

DIGI CONNECT

Volume 2 | Issue 1 | Jan-Feb, 2022

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FROM THE COO'S DESK

Dear All,

Greetings to all and welcome to the New year edition of the Digi-Connect.

The Year 2022 began with the same virus scare of 2020 and 2021. With all precautionary measures and persistent vaccination drive launched by the Govt of India, the efforts have borne fruits and it seems that this wave shall pass with least damage. Despite the effects of pandemic, NISG has been awarded many new projects, reaffirming our efforts in providing smart technical and governance solutions. The current phase in post-Covid times is an important phase of execution and consolidation. We all know that the digital revolution has really helped to keep things moving in many sectors of the business. While the pandemic had a significant impact on the manufacturing and unorganized sectors, the functioning of the government, and many technology sectors was possible due to the digital adoption.

The Covid-19 pandemic has led to an inevitable surge in the use of digital technologies and the last two years have definitely strengthened the need for accelerating adoption of e-Governance, embracing new technology paradigms of self-service to citizen-based services on access to information anytime, anywhere and any device in a secure manner.

Every department of Government of India and every state government is taking many initiatives to enable e-Governance 2.0 across the board. NISG has an important role to play in this transformation journey. As an organisation, it is essential for us to be proactive and recognise the technological needs of our clients in terms of empathizing and understanding their problems, articulating the potential solutions, creating an ecosystem of enablers and partners who can support in realization of this transformation.

It is imperative that we need to keep ourselves enabled on the new ABC s of digital paradigm such as AI, Blockchain, Cloud and have in-depth understanding of their relevance to the e-Governance models. We need to inculcate the culture of continuous learning to keep ourselves relevant to the client.

Wishing you all a great year ahead and stay safe.



NISG Bulletin

Updates from NISG

Consulting & PMU Services

- NISG to entered into an **MOU with Government of Arunachal Pradesh** to cooperate on areas of mutual interests for the next 5 years. The MoU was signed in presence of the Honourable CM and Deputy CM of Arunachal Pradesh. The MoU was signed by Mr. Ajay Chagti, Secretary to the Government, Administrative Reforms, Govt. of Arunachal Pradesh and Mr. Satyajit Rao Vagvala, Senior General Manager, NISG on 20th December 2021.
- NISG successfully received work order from Madhya Pradesh Government for Consultancy and IT PMU services for the project "**Use of Emerging Technologies in Agriculture-Precision Farming and Ground Water Monitoring**"

Manpower Augmentation

- **Small Industries Development Bank of India (SIDBI)** as part of the 5-year MoU with NISG has awarded Manpower Augmentation work to the tune of **30.70 crores INR**.
- NISG's Agreement for providing Talent Acquisition Services to the Department of IT, Government of Haryana which was entered into in April 2018 has received an extension of 3-years. **This agreement entails cabinet approval to award work on nomination basis to NISG.**
- NISG was awarded two projects by "**Centre for Airborne Systems (CABS, DRDO), Bengaluru**", for

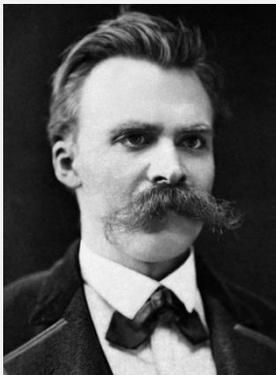
providing manpower services with a value of **1.87 crores**.

- NISG has received work order for **1.59 Crores** from Department of Health and Family Welfare, Government of Arunachal Pradesh, on January 27th, 2022, for manpower augmentation services for implementation Health Assurance Schemes under **Ayushman Bharat Digital Health Mission**.

