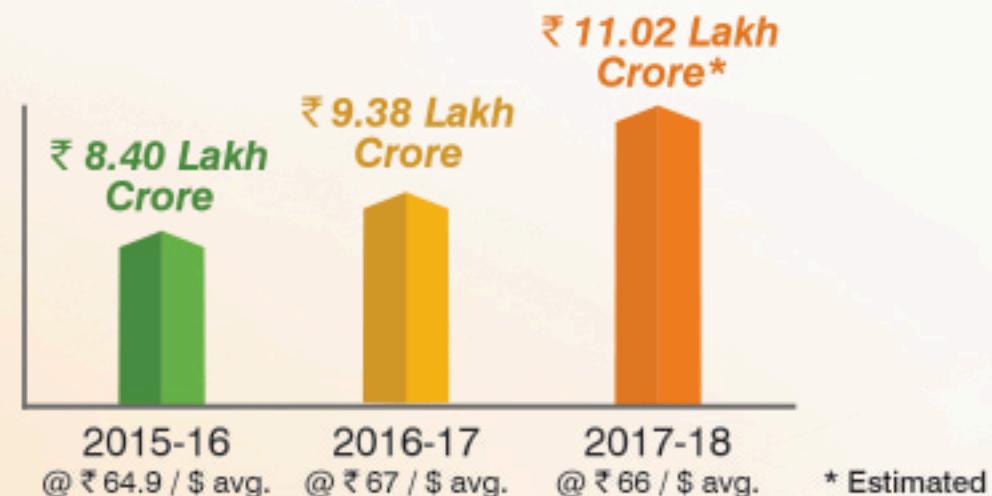
## IT Exports from India

- Indian IT exports are growing at a rapid pace.
- IT exports crossed ₹ 7.77 Lakh Crore (\$116 Billion) @ ₹ 67/ \$ avg. for the first time in 2016 -17
- Highest ever IT exports of ₹ 8.31 Lakh Crore (\$126 Billion) @ ₹ 66/ \$ avg. in 2017-18 (Estimated)
- Source: NASSCOM Amplify Digital Report 2018



## Revenue of India IT Companies

- Revenues generated by Indian IT sector crossed ₹ 9.38 Lakh Crore (\$140 Billion) @ ₹ 67/ \$ avg. for the first time in 2016-17
- Highest ever revenues of ₹ 11.02 Lakh Crore (\$167 Billion) @ ₹ 66/ \$ avg. in 2017-18
- Source: NASSCOM Amplify Digital Report 2018



