



Digital India: Services

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Abstract: This paper throws a light on the concept of digital India. Today is the world of globalisation and modernisation. Every country wants to get the first place in the race of advancement. And this cannot be achieved by neglecting technology. Technology plays an important role in the development of any country. One example of the technology is the invention of the computer. Computer is a machine that has made the life of the common man very easy. Digital India campaign is also an example of using technology in daily life activities. The objective behind digital India is to make the country digitally strong. Under the programme of digital India, many services are provided. To discuss these services one by one is not an easy task. So, some of the services are covered under this research paper. Today, every educated or uneducated man wants to use the technology in his daily life because it reduces the complexities of life by saving time and money. Moreover, it enhances the knowledge. The vision behind doing all these efforts is to empower the each person with digital technology and knowledge.

Keywords: Digital India

What is digital India

Digital India is a programme announced by P.M. Narendra Modi's government for preparing India digitally and economically. This programme has implemented by Ministry of Electronics and information technology. It will lay its impact on other departments such as rural development, human resources and so on. This programme will be beneficial for all states and union territories. It would make sure that services are available to every citizen electronically. It would also ensure delivery of services to public electronically. [5]

Services under Digital India Programme

Accessible India Campaign

It is a national level campaign of the department of empowerment of persons with disabilities, ministry of social justice and empowerment. The aim of the campaign is to make a safe and barrier free environment for disabled persons all over the country. The physical, social and structural barriers prevent such persons from participating equally in the socio-cultural and economic activities. This campaign has been divided into three parts. Built environment accessibility component covers accessibility audit 20-25 most important govt. buildings in 50 cities making 50% of govt buildings of NCT fully accessible by Dec. 2018. Transport accessibility component aims at

making all international airports fully accessible. And accessibility of information and communication system is third feature of accessible India campaign.



Figure1: Accessible India Campaign

Agri-Market App

AGRIMARKET APP is a mobile application that is used to aware the farmers about the prices of the crops and to minimise the burden and the problems that they have to face in the market. By using this app, within the range of 50km of their place, they can get any type of information related the prices of the crops. This app utilised the GPS system, captures the farmer's location and present the information of prices. [1]

Bharat Interface for Money

Bharat Interface for Money is an app that makes the transactions simple, easy and quick by using Unified Payments Interface UPI. A person can make bank to bank payments and collect and pay money by using his/her mobile no. or Virtual Payment Address VPA. A user can send money, request money, scan QR code and pay, check transactions, make profile address, see bank account and use up to 8 regional languages. [3]

Crime and Criminal Tracking Network and Systems

CCTNS is a project under the National e-Governance plan of Govt. of India. It aims at making the functioning of police citizen friendly and transparent, improve the delivery of citizen-centric services by the effective use of ICT, sharing of information among police stations, Districts, State/UT headquarters, assistance of senior police officers, improve the functioning of police in various fields like traffic management, law and order.[5]

Crop Insurance Mobile App

This app is used to calculate the insurance premium for the crops that are based on specific area, coverage amount and loan amount in case of the loanee farmer. This app can also be used to get information or details of normal sum insured, subsidy information and extended sum insured of any of the notified crop in any area. [3]

Digital AIIMS

In Jan, 2015, the first step was taken towards the digital AIIMS project with the creation of the link between AIIMS, Unique Identification Authority of India (UIDAI) and the ministry of electronics and information technology (MEIT). A unique health identification number is generated on an Aadhar platform for every patient visiting AIMS. The patient can log into the AIMS OPD appointment system and can submit a request for his/her appointment by using his/her Aadhar card no. [3]

e-Panchayat

It is a functional and active digital platform. The working stations are designed and created for each and every panchayat in India. The objective of e-panchayat is to improve the functioning of on day to day basis through the two way flow of content and information, to create a digital data house for every panchayat, to put every panchayat of India on the global digital map, growth of panchayat tourism, e-commerce of local produce, to create ICT environment in every village panchayat.