Capacity Building and Knowledge management

- NISG has entered into an **MOU with the Capacity Building Commission of India**, on the 17th of November 2021. Through this MOU, the CBC shall engage the services of NISG to support CBC in conceptualizing, planning, implementing, and monitoring of activities in various areas including Strategic IT Advisory & Management Consultancy, Program & Project Management, Capacity Building and Knowledge Management, Manpower Augmentation & Talent Acquisition and more.
- NISG in collaboration with Prof. Shivendu Shivendu, Associate Professor of Information Systems at Muma School of Business, University of South Florida (USF) organised a Certificate Course on "Artificial Intelligence/Machine Learning (AI/ML) Applications" in Noida, Hyderabad, Ranchi and Delhi. NISG conducted these programmes in partnership with **International Centre for Information Systems and Audit (iCISA), National Institute of Rural Development (NIRD), V.V. Giri National Labour Institute (VVGNI), and Institute of Public Health and Convention Centre (IPH), Govt. of Jharkhand.**

QUOTE OF THE MONTH



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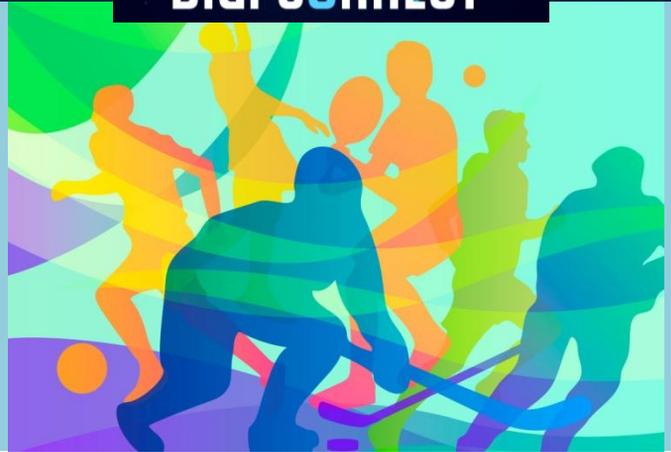
The irrationality of a thing is no argument against its existence, rather a condition of it.

Friedrich Nietzsche

EXPERT SHARE

Digital Solution for Sports Education

Satya Narayan Meena



Every nation must have a system wherein every student at school has access to participate in at least one sport. Regular sports and fitness activities have proven to provide not only physical benefits, but also social and psycho-emotional development. Yet, various independent studies have highlighted gaps in skill development in sports in India. This must be addressed in order to advance the national agenda of developing a sporting ecosystem and achieving international success. Early identification on a scientific basis would enhance proficiency and acquire necessary skills to become a sports person for India.

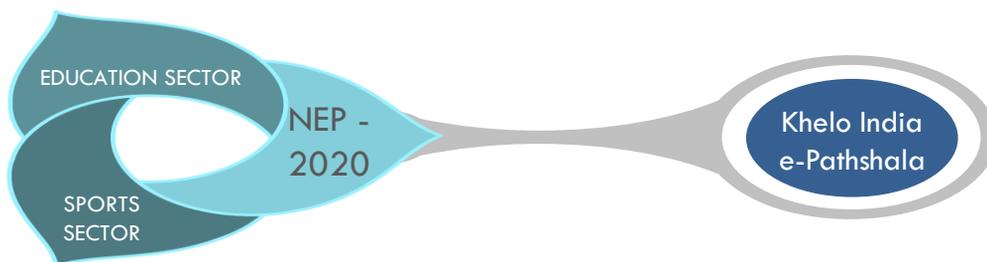
Problem Statement – Imparting e-Education in Sports

The outbreak of COVID-19 pandemic led to temporary suspension of all conventional sports' training programmes across India. It made history when even the international sports events - the Olympics and Paralympics, were postponed.

Closure of education institutions impacted the entire sports education sector comprising a broad range of stakeholders - the national and local authorities, public and private institutions, sports organizations, athletes, teachers, coaches, parents, but most significantly, the young learners. Everything seemed to have come to a standstill, with severe restrictions on physical contact.