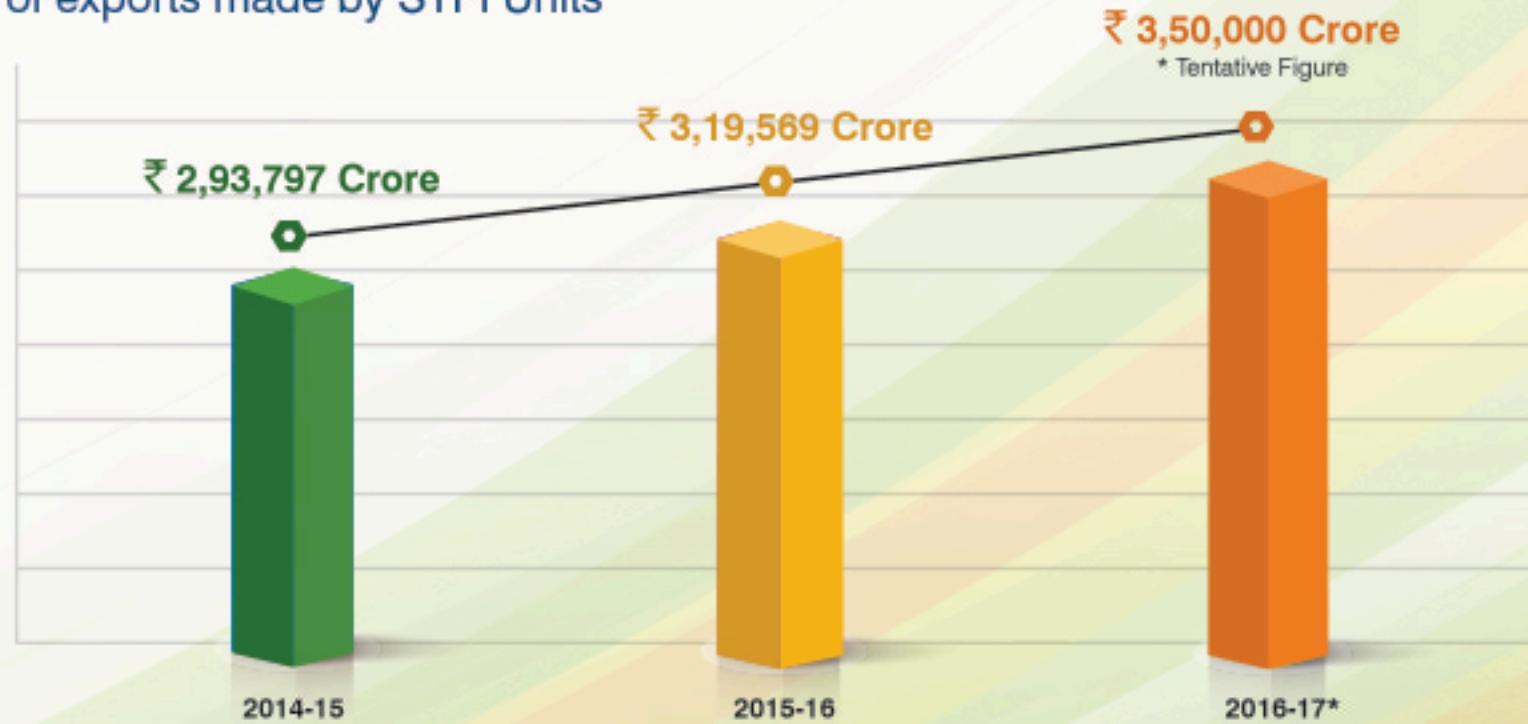
## Indian IT companies

- Indian IT companies present in 200 cities of 80 countries
- Serving two third of Fortune 500 companies
- Creating 40 Lakh direct jobs in India
- Creating 1.3 Crore indirect jobs in India
- 34% of Indian IT workforce comprises of Women



## Software Technology Parks of India (STPI)

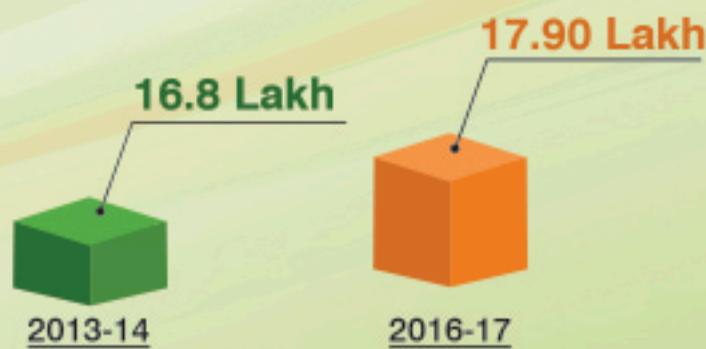
Value of exports made by STPI Units



## Employment Generated by STPI Units

Nearly 50% employment in Indian IT/ITES industry has been generated by STPI registered units.

