INTERNATIONAL EXPERIENCES : PERSPECTIVE FROM INDIA

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INDIA – THE LAND OF DIVERSITY

- **Second most populous and seventh largest country in the world . Its interesting to note that 3.287 million square is the total area of this country and 1 out of every 6 people in the world is an Indian .**

- Home to over 1.2 billion people, India comprises **29 states** and seven union territories. Although India is a fast-developing nation and has nearly 300 cities, carves out into 640 districts with majority of the population residing in about 0.6 million villages .

- People use almost 1652 spoken languages and dialects according to their religion and choice .

GOVERNANCE AT DIFFERENT LEVELS

- Union govt

- State govt - 29

- Muncipal corporations – 200000- 400000 approx

- Panchayats- 537 district panchayats , 6094 intermediate panchayats , 233913 Village panchayats

DIGITAL INITIATIVES

- The Digital India programme is a flagship programme of the Government of India with a vision to transform India into a digitally empowered society and knowledge economy

- The Global Innovation Index (GII) has ranked India as the 57th most innovative nation in the world. The country has improved its ranking from 60th position last year. India has been improving steadily since it was ranked 81st in 2015.

- The **platform** was launched on July 1, 2015 as part of the **Digital India** programme.

BBNL

- Bharat Broadband Network Limited is a special purpose vehicle set up by Government of India ,It has been mandated to create the National Optical Fiber Network (NOFN) in India.

- A total of around 2,30,000 Gram Panchayats spread over 6,600 Blocks and 641 Districts are being covered by laying incremental fiber.

- **Website.** http://www.bbnl.nic.in/index.aspx

NKN

- National Knowledge Network (NKN) project is aimed at establishing a strong and robust Indian network which will be capable of providing secure and reliable connectivity.

- In India, NKN with its multi-gigabit capability aims to connect all universities, research institutions, libraries, laboratories, healthcare and agricultural institutions across the country to address such paradigm shift.

STUDY WEBS OF ACTIVE-LEARNING FOR YOUNG ASPIRING MINDS (SWAYAM).

- **Digitalisation in Education**

- SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.

- **Website.**https://swayam.gov.in

SWAYAM PRABHA DTH CHANNELS

- A total 32 Swayam Prabha DTH channels launched along Swayam portal seek to help students living in remote areas who don't have proper connectivity to IT services.

DIGITAL SAKSHARTA ABHIYAAN (DISHA)

- The Digital Saksharta Abhiyan or National Digital Literacy Mission (NDLM) Scheme has been formulated to impart IT training to 52.5 lakh persons, including Anganwadi, ASHA workers and authorised ration dealers in all the States/UTs across the country.

- The initiative aims at training non-IT literate citizens to become IT literate to enable their active and effective participation in the democratic, developmental process, and enhance their livelihood too.

- **Website.**http://www.ndlm.in/

EDUCATION
NATIONAL SUPER COMPUTING MISSION (NSM)

- National Super Computing Mission has been envisaged to empower the national academic and R&D institutions, spread across the country, by installation of a vast supercomputing grid comprising of more than 70 high-performance computing facilities.

- These supercomputers are networked on the National Supercomputing grid over the National Knowledge Network (NKN).

- **Websit .**https://nsmindia.in

KNOWLEDGE MANAGEMENT SYSTEM (KMS)

- To spearhead the vision of digital India , Knowledge Management Portal has been created to establish a culture where knowledge is captured, shared, created and reused.

- It provides a platform to leverage the transformation of data to knowledge by systematically aligning with the organizational goals and strategy.

- **Website.**https://kms.negd.in

LEARNING MANAGEMENT SYSTEM (LMS)

- Learning Management System (LMS) is a software application for the administration, documentation, tracking, reporting and delivery of electronic courses (e-learning) and training programs. .

- It has the objective of enhancing knowledge and skills of users as per their roles envisaged in the e-Governance Competency Framework (eGCF).