The Solution - Genesis of Khelo India e-Pathshala

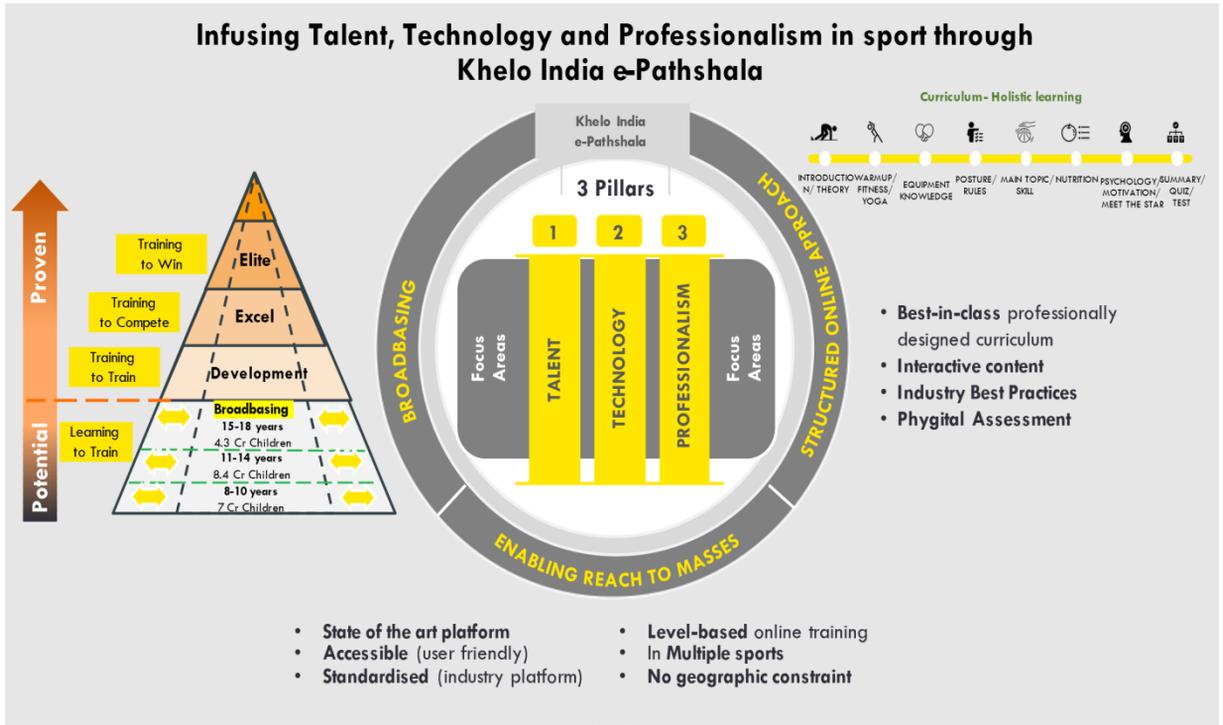
It was during such crisis that the Ministry of Youth Affairs and Sports (MYAS), GOI, insisted on *adopting digital technologies to promote sports education in India*. It was also a way forward to realize the objectives of the New Education Policy 2020, which defines sports integration as an important cross culture pedagogical approach for *education through experiential learning to enable convergence of sports with education*. This opportunity of convergence was given shape through the KHELO INDIA e-PATHSHALA.



An e-Learning platform was developed under the aegis of Khelo India, in collaboration with various National Sports Federations. The platform was meant to impart multi-level, standardized training to PE teachers/community coaches with knowledge, skills, and attitude to become a qualified sports coach in a chosen sport for training budding athletes effectively.