Employment generated  
by STPI registered units



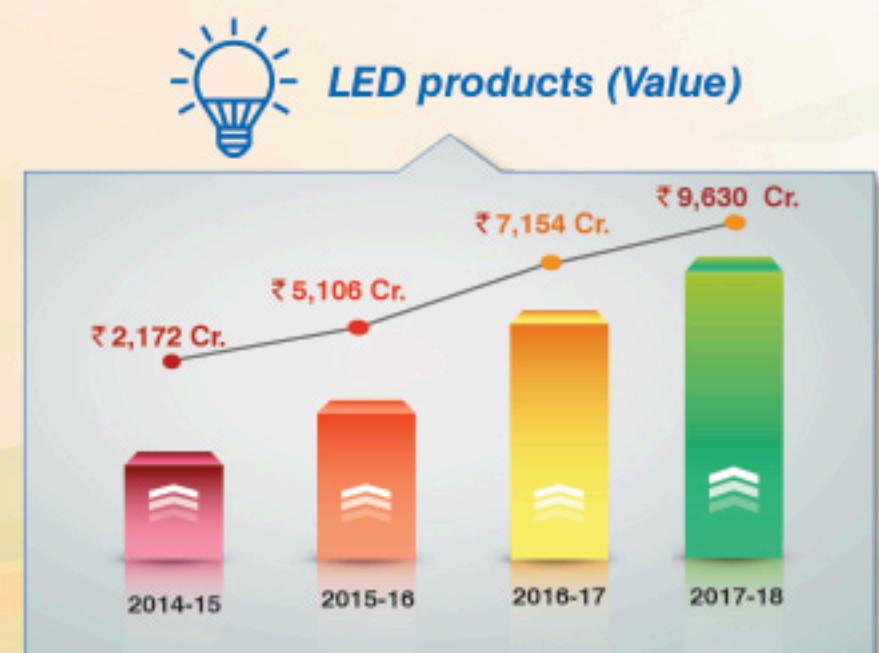
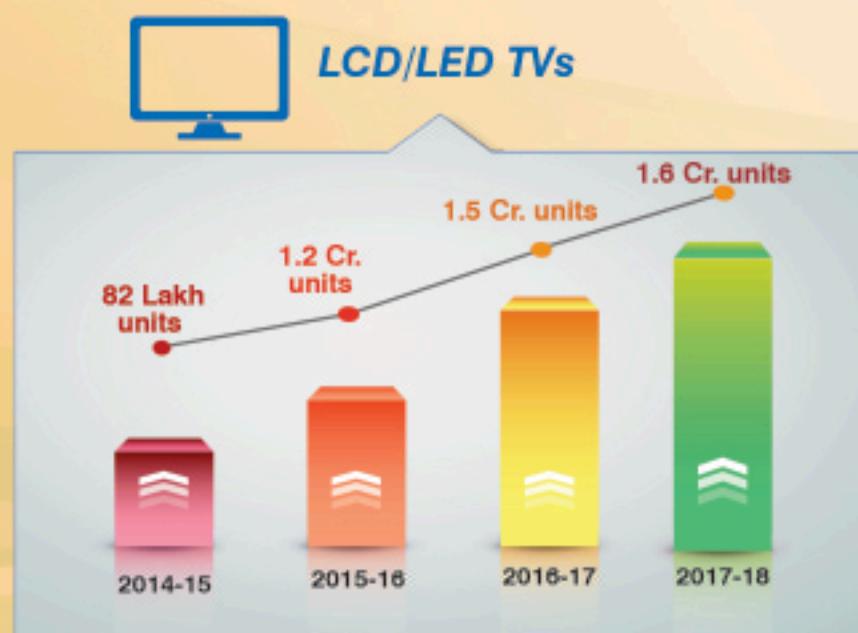
Out of 56 STPI centres, 48 Centres  
are in Tier-II and Tier-III locations

## Growth in Mobile Phone Manufacturing

- 120 mobile phone manufacturing units set up in last 3 years as compared to only 2 units that existed in 2014
- 4.5 Lakh direct jobs and 3 Lakh indirect jobs created



## Growth in Electronics Manufacturing



## Modified Special Incentive Scheme



## Electronics Development Fund

- Launched in February 2016 with corpus of ₹ 2205 Crore
- Established to help Start-ups develop new technology in the field of Electronics, nano-electronics and Information Technology
- The fund aims to achieve zero imports in the fields of electronic system design and manufacturing
- 4 Funds with corpus of ₹ 10,900 Crore and Government contribution of ₹ 1229 crore approved.



## 3rd largest Start-up Ecosystem

- 5000 - 5200 Startups have come up in 4 years.
- 1000+ Startups added in 2017.
- Average funding per Startup touched \$ 6.2 million.
- Nearly 10 of those have entered into unicorn space.
- Initiatives of MEITY like TIDE, creating ESDM specific starts up and setting up incubation centers have created ecosystem for indigenous technology translating into incubation.

\* NASSCOM report



## Growth in eCommerce

- Near 100% growth in e-commerce market.



## Health Management Information System

eHospital

eHospital@NIC



Hospitals

### Major Hospitals

- AIIMS (Delhi, Bhopal, Raipur)
- G B Pant Hospital, Delhi
- Safdarjung, Delhi
- Civil Hospital, Chandigarh
- Regional Institute of Medical Science, Manipur

3.30 Crore Patients Registered Since Sept. 2015

eSushrut

eSushrut@CDAC

### Major Hospitals

- Sawai Man Singh Hospital, Jaipur
- PGI, Chandigarh
- Guru Teg Bahadur Hospital, New Delhi
- Regional Cancer Centre, Thiruvananthapuram
- SGPGI, Lucknow



Hospitals

## Online Registration System



Registration  
in hospitals  
using Aadhaar



146

Total hospitals served

14.55  
Lakh

Total appointments  
Since July 2015

# Digital Agriculture



## Soil Health Card

- National Soil Health Card scheme launched in February 2015
- Information on Soil Health through Digital medium
- Mobile app for Soil Health Card
- 13 Crore Cards issued
- Administered by Ministry of Agriculture, developed by NIC



