New India
Digital India
Achievements of 4 Years of Ministry of Electronics and Information Technology
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

- 22 Crore (June 2014) Smart Phone Users
- 45.6 Crore (March 2018) Mobile Phone Connections
- 90 Crore (June 2014) Internet Users
- 121 Crore (March 2018) Internet Users
- 24.3 Crore (June 2014) Internet Users
- 47.8 Crore (March 2018) Internet Users

Aadhaar – Digital Identity

- 61 Crore (upto 2014) Registered Users
- 121 Crore (upto April 2018) Registered Users

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

- 2013: 64.68 Lakh
- 2014: 96.4 Lakh
- 2015: 2.06 Crore
- 2016: 2.96 Crore
- 2017: 8.42 Crore
- 2018: 8.68 Crore

(As on April 2018)
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 Parliamentary Law

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**

**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.

**DigiLocker**

Registered Users: 1.17 Crore

Uploaded Documents: 1.54 Crore

Issued Documents: 240 Crore

- Registered Users: 1.17 Crore
- Uploaded Documents: 1.54 Crore
- Issued Documents: 240 Crore
- 1640% growth

- 2015-2016: 27 Lakh
- 2016-2017: 87.11 Lakh
- 2017-2018: 4.90 Crore

- Registered Users: 1.17 Crore
- Uploaded Documents: 19.36 Lakh
- Issued Documents: 11.23 Lakh

- Registered Users: 1.17 Crore
- Uploaded Documents: 48.91 Lakh
- Issued Documents: 72.66 Lakh

- Registered Users: 1.17 Crore
- Uploaded Documents: 19.36 Lakh
- Issued Documents: 11.23 Lakh
Digital Inclusion

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

<table>
<thead>
<tr>
<th>Year</th>
<th>CSC Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>83,000</td>
</tr>
<tr>
<td>2015</td>
<td>1.5 Lakh</td>
</tr>
<tr>
<td>2016</td>
<td>2.1 Lakh</td>
</tr>
<tr>
<td>2017</td>
<td>2.5 Lakh</td>
</tr>
<tr>
<td>2018</td>
<td>2.92 Lakh</td>
</tr>
</tbody>
</table>

(upto March)

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, Dalsinghsarai, 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.
Digital Industry

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

- 2014-15: ₹2,93,797 Crore
- 2015-16: ₹3,19,569 Crore
- 2016-17*: ₹3,50,000 Crore
  * Tentative Figure

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:
  - 2013-14: 16.8 Lakh
  - 2016-17: 17.90 Lakh

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

Increase in Nos.

<table>
<thead>
<tr>
<th>Year</th>
<th>Mobile handset (nos.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014-15</td>
<td>6 Crore units</td>
</tr>
<tr>
<td>2015-16</td>
<td>11 Crore units</td>
</tr>
<tr>
<td>2016-17</td>
<td>17.5 Crore units</td>
</tr>
<tr>
<td>2017-18</td>
<td>22.5 Crore units</td>
</tr>
</tbody>
</table>

Increase in Value

<table>
<thead>
<tr>
<th>Year</th>
<th>Mobile handset (value terms)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014-15</td>
<td>₹18,992 Crore</td>
</tr>
<tr>
<td>2015-16</td>
<td>₹54,179 Crore</td>
</tr>
<tr>
<td>2016-17</td>
<td>₹89,756 Crore</td>
</tr>
<tr>
<td>2017-18</td>
<td>₹1,32,000 Crore</td>
</tr>
</tbody>
</table>

Growth in Electronics Manufacturing

**LCD/LED TVs**

- 82 Lakh units
- 1.2 Crore units
- 1.5 Crore units
- 1.6 Cr. units

**LED products (Value)**

- ₹2,172 Cr.
- ₹5,106 Cr.
- ₹7,154 Cr.
- ₹9,630 Cr.
**Modified Special Incentive Scheme**

<table>
<thead>
<tr>
<th>No. of Investment Proposals</th>
<th>Investments (₹ Crore)</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>upto April 2014</td>
</tr>
<tr>
<td>243</td>
<td>upto March 2018</td>
</tr>
<tr>
<td>11 Thousand Crore</td>
<td>upto April 2014</td>
</tr>
<tr>
<td>1.43 Lakh Crore</td>
<td>upto May 2017</td>
</tr>
<tr>
<td>1.57 Lakh Crore</td>
<td>upto Mar 2018</td>
</tr>
</tbody>
</table>

**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.
Digital Start-ups

3rd largest Start-up Ecosystem

- More than 5000 - 5200 Startups have come up in 4 years.
- Average funding per Startup touched $ 6.2 million.
- Nearly 10 of those have entered into unicorn space (worth $1 Billion).
- 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.