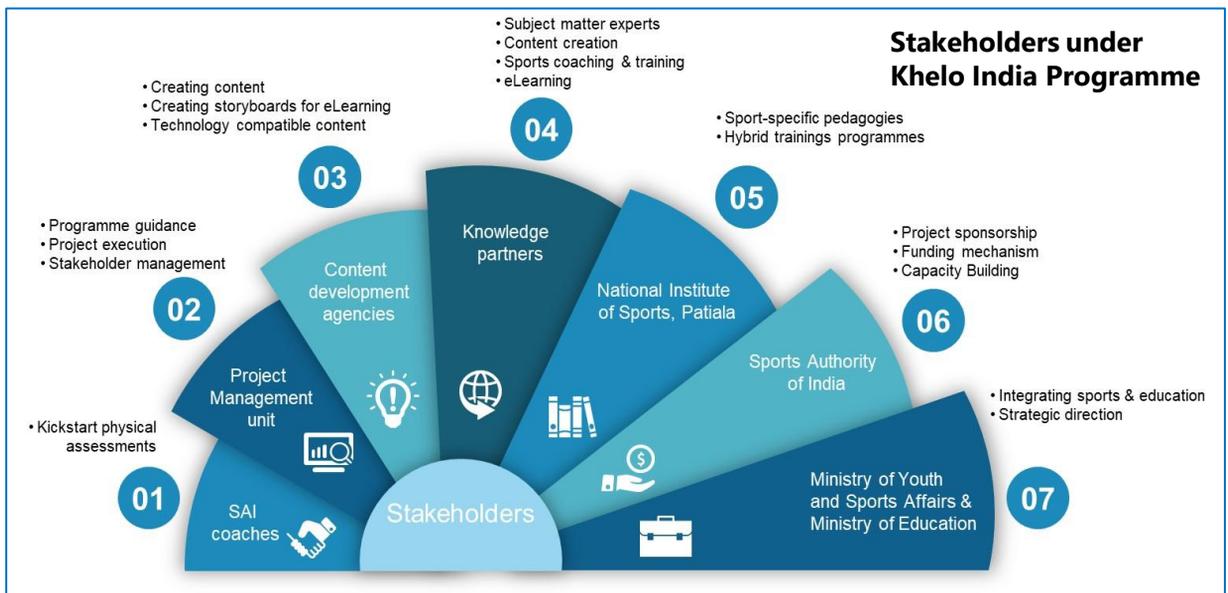
The programme was conceptualized to provide online high quality, standardized, level-based, sports training and education programme for physical education teachers (PETs), community coaches, grassroots athletes, learners, beginners, and sports enthusiasts. The initiative aimed to reach the stakeholders on a large scale with inroads into both urban and rural areas.

Equipped with multi-level assessment models to be delivered through a Learning Management System (LMS) on desktop/laptop and mobile app, the initiative intended to make sports-related knowledge accessible to every corner of the country transcending geographical constraints.



Source: Ministry of Youth Affairs and Sports

The initiative aimed to achieve the objectives together with the help of multiple stakeholders who contributed to different project facets with their expertise:



Source: Ministry of Youth Affairs and Sports

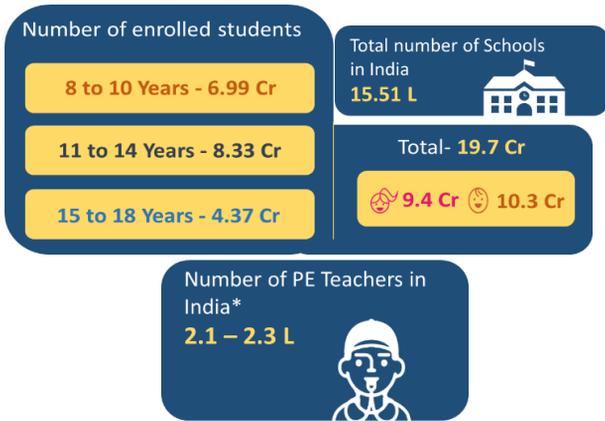
A Pilot

The Khelo India programme underwent a pilot phase with 362 users on boarded, spread across geographies, age brackets, background, institution types, etc.

The participating PE Teachers and Community Coaches selected one of the three sports: Archery, Boxing and Table Tennis, the course curriculum of which was developed by professionals from Sports Authority of India (SAI), and respective National Sports.