## eNAM

- 585 Markets in 16 States already integrated
- 93 Lakh Farmers Registered
- 84,000 Traders Registered
- Administered by Ministry of Agriculture developed by NIC



# Digital Literacy



## Pradhan Mantri Gramin Digital Saksharta Abhiyan (PMGDISHA)



PRADHAN  
MANTRI GRAMIN  
DIGITAL SAKSHARTA  
ABHIYAN

Har Ghar e-Sakshar

( PMGDISHA )

Scheme  
for making  
**6 Crore**  
candidates digitally  
literate in  
**2 years**



## Growth in Digital Literacy

Trained Candidates between 2014-2016 under  
National Digital Literacy Mission



20 Thousand



upto 2014

43.2 Lakh



upto 2015

82.7 Lakh



upto 2016

# Digital Education



The image shows the SWAYAM logo at the top left, which includes the text "FREE ONLINE EDUCATION" and "swayam" in blue, with a small book icon above it. Below the logo is a screenshot of the SWAYAM website. The website has a banner that says "SWITCH TO SMART EDUCATION. Learning made easy with SWAYAM. An MHRD initiative". A woman is smiling and holding a tablet, looking towards the camera.

## SWAYAM: Free Online Courses

- Courses from school education to Post-Graduate education
- Offers video lectures and reading materials
- Allows self assessment through tests and quizzes
- Offers online forum for clearing doubts
- Can offer 2000 Courses and 80,000 hours of learning
- Administered by Ministry of Human Resource Development

## National Scholarship Portal

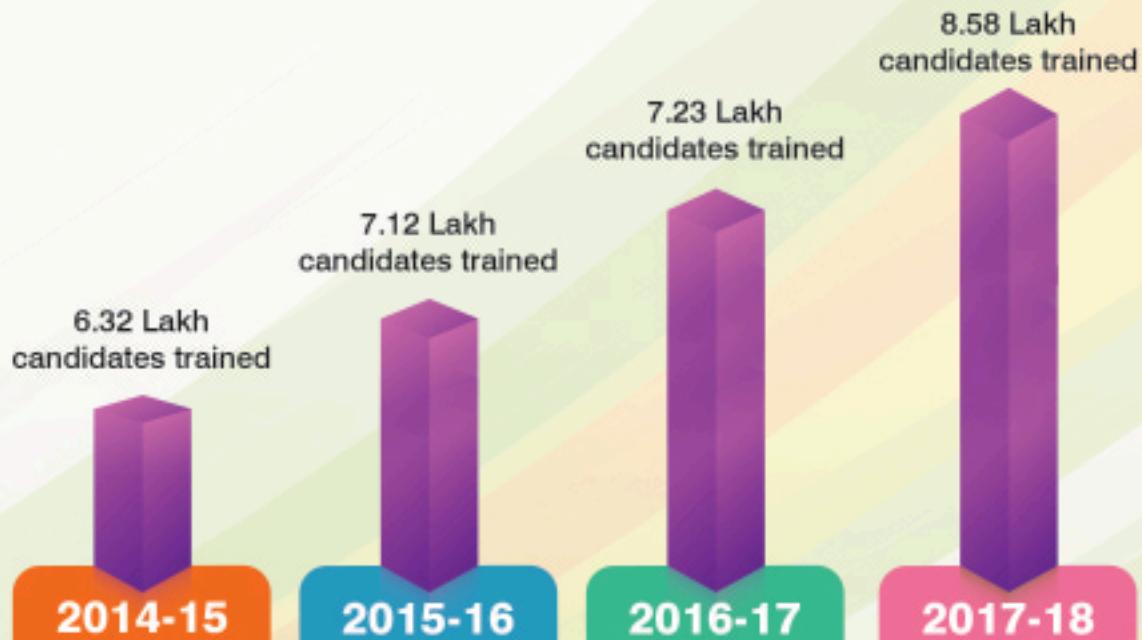
- Operational since AY 2015-16
- 23 registered schemes from 16 ministries/depts.