e-Hospital

In e-hospital, there is an online registration system (ORS). By this ORS framework, all the hospitals across India are connected. Any person can get information about lab reports, Blood availability and doctor appointments. This whole process is based on Aadhar no. It is cloud base service launched by NIC. In this, patient can get appointments with the different sections of the hospital. [1]

e-NAM

National Agriculture Market is an Indian electronic trading portal which connects the APMC mandis to generate a national market for the agricultural commodities. This portal provides service for APMC related service and information. It includes commodity arrivals and prices, buy and sell trade offers among all the other services. The objective of NAM is to provide a national e-market platform for transparent sale transactions and also price delivery in markets. [1]

e-Visa

e-Visa is an initiative that has taken by the ministry of tourism. This is the process to send the application through online. Now, there is no need to take help of the middlemen who charge money for this process. This effort provides the facility of applying for Indian visa from their home country to visitors. [3]

Fertilizer Monitoring System

This is the software that keeps an eye on the movement and process of various fertilizers at the various stages. This software helps in providing the information on different

fertilizers companies, rate of concession, details of despatch etc. [3]

Geographical Information System

Geographical information system is the software that is used to collect, organise, present and analyse the data on the geographical and spatial features. This software is beneficial for producing maps and getting information on any geographical area. [3]

Goods and Service Tax Network

GST is a progressive tax regime with great efficiencies to broaden the tax base and to decrease sudden effects and to reduce revenue leakages. It is expected to bring in uniform tax rates and provisions to simplify the requirements across the country. [4]

Himmat App

Himmat app is an initiative taken by Delhi police to ensure safety of the women and to provide help to them in case of danger by assessing their location from their mobile network. For using this app, one has to download this app into their android and smart phones and after downloading, one has to add specified contact numbers including the contact numbers of police, parents, friends and relatives into this app. As himmat is an emergency application and whenever someone find himself into danger then one can send emergency message to the specified contact numbers along with their address details. Police can get SOS alert and location and can help the person in danger well in time. so this app is one of the best to ensure women safety and to tackle the crime and criminals.

Khoya Paya

Khoya paya is a citizen based website to exchange information on missing and found children. It has been developed by the Ministry of Women and Child Development and the Department of Electronics and Information Technology (DEIT). This website provides platform to report missing children and to find them without wasting much time. The found children can also be reported on the website. Whenever a child is found then his photograph is uploaded over this website and this helps the police to find the real parents of the child and to hand over the child to them. The medium of exchanging information over this website is to upload their reports, photographs, videos etc. of the missing and found children over this website. [3]

Kisan Suvidha

Kisan suvidha is a mobile app to provided relevant information to all the farmers about their various queries such as crops, seeds, fertilizers, weather, and market prices of the various crops on nearby places as well as in other states or all over India. This app also updates the farmers regarding various kinds of agricultural machinery, their uses, and their co-operation in productivity enhancements.

Knowledge Management System

The aim of digital India programme is to 'Transform India into a Digitally Empowered Society and Knowledge Economy'. To achieve this target knowledge management portal is established to transfer, share, understand, use and

reuse the knowledge over computer networks or internet. Through this system data is transferred or transmitted into knowledge efficiently and systematically and everyone can share this knowledge without any restrictions.

Learning Management System

This system facilitates e- learning.LMS is a software application for the administration, reporting, preparation, documentation, tracking and delivery of electronic courses. LMS efficiently administer e-learning programmes and manage the learning needs of various government officials at centre, state and union level territories. Its main aim is to provide knowledge and enhance knowledge.

Madad App

Consular service management system has been set up to help Indian citizen so that they can lof in and track grievances pertaining to the consular services offered by the Indian embassies abroad. Ministry of External Affairs (MEA) with a view to provide mobile enablement of MADAD has launched MADAD Mobile Application on Android, IOS, and Windows platforms. [3]

m-Kavach

MKAVACH is a comprehensive mobile security solution. It provide security to mobile devices from various security threats such as theft, data compromise, miss utilisation of data and other hardware resources. MKavach has unique features such as secure data storage, application manager, anti theft, call/sms filter, and authorized access to device resources like Wi-Fi, Bluetooth & Camera.

m-Rakatkosh

This web based mechanism interconnects all the banks of the state into one network. The integrated blood bank MIS provides information regarding blood donation and transfusion services. One can go through this app and find the sources where he can donate or obtain blood during emergencies.