Federation, high performance Directors, scientific experts, knowledge partners, etc. Overwhelming positive feedback from users resulted in a high engagement rate throughout the pilot.

Convergence of Sports and Sports Educatio



A total of 32 modules across three disciplines were layered and uploaded on an LMS with user access management.

The Potential & Way Forward: Leveraging Technology to Upgrade Sports in India

With the emergence of data analytics and artificial intelligence, schools can build a robust technology infrastructure to provide the right training to students at school level. Monitoring players’ heartbeats, mapping the competitor’s performance, watching and analyzing past performance, predicting and improving performance, etc., may easily be undertaken.

Hosting virtual training modules on the platform and using high-end AI based analytics software and other AR-VR based technological enhancements would enable students to access modules that are activity-based and empower experiential learning.

Way Forward and Scalability

	Current Limitation	Way Forward
1 User Management	Limited User Capacity and tools to engage	<ul style="list-style-type: none"> In-house tools on LMS for user management such as in-built zoom, Whatsapp, Google tools for engaging large audience Open to wider audience without limitation to number
2 Curriculum	Course limited to PE Teachers	<ul style="list-style-type: none"> Level based course curriculum for PETs Age based course curriculum for students*
3 Content	Content only for PETs	<ul style="list-style-type: none"> Level based course content for PETs Age based course content for students* Content sourcing and curation from multiple sources
4 LMS	Limited User Capacity, Physical Assessment Limitation	<ul style="list-style-type: none"> A good multi-layered, automated platform with no limitation on no. of users AI based tools and emerging tech for Phygital Assessment

***Khelo India e-Pathshala Pilot 1.0 and Phase-1 have PE Teachers only as target audience**

Source: Ministry of Youth Affairs and Sports



Mr Satya Narayan Meena is an IRSE Officer of 2000 batch. He is an IIT Delhi Alumnus and a passionate sportsperson. He has represented the nation at the 20th Asian Masters Athletics Championships in 2017 held in China, and qualified for World Masters Championship, Spain and participated in Boston Marathon (USA).

He was instrumental in implementing technology-based reforms while working as Senior Director, Khelo India, Ministry of Sports. He is currently the Director, Finance & Capacity Building at National e-Governance Division (NeGD), MeitY, Govt. of India

THE FRONTIER

Best Practice in eGovernance

Canvas - Learning Management System (LMS)

Can you think of a learning module that would make it possible to conduct classes online and monitor the learning of the students without being physically present in the same place? Well, we have Canvas Learning Management System

Canvas is a web-based learning management system that is initiated by the Instructure, Inc. It is used by learning institutions, educators, and students to access and manage online course learning materials and communicate about skill development and learning achievement.

Canvas includes a variety of customizable course creation and management tools, course and user analytics and statistics, and internal communication tools. Additionally, while Canvas is primarily a web-based software, any user can access Canvas on a mobile device from the Canvas Teacher, Canvas Student, and Canvas Parent apps. It is built for all stages and kinds of learning from K-12 to higher education to distance education and short-term courses. Canvas has changed the way distance education is now experienced by students across the globe.

While there are many Learning management systems that are available in the market, Canvas stands as a pioneer in its field with various additional features that are first of its kind like [Canvas Catalog](#), [Canvas Studio](#), [Canvas Commons](#), [MasteryConnect](#) and [Portfolio](#). The pandemic has made it difficult for the students to be physically present in a classroom learning model, hence a LMS like canvas helps in bringing a continuity to their learning.

Canvas Stats

The numbers don't lie. Canvas is reliable, secure, and educator-loved at every level.



99.9%

System Uptime



100%

Native Cloud



#1

Rating



100%

Ivy League School Usage



The provision to customise the course for learners, the analytics solutions for individual students to make a more personalised learning plan, improved holistic and interactive learning make Canvas a leader in its domain.