Year	Beneficiary	Amount in Crore
2015-16	65.84 Lakh	₹ 1699
2016-17	53 Lakh	₹ 1568
2017-18	64.67 Lakh	₹ 1990
<b>Total</b>	<b>1.83 Cr.</b>	<b>₹ 5257</b>

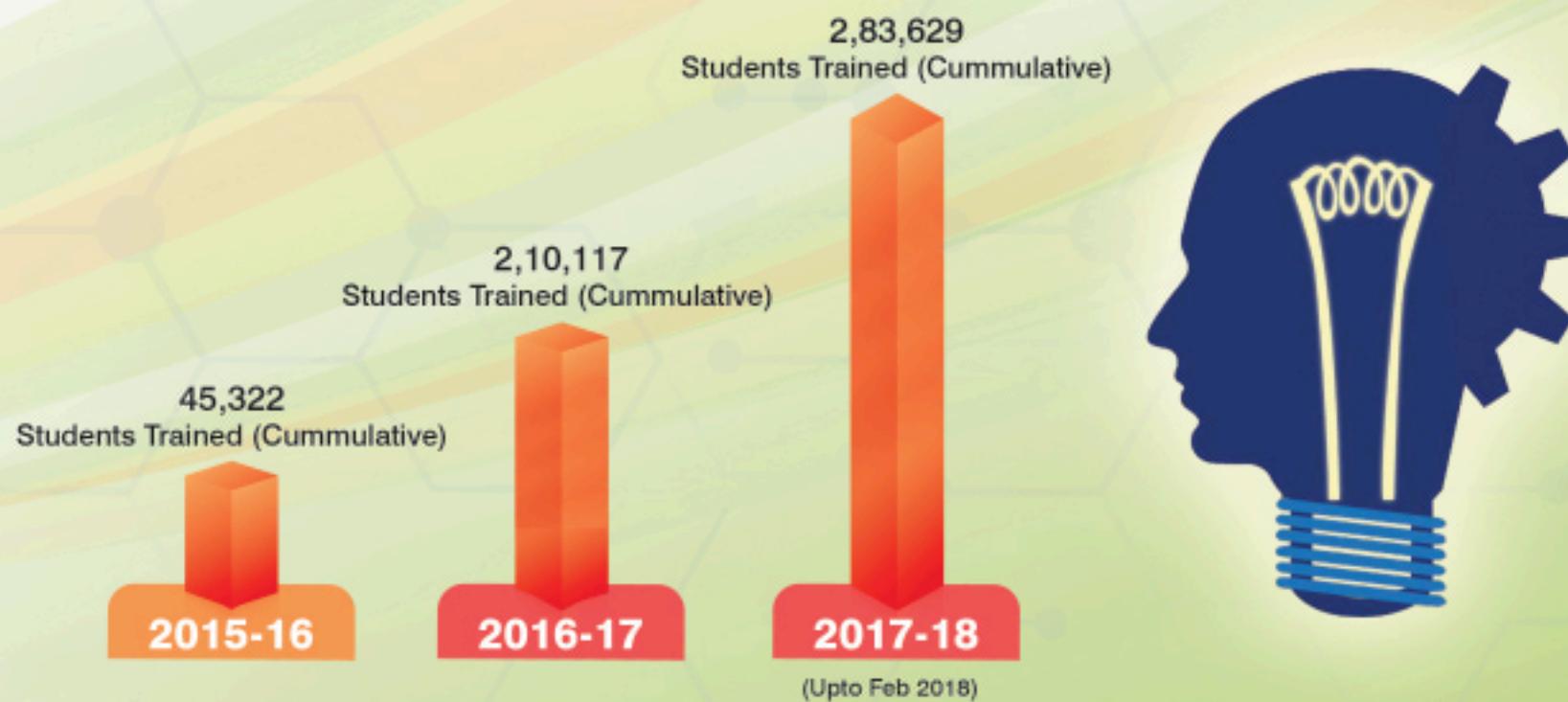


## National Institute of Electronics and Information Technology (NIELIT)

- 36 own centres
- 800 accredited centres
- 9000+ facilitation centres



## Skill Development in Electronic System and Design Manufacturing (ESDM)



## Digital Tourism - eVisa

- E-Visa facility extended to nationals of 161 countries
- Now getting Visa to India becomes easy and online



## Jeevan Pramaan

- Aadhaar Based Biometric Authentication System for Pensioners
- Through Digital Life Certificate there is no need for the pensioner to be present in person before the Pension Dispensing Authority (PDA).