- **Website.** https://lms.negd.in/

VR AND AR IN E-EDUCATION

- **Usage of Virtual Reality (VR) and Augmented Reality (AR) for learning**

- Virtual Reality and Augmented Reality are already buzzwords in the technology space. Their advent in e-learning has massively impacted the efficiency with which it is offered to students and the way it assesses their performance.

NATIONAL SCHOLARSHIP PORTAL (NSP)

- NSP is a one-stop solution for end-to-end scholarship process right from the submission of student application, verification, sanction and disbursal to end beneficiary for all the scholarships provided by the Government of India

- **Website.**http://scholarships.gov.in/

INDIAN RAILWAY SYSTEM

- Railway network in India was nationalized in 1951 and Indian Railways became one of the largest railway networks comprising 115,000 km (71,000 mi) of track over a route of 67,312 km (41,826 mi) and 7,112 stations.

- Indian Railways carries more than 23 million passengers daily from one place to another..

IRCTC APPLICATION

- In order to cater to the growing demand of passengers to make the ticketing application more user-friendly and faster, IRCTC Connect was developed.

- The new app with several add-on features is based on the next generation e-ticketing system. Synchronised with the ticketing website, the app facilitates search and book train tickets, check existing reservations or cancel them, and get upcoming journey alerts

FUTURE – ARTIFICIAL INTELLIGENCE

- AI is about creating trains with brains…(that) AI can transform Indian Railways in terms of safety, passenger amenities, better revenues, growth and efficiency and that it can be harnessed to find digital innovations for better customer interface and better service delivery is already practiced in some countries .

- AI will undoubtedly introduce many benefits and help the Indian Railways become more efficient and productive since the latter has humongous amounts of data from which meaningful business intelligence can be derived .

OTHER IMPRESSIVE DIGITAL INITIATIVES FOR PUBLIC MANAGEMENT

- ECI EVM tracking - It is a GPRS based mobile application for ECI Officials to scan barcode on EVM machines (BU or CU or VVPAT), which is used in Polls. Polls are completely digitised

- National Voters service portal - The portal was developed with an aim to provide single window service electors.

- Nirbhaya: Be Fearless© is an android emergency application, which can send a distress call or emergency message to a specified contact or group in an emergency situation faced by a woman or any other individual in general.

AADHAR

- HUGE LEAP IN PEOPLE CENTRIC GOVERNANCE

- Aadhaar identity platform is one of the key pillars of 'Digital India', wherein every resident of the country is provided with a unique identity or Aadhaar number. **Website.**https://uidai.gov.in/beta/

- *AADHAAR ENABLED PAYMENT SYSTEM*

E-PANCHAYAT

- e-Panchayat is an e-Governance initiative for the rural sector providing comprehensive software solution attempting automation of Gram Panchayat functions.

- It is a platform for panchayat representatives to connect with rest of the world, which aims to bring out the local voices by empowering the local communities to showcase and share local social, cultural and economic practices, stories and challenges.

AGRIMARKET APP

- The mobile application has been developed with an aim to keep farmers abreast with the crop prices and discourage them to carry-out distress sale.

- Farmers can get information related to prices of crops in markets within 50km of their own device location using the AgriMarket Mobile App.

- This app automatically captures the location of the farmers using mobile GPS and fetches the market prices of crops which fall within the range of 50km.

- The prices of agri commodities are sourced from the Agmarknet portal.

CONTD

- E prison - The Scope of this project is to computerize and integrate all the activities related to prison and prisoner management in the jail.

- DigiSevak is an online volunteering platform for interested citizens who want to contribute to the success of Digital India program.

- HIMMAT APP - Himmat is an initiative by Delhi police especially for women.

- MEGHRAJ - In order to utilise and harness the benefits of Cloud Computing, Government of India has embarked upon an ambitious initiative - "GI Cloud" which has been named as 'MeghRaj'

THANK YOU