TRAILBLAZER

Institution in Focus

Bolt was founded in January 2019 with a mission to create a complete learning ecosystem for k-12 students so that they can succeed in academics, career, and life. Initially, the Bolt team set up a learning centre in Pune and catered to 50 students to understand the nuances of education. In March 2020, when its operations had to be moved online due to COVID that Bolt for the first time attempted to digitize few government schools on a pilot basis in Hyderabad with the help of the NGO, Project 511.



Bolt is a hyper-personalised after-school learning program for classes 6 to 12 that caters to students around the world. It encompasses an AI-based app, daily live classes, electives on academics, 8 future skills, 70 career choices, and 1:1 mentorship to help students realize their interests and full potential. The hyper-personalized model of Bolt, not only the content and questions but the complete learning experience is personalized based on the student's learning style, previous year's gaps, interests, and aims. Educators with deep insights into educational psychology constantly modify the learning roadmap of students based on the current level of skills and career compatibilities.

Learning path

The learning path for developing the Bolt App, came from the pilot conducted with Project 511. The pilot was taken up to mitigate the digital divide by converting government school classroom in to sophisticated digital learning space. Each classroom was provided an internet connection, a projector, a whiteboard, speakers, a laptop for the teacher, and power backup. The Bolt web app enabled teachers to play recorded lectures in class and enable the teachers to initiate discussions based on the lectures. These lectures were not only covered in their academic curriculum but also emphasized necessary future skills such as problem-solving, critical thinking, verbal



ability, numeracy, financial acumen, coding & AI. The lectures also had information entailing 70 different career choices including famous people, famous companies related to the fields, how to get there, skills required, and so on.

During the pilot, students at home were asked to download the Bolt mobile app or log in to the web app with their credentials to answer a few questions. According to their answers, Bolt could personalize a learning path for every student in terms of academics, future skills, and their favourite careers. As the students proceed in their learning path, they get to unlock reward cards and HTML games that could be played for a few minutes. The app also has a learning community where students across schools can ask doubts or share information. A Bolt App has also been created where educators could compare the answers of a student as well as the class in real-time on a subject, topic, or at the question level with the performance of the entire state. The teachers could also upload their own questions or videos for their students.



Features of Bolt

The Bolt methodology was created by taking inputs from students, parents, teachers and extensive secondary research and innovation. Some of the Bolt users (students) have gone to achieve 100% scholarships at premier universities, solve real-world problems using design thinking, become renowned quizzers. These achievements were aided by improvements in academic performance, and confidence levels.

Some of the key features of Bolt include:

1. Interactive **live classes** on academics, 21st century skills, & 70+ careers with group discussions, applications, simulations, stories to motivate & Inspire students.
2. **Mentorship:**
 - a. One-on-one interaction sessions and 24×7 Doubt solving.
 - b. Career grooming & profile development.
 - c. Personalised & adaptive learning plan with conceptual gap filling.
 - d. Constant Motivation to realize full potential.
3. **Adaptive practice questions** with explanations, in-depth performance analysis with mistake buckets.
4. Aid in **choosing career** with entire content for 70+ career swith a list of top Universities, Skills required, responsibilities and salary info.
5. Focus on **21st Century Skills** including:
 - a. Coding & AI: To help develop skills in multiple domains.
 - b. Finance: To help become financially confident adults.
 - c. Problem solving: To help with logic, resilience, & imagination.
 - d. Communication: To have basic wants met, share info & ask questions.



6. **Activities and Tournaments** to increase engagement, 50+ Group Activities to make learning fun.

7. Hyper-Personalisation

- a. Personalised Academic roadmap.
- b. Personalised career & skill development roadmap.
- c. Flexible schedule.
- d. Gap analysis & special classes.

8. **Rewards** to recognise efforts in live classes and online community.