**1.67  
Crore**

Digital Life Certificates  
Submitted since 2014

## UNIQUE DIGITAL PAYMENT INITIATIVES

### BHIM-UPI

- Simple mobile based platform for digital payments.
- BHIM mobile app launched by the government.
- BHIM App Available in 13 languages. more than 82 Lakh users.
- Monthly BHIM-UPI transactions touched a record high of 19 Crore transactions worth ₹ 27,000 Crore in April 2018



### Aadhaar Enabled Payment System (AEPS)

- Aadhaar linked micro ATMs for bank transactions
- Facilitates bank transactions using biometric authentications
- More than 3.87 Lakh AEPS micro ATMs being used for doorstep banking by banking correspondents

2084%  
Growth

10.05 Crore  
March 2018

46 Lakh  
May 2014

Growth in AEPS transactions per months

### BHIM Aadhaar

- For digital payment at merchant outlets
- Payer need not have mobile phone to make digital payment
- Account to account transaction using biometric authentications
- Approx 20 Lakh transactions have been done so far since inception



# Digital Payments



## DIGITAL PAYMENTS INCENTIVE SCHEME

BHIM App Incentive



USE BHIM APP GET  
BHARAT INTERFACE FOR MONEY

CASHBACK

Flat  
**₹ 51**

Cashback on  
First Transaction

UPTO  
**₹ 750**

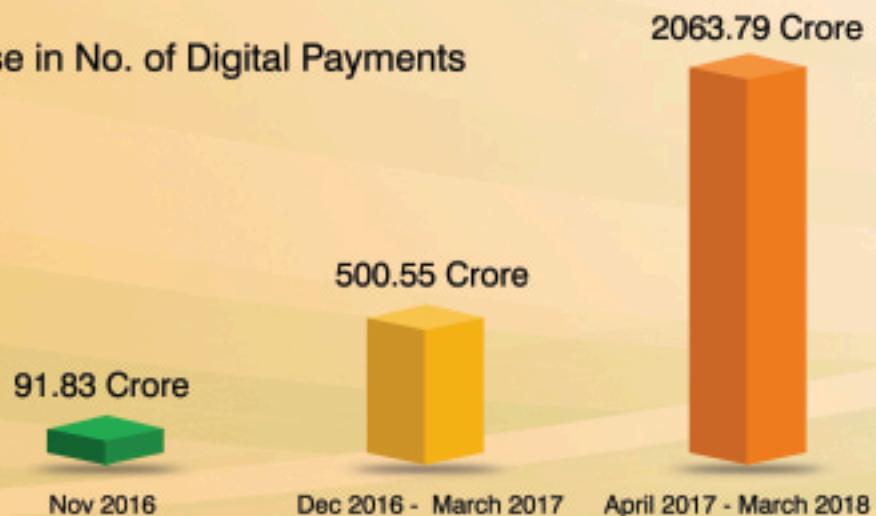
Cashback in a Month  
for Customers

UPTO  
**₹ 1000**

Cashback in a Month  
for Merchants

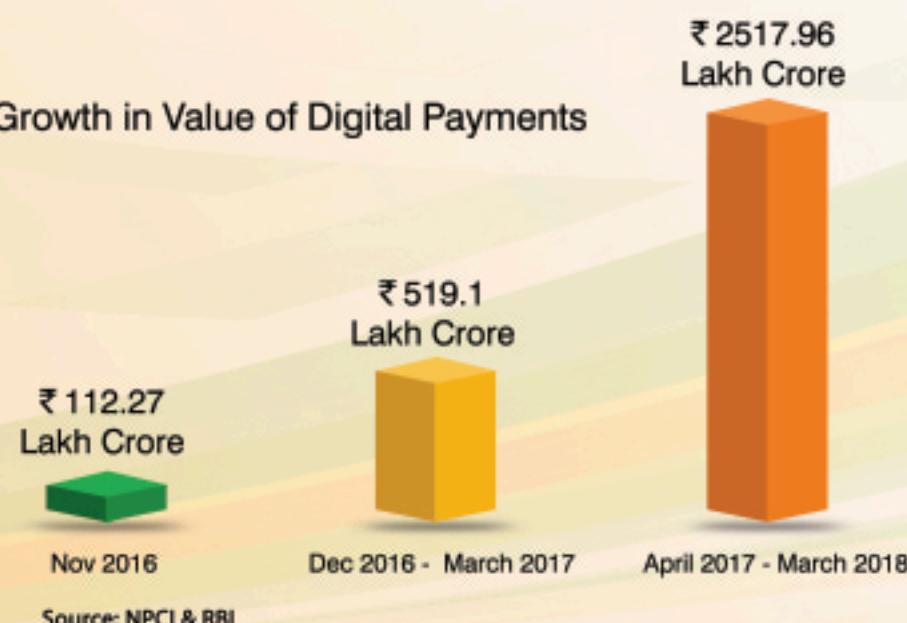
### Growth in Digital Payments

Increase in No. of Digital Payments



Source: NPCI & RBI

Growth in Value of Digital Payments



## Cyber security

- Robust Cyber Security Policy, Information Technology Act and dynamic ICERT (Indian Computer Emergency Response Team).
- National Cyber Coordination Centre made operational in 2017.
- Separate CERT for financial sector and a dedicated Digital Payment Division in CERT to ensure safe and secure digital payment ecosystem.
- Cyber security drills and auditing for assessment of cyber security preparedness of organisations in Government and critical sectors.
- India hosted the Global Conference on Cyber Space in Nov 2017.



## Internet Governance

- Proactive role in endorsing the Multi Stakeholder model in Internet Governance and freedom of Internet.
- Hosted ICANN 57 at Hyderabad in 2016.
- Promoting local languages in Internet.



## Botnet Cleaning and Malware Centre

- The project has been approved with outlay of ₹ 100 Crore. The centre is providing facility to clean botnets in realtime.
- 'Kavach' application can be used by individuals to protect the system against botnets.
- Cyber Swachhta Kendra [www.cyberswachhtakendra.gov.in](http://www.cyberswachhtakendra.gov.in)