National Career Service Portal

This is a web based portal to help the youth to build their career. It is a national ICT based portal to connect the aspirations of the youth with the opportunities. To get benefit from this, one has to do registration in this portal. This portal facilitates registration of job seekers, job providers, skill providers, career counsellors; etc.it also provides job matching facility. Career counselling services are also there. This portal provides all these services through mobile devices, career centres etc. [3]

National Ujala Dashboard

It is a Govt. of India's effort to spread the message of energy efficiency in the country. Ujala scheme aims to promote the efficient use of energy at the residential level. It also enhances the awareness among consumers to use energy efficient equipments and appliances. [3]

National Voters Service Portal

The portal was developed with an aim to provide all the electors services under one roof or at a single window. Through NVSP, a user can avail and access various services

such as access the electoral list, apply for voter id card, apply online for corrections in voter's card, view details of Polling booth, Assembly Constituency and Parliamentary constituency, and get the contact details of Booth Level officer, Electoral Registration Officer, among other service at a single website. [3]

Online Labs

These labs provide the facility to school students to conduct experiments over the internet.

These labs are designed to overcome the limitations of the traditional physics and chemistry labs. These labs reduce the experimental costs and provide freedom to the students to conduct experiments as many times as they want.

Passport Seva Project

This project simplifies the passport services in India. Traditionally, obtaining passport is a cumbersome process in India but with the launching of passport seva, one can get online appointment for the passport office by logging in official website of passport seva and can get verify all his documents at the passport office on the appointment day and can fulfil all the related formalities in no time. Passport office integrates police department for the physical verification of applicants' credentials and postal department for the delivery of the passport. Passport seva project provides best class experience e to Indian citizens. [3]

Project Monitoring Website for E-courts

To streamline the day to day activities of 700 courts in Delhi, Mumbai, Kolkata and Chennai, 900 courts in the 29 capital city courts of states and UTs and 13000 district and subordinate courts.

Shala Siddhi

It is a school based programme to evaluate the comprehensive school performance for the improvement of the school Developed by the National University of Educational Planning and Administration (NUEPA), it aims to enable schools to evaluate their performance in a more focused and strategic manner so as to provide more valuable and professional service to the society. [3]

SMS based Mid day Meal Monitoring Scheme

Mid day meal mobile app is meant for effective monitoring of daily and monthly mid day meal data to be sent by the school. This app provides additional information to the teacher in charge who has to send the daily or monthly data regarding mid day meal using sms. This scheme helps to monitor mid day meal programme. [3]

Swatch Bhaarat App

Swatch bhaarat is a national movement in which all the citizens take active participation in cleanliness activities. The dream of clean India was seen by Mahatma Gandhi and now all the Government departments take active part in this abhiyaan alone with all the NGEOS and local communities.

Unreserved Ticket through Mobile Application

In order to promote paperless economy, Indian Railways has launched its new UTS on mobile application. This app provides the benefit of e- ticketing to promote paperless

journey ticket. Through mobile app one can book the railway ticket and use that during travelling. [3]

Sugamaya Pustkalya

It is an online platform that provides content online to print disable people. The library contains publication of diverse subjects and variety of languages. It has been created by Department of Empowerment of Persons with Disabilities, Ministry of Social Justice and Empowerment in collaboration with member organizations of Daisy Forum of India and powered by TCS Access. [3]

Swayam

This is a web portal which provides an online material for the students to gain educational qualifications by himself. This is done through an indigenous developed IT platform that facilitates hosting of all the courses, taught in classrooms from 9th class till post-graduation to be accessed by anyone, anywhere at any time.

Udaan

Udaan is a special effort to address the needs of the educated unemployed in Jammu & Kashmir (J&K). It is focused on youth of the state, who are graduate, post graduate and three year diploma engineers. The programme is designed to encourage corporate to travel to J&K meet with the youth and hire aspiring youth in J&K who wish to explore the opportunity to work with corporate. Udaan provides a framework of support to the youth to build their career with the whole world not in isolation. [3]

CONCLUSION

From the above research, it is clear that digital India is a campaign which will be shine like a star in the history of India in future. The main motive behind this campaign is to make India digitally educated. No doubt, this programme has positive impact on growth and development of countries. Today, every person can get valid information by using distinct applications. All the information related to every department of the govt. is now in the access of the common man. Each and every service under the programme proves beneficial. At last, it can be concluded that this step of the govt. is a milestone towards making of the digital country

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