

**MINISTRY OF ELECTRONICS & IT****Stree Swabhiman**

- Stree Swabhiman is an initiative for promoting women's menstrual health and hygiene.
- Under this initiative, Common Service Centres (CSC) will provide access to affordable, reliable and modern (eco-friendly) sanitary napkins to adolescent girls and women in rural areas.
- The initiative is driven by awareness and personalized outreach by women entrepreneurs who produce and market sanitary napkins by village level entrepreneurs (VLE) and self help groups.
- VLE will distribute the pads to girls in the primary and secondary schools in their village, encompassing girls from 7th to 12th grade.
- Under this initiative, semi-automatic and manual sanitary napkin manufacturing units will be set up at CSC for producing sanitary napkins.
- The manufacturing unit will be operated by women entrepreneurs and generate employment for women.
- Thus the scheme is conceptualized to create avenues for the rural and semi-urban women to become self-reliant and also progress towards a healthy eco-friendly lifestyle.

**UMANG App**

- Unified Mobile Application for New-age Governance (UMANG) mobile app allow citizens to access government services on a single platform.
- The services live on the app include Aadhaar, DigiLocker, Bharat Bill Payment System (BBPS) among others.
- It is expected to provide access to over 1,200 services of various government organisations in states and at the Centre as well as utility payments.
- Using the app, citizens will be able to access Employees Provident Fund Organisation (EPFO) services, apply for a new PAN, and can register under the Pradhan Mantri Kaushal Vikas Yojana.
- The app is developed and operated by **National e-Governance** Division of MeitY.

**UAN-Aadhar linkage**

- Employee Provident Fund Organization has launched the facility of linking Aadhaar with universal account number (UAN), through UMANG mobile app.
- UAN is a unique 12-digit number assigned to an employee by EPFO India.
- UAN helps employees manage their provident fund accounts online with ease and hassle free.
- When an employee changes an organization, his/her mutual fund member ID also changes.
- UAN was introduced to link multiple Member Identification Numbers allotted to a single individual by the employer.

**National Supercomputing Mission**

- The mission aims to connect national academic and R&D institutions with a supercomputing grid of over 70 high-performance computing facilities.
- Supercomputers will be installed across the country and will be networked on the National Supercomputing grid over the National Knowledge Network (NKN).

- It will be implemented by the Department of Science and Technology and Department of Electronics and Information Technology (DeitY) through Centre for Development of Advanced Computing (C-DAC) and IISc, Bangalore.
- The Mission also includes development of highly professional High Performance Computing (HPC) aware human resource for meeting challenges of development of these applications.
- The NKN is another programme of the government which connects academic institutions and R&D labs over a high speed network.
- India has recently granted contract to French technology firm to build 70 supercomputers under the National Supercomputing Mission.

### First NIC-CERT

- National Informatics Centre (NIC) provides nationwide common ICT infrastructure consisting of national and state —Data Centres to support e-Governance services to the citizen.
- National Knowledge Network (NKN) has been set up to connect institutions/organizations carrying out R&D, Higher Education and Governance with speed of the order of multi Gigabits per second.
- Computer Emergency Response Team (CERT) is under the Ministry of Electronics and Information Technology.
- It has been designated to serve as the national agency to collect, analyse and disseminate information on cyber incidents.
- Country's first NIC-CERT has been recently setup that will monitor, detect and prevent cyber attacks on government networks
- It uses various tools to gather intelligence to identify vulnerabilities and possible exploits thereby predicting cyber incidents.

### Modified Special Incentive Package Scheme

- M-SIPS scheme aims to provide a special incentive package to boost domestic electronic product manufacturing sector and move towards Union Government's goal of 'Net Zero imports' in electronics by 2020.
- It promotes large scale manufacturing in the Electronics System Design and Manufacturing (ESDM) sector by
  1. Providing subsidy for capital expenditure upto 20% for investment in SEZ and 25% in non-SEZs.
  2. Providing reimbursement of duties and central taxes for projects with high capital investments.
- The incentives will be available for investments made within 5 years from the date of approval of the project.
- Unit receiving incentive will provide undertaking to remain in commercial production for at least 3 years.