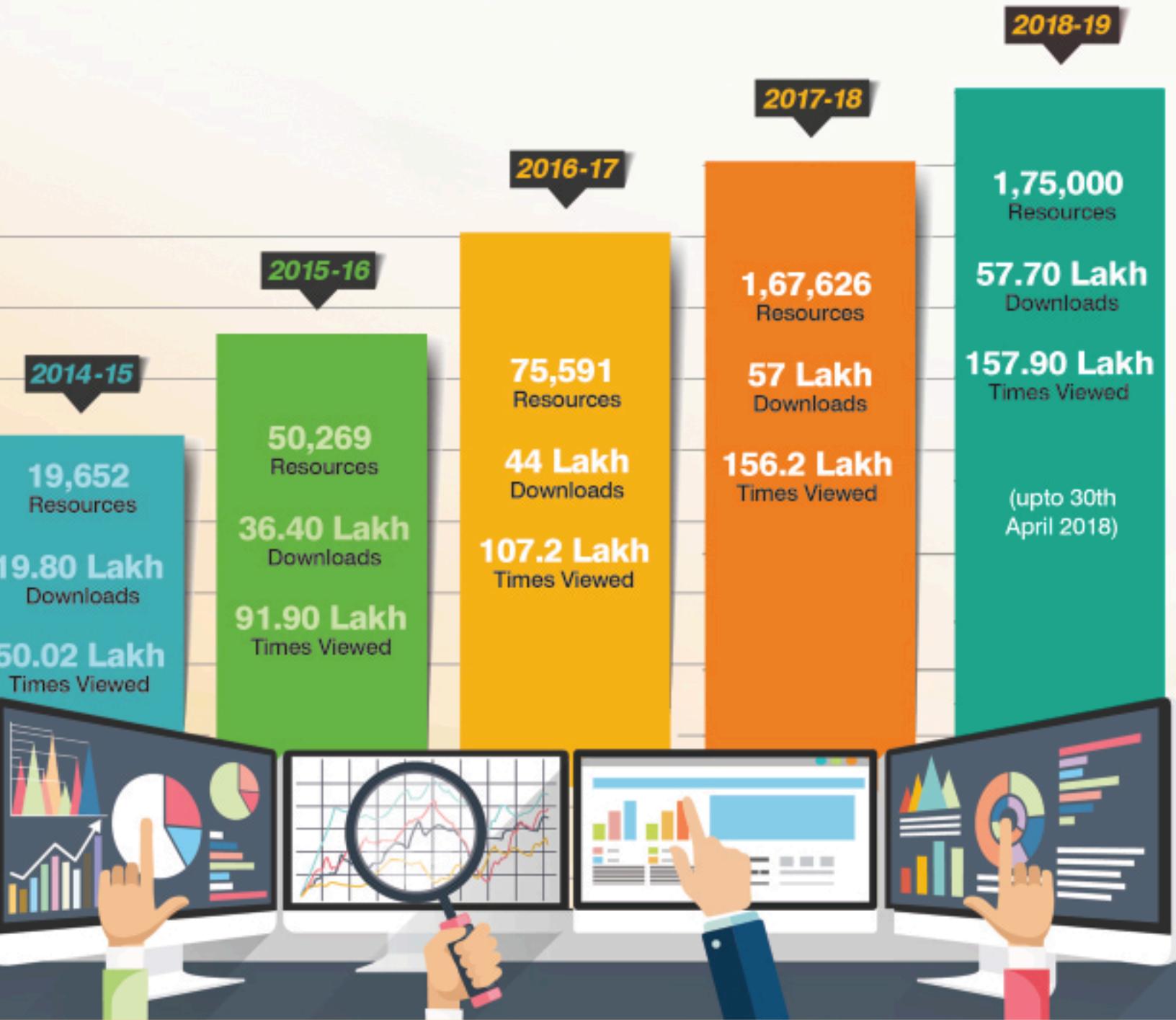


# Digital Open Data



## Open Government Data

The portal is intended to be used by Government of India, Ministries/ Departments, their organizations to publish datasets, documents, services, tools and applications collected by them for public use.

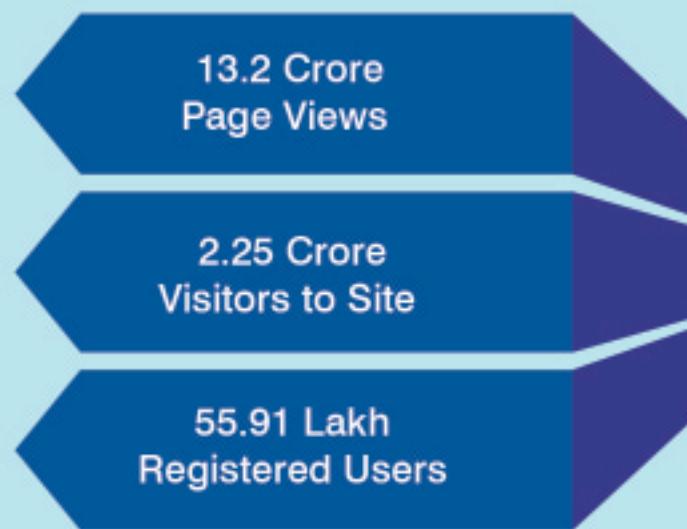


# Digital Democracy



## World's Largest Digital Democracy Platform

Utilizing social media for feedback engagement and grievances



All Central Ministers present on Social Media



## Digital Platform for Citizen - Government Engagement

2017-18

55.91 Lakh users, 64 Groups, 770 Discussion Groups, 743 Tasks

## MANN KI BAAT - Prime Minister's Radio Broadcast



43  
Episodes

Suggestions Received  
10 Lakh

Missed calls on 1922  
15.68 Crore

## 7 Centres of Excellence CoE in emerging technologies

- CoE in Fintech at Chennai
- CoE in IoT in Agriculture at Guwahati and Patna
- CoE in Virtual Reality at Bhubaneshwar
- CoE in Blockchain at Gurugram
- CoE in Medical Technology at Lucknow
- CoE in Electronics Products at Bengaluru
- CoE for R&D in Nanoelectronics at IIT Guwahati



## Committees of Experts in Artificial Intelligence

- Committee on Platforms and Data for AI
- Committee on Leveraging AI for identifying National Missions in Key Sectors
- Committee on Mapping Technological capabilities, key policy enablers required across sectors (Skilling and Re-skilling and R&D).
- Committee on Cyber Security, Safety, Legal and Ethical Issues

## Future Skills

- To prepare India's IT workforce for future technologies.
- Ministry of Electronics and IT and NASSCOM initiative.
- Online learning platform with world class learning modules.
- Content sourced from MIT, Coursera, Edex, IITs.



# Initiatives for Brighter Digital Future



## Road Map for Trillion Dollar Digital Economy

- Government is preparing a detailed road map to develop India into a trillion dollar digital economy in three to five years.
- A team of experts from Government, industry, academia and domain specialists are working on this road map.
- Wide consultations with union government departments, state governments and industry leaders have been held.
- This road map will unleash a new era of digital growth and development.



## Data Protection Law

- Government is working a robust data protection law.
- High level committee of experts headed by a former Supreme Court judge is working on this.
- Recommendations of this high level committee will pave way for a robust, safe and secure data regime in India.



## Digital North East Vision

- A vision document for digital development of the North Eastern states of India is under preparation.
- This will help in tapping the potential of North Eastern states and unleash the digital development in the region.





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Power To Empower



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Designed by PRACHAR



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