- ₹ 1.26 Lakh Crore
- ₹ 2.11 Lakh Crore
- ₹ 7.78 Lakh Crore

Dec 2015
Dec 2016
2020*

*KPMG Estimate
Digital Health

Health Management Information System

**eHospital**

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

**eSushrut**

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

**Online Registration System**

- Registration in hospitals using Aadhaar
- 146 Total hospitals served
- 14.55 Lakh Total appointments since July 2015
- 3.30 Crore Patients Registered since Sept. 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
Pradhan Mantri Gramin Digital Saksharta Abhiyan (PMGDISHA)

Scheme for making 6 Crore candidates digitally literate in 2 years

Enrolled for training 1.23 Crore
Trained candidates 1.22 Crore
Certified candidates 61 Lakh

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
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.

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

Over 1.83 Crore Registered Students
Digital Skilling

National Institute of Electronics and Information Technology (NIELIT)
- 36 own centres
- 800 accredited centres
- 9000+ facilitation centres
- 6.32 Lakh candidates trained (2014-15)
- 7.12 Lakh candidates trained (2015-16)
- 7.23 Lakh candidates trained (2016-17)
- 8.58 Lakh candidates trained (2017-18)

Skill Development in Electronic System and Design Manufacturing (ESDM)
- 2,83,629 Students Trained (Cumulative)
- 2,10,117 Students Trained (Cumulative) (2016-17)
- 45,322 Students Trained (Cumulative) (2015-16)
- 2017-18 (Upto Feb 2018)
Digital Services

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 active users.
- Monthly BHIM-UPI transactions touched a record high of 19 Crore transactions worth ₹ 27,000 Crore in April 2018.

(A as on 31st March 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

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

10.05 Crore
March 2018

46 Lakh
May 2014
DIGITAL PAYMENTS INCENTIVE SCHEME

BHIM App Incentive

USE BHIM APP GET 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:
  - Nov 2016: 91.83 Crore
  - Dec 2016 - March 2017: 500.55 Crore
  - April 2017 - March 2018: 2063.79 Crore

- Growth in Value of Digital Payments:
  - Nov 2016: ₹ 112.27 Lakh Crore
  - Dec 2016 - March 2017: ₹ 519.1 Lakh Crore
  - April 2017 - March 2018: ₹ 2517.96 Lakh Crore

Source: NPCI & RBI
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
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.

2014-15
- 19,652 Resources
- 19.80 Lakh Downloads
- 50.02 Lakh Times Viewed

2015-16
- 50,269 Resources
- 36.40 Lakh Downloads
- 91.90 Lakh Times Viewed

2016-17
- 75,591 Resources
- 44 Lakh Downloads
- 107.2 Lakh Times Viewed

2017-18
- 1,67,626 Resources
- 57 Lakh Downloads
- 156.2 Lakh Times Viewed

2018-19
- 1,75,000 Resources
- 57.70 Lakh Downloads
- 157.90 Lakh Times Viewed (upto 30th April 2018)

4,116 catalogs published by
105 Ministries/Departments (81 Central & 24 States)
Digital Democracy

World’s Largest Digital Democracy Platform

Utilizing social media for feedback engagement and grievances

- 13.2 Crore Page Views
- 2.25 Crore Visitors to Site
- 55.91 Lakh Registered Users

All Central Ministers present on Social Media

- 2.22 Lakh Submissions in 743 Tasks
- 38.70 Lakh Comments
- 770 Discussion

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 that is expected to sustain around 5 - to 6 Crore jobs.

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.