### Jatan and Darshak

- Centre for Development for Advanced Computing (C-DAC), has developed software named —Jatan that is set to revolutionize museum experience.
- The latest technology will help online visitors get a 3-Dimensional (3D) view of hundreds of artifacts displayed at the museums. The software will enable virtual tours to museums.

- The group has developed —Darshakl, a mobile-based application, aimed at improving the museum visit experience among the differently-abled.
- It allows real-time museum visitors gather all details about objects or artifacts simply by scanning a QR code placed near the object.
- C-DAC is the premier R&D organization of the **Ministry of Electronics and Information Technology (MeitY)** for carrying out R&D in IT, Electronics and associated areas.

### Digital India

- It is a programme to transform India into digital empowered society and knowledge economy.
- The scheme is coordinated by the department of Electronics and IT and implemented by all government departments.
- The scheme is to be monitored by a Digital India committee comprised of several ministers.
- The programme will be implemented in phases from the current year till 2018.
- Digital India has three core components. These includes
  1. The creation of digital infrastructure,
  2. Delivering services digitally,
  3. Digital literacy
- 9 Key points of Digital India Programme are
  1. Universal Access to Phones
  2. Broadband Highways
  3. Public Internet Access Programme
  4. e-Governance – Reforming government through Technology
  5. e-Kranti – Electronic delivery of services
  6. Information for All.
  7. Electronics Manufacturing – Target NET ZERO Imports
  8. IT for Jobs
  9. Early Harvest Programmes
- It is an umbrella programme which includes the hitherto National Optical Fiber Network (NOFN) to connect 2,50,000 gram Panchayats by providing internet connectivity to all citizens.
- Digital India includes development of an electronic development fund and envisages Net-Zero Electronics Import Target by 2020.

### Common Service Centres (CSC)

- Common Services Centers (CSC) scheme is one of the mission mode projects under the **Digital India Programme, Ministry of Electronics and IT.**
- CSCs are the access points for delivery of **Government to Citizen** essential public utility services, social welfare schemes, healthcare, financial, education and agriculture services, apart from **host of B2C services** to citizens in rural and remote areas of the country.

### Cyber Swachhta Kendra

- It is a malware analysis centre aims to create a secure cyber space by detecting botnet infections in India and to notify, enable cleaning and securing systems of end-users to prevent further infections.
- The systems will be scanned by the Computer Emergency Response Team (CERT-in) for free of all those users who register to the CSK website.
- This centre will work in coordination with the internet service providers (ISPs) and Industry.
- This Kendra will also enhance awareness among citizens regarding botnet and malware infection along with measures to be taken to secure their devices.
- It is part of Digital India initiative.

### Cyber Surakshit Bharat

- It aims to spread awareness about cybercrime and building capacity for safety measures for Chief Information Security Officers (CISOs) and frontline IT staff across all government departments.
- It is the first PPP of its kind and will leverage the expertise of the IT industry in cybersecurity.
- It aims to conduct a series of training programs for departments in State and Union governments, Public Sector Banks, and technical arms of the Air Force, Army and Navy.

### Cyber Shikshaa Initiative

- Project Cyber Shikshaa focus on skilling **women engineering graduates** in the niche field of Cyber Security.
- It is launched by Microsoft & Data Security Council of India (DSCI) in association with Ministry of Electronics & IT (MeitY).
- The primary objective is to connect with underserved women from Tier 2 / Tier 3 cities and to align a career path for them in Cyber Security.
- Centre of Advance Computing (CDAC) will impart training to the selected women candidates from all over India.
- Initially, the project will be rolled out in the following cities - Noida, Patna, Hyderabad and Mohali, followed by other cities in the next phase.
- The program will be a 4-months interactive training course with combination of theory, case studies practical hands-on and projects.

### Pradhan Mantri Gramin Digital Saksharta Abhiyan

- PMGDISHA is the new scheme to make rural households **digitally literate by 2019**.
- This scheme is initiated under Digital India Programme and expected to be one of the largest digital literacy programs in the world.
- It would empower the citizens by providing them access to information, knowledge and skills for operating computers/digital access devices.

### India BPO Promotion Scheme

- IBPS aims at setting up business process outsourcing (BPO) units in rural areas to secure balanced regional growth of the industry.
- It is under the Digital India Programme to create employment opportunities for the youth living in rural areas so that they do not need to migrate to urban clusters.
- It provides capital support along with special incentives up to Rs 1 lakh in the form of viability gap funding (VGF) to companies to create BPO units.

- Disbursement of financial support under the schemes is directly linked with employment generation.
- It provides special incentives for employment to women and Divyang, setting up operations in towns other than capital towns, generating employment beyond target and promoting local entrepreneurship.
- There are also special provisions for the Himalayan states of Jammu & Kashmir, Himachal Pradesh and Uttarakhand
- Metro cities such as Bengaluru, Chennai, Hyderabad, Kolkata, Mumbai, National Capital Region (NCR), and Pune, along with their urban agglomeration were excluded.

### North East BPO promotion Scheme

- NEBPS is envisaged under Digital India Programme , seeks to incentivize establishment of 5,000 seats in respect of BPOs and IT Enabled Service operations in North East Region (NER).
- NEBPS provides the financial supports and special incentives in the form of **Viability Gap Funding (VGF)** to eligible Companies based on generation of new employment and economic activity in ITES sector.
- **Financial Support** – It provides up to 50% of expenditure incurred on BPO/ITES operations towards capital expenditure and/or operational expenditure subject to an **upper ceiling of Rs. 1 Lakh/Seat**.
- **Special Incentives** – It provides financial support of Rs.1 Lakh/Seat for training expenditure and providing employment to Women and Persons with disability.
- **Incentive for promoting local entrepreneur** - Special Incentive (5% of eligible financial support) for units setting up BPO/ITES operations as a consortium with local entrepreneur
- A Company seeking to avail financial support under this scheme, shall be under obligation not to claim the similar financial support from any other Scheme of the Central/State Government concerned.
- Software Technology Parks of India (STPI) is the implementing agency of the India BPO promotion Scheme and North East BPO promotion Scheme.
- STPI is a society established in 1991 by the **MeitY** with the objective of encouraging, promoting and boosting the export of software from India.

### Jeevan Pramaan

- One of the main requisites for the pensioners to avail pension is to provide Life Certificates (LCs).
- Jeevan Pramaan aims to streamline the process of getting LCs by making it hassle free and easier to get.
- It is an AADHAR Biometric Authentication based **digital life certificates for Pensioners** and facilitates online submission.
- It will do away with the requirement of a pensioner having to submit a physical LC every year, in order to ensure continuity of pension being credited into their account.
- Digital Submission also ensures authenticity of pension payments.

### Digi Locker

- A secure dedicated personal electronic space for storing the documents of resident Indian citizens will be created.
- It is to provide citizens a shareable private space on a public cloud.

- The space can be utilized for storing personal documents like University certificates, PAN cards, voter id cards, etc., and the URI's of the e-documents issued by various issuer departments.
- It is a platform for issuance and verification of documents & certificates in a digital way, thus eliminating the use of physical documents.
- There is also an associated facility for e-signing documents.

### **Visvesvaraya PhD Scheme**

- It is launched with the intent to enhance India's competitiveness in knowledge intensive sectors.
- Its objective is to enhance the number of PhDs in Electronics System Design & Manufacturing (ESDM) and IT/IT Enabled Services (IT/ITES) sectors in the country.
- The salient features of the scheme are
  1. 25% more fellowship amount than most of the other PhD Schemes.
  2. Part-time PhD candidates get onetime incentive on completion of the PhD.
  3. Supports 200 Young Faculty Research Fellowships in the areas of ESDM and IT/ITES with the objective to retain and attract bright young faculty members in these sectors.

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