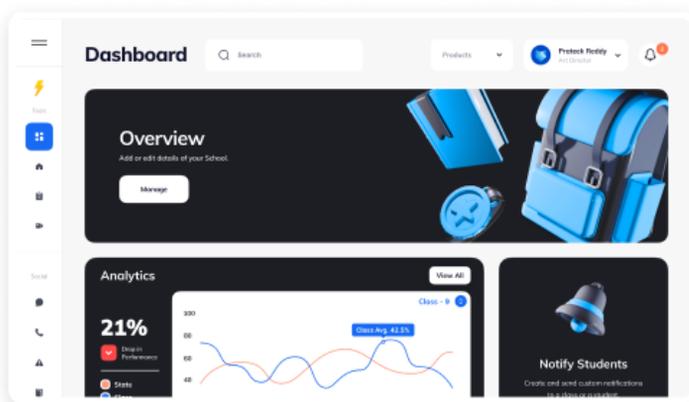
9. Multiple streams of **Interactive Content** including videos, flashcards, labelled graphics, sorting activities, tables etc. Simulations, excel plugins, code editors, geogebra & other integrations.

10. Individual and group **Projects** including collaboration with industry professionals.

11. Create a **Community** of like-minded peers and a platform to collaborate with them.

12. Analytics

- a. Foundational literacies, Competencies & other important metrics.
- b. Question wise mistake buckets on academic & non-academic content.
- c. Strengths, weaknesses & corrective steps.
- d. Career compatibility scores for 70 careers.



Get in touch with Bolt at admin@renlighteducation.com | +91 90048 43404
Visit their website <https://bolt.education> to view a short video <https://youtu.be/EBzsvoSBU4>

SPECIAL ARTICLE

Applied Data Analytics in Govt. – A case-study of Income Tax

Vikash Madduri

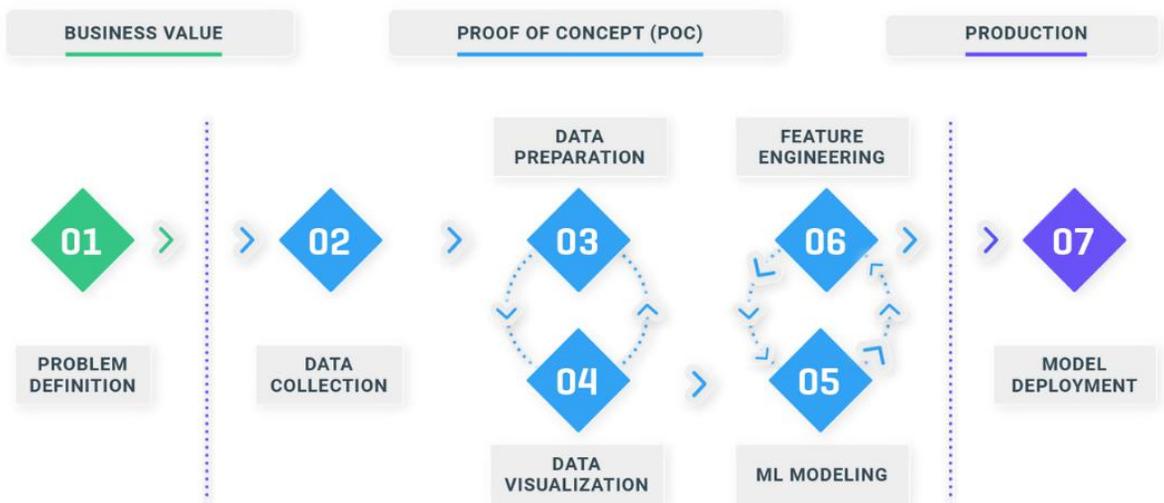


Data Analytics is the buzz term in the technology world, now. In government sector, data analytics will not only offer insights on patterns but also immensely help in decision making and optimization for effective policy conceptualization, implementation during or post execution of projects/programs by the department or ministry.

NISG attempted to analyze a set of data sources from Income Tax Department i.e., (a) Time Series Data (AY2000-01 to AY2018-19) and (b) Income Tax Returns statistics for AY2018-19; and tried to examine hypotheses such as (i) whether the business processes be re-defined and (ii) whether the tax collection brackets be re-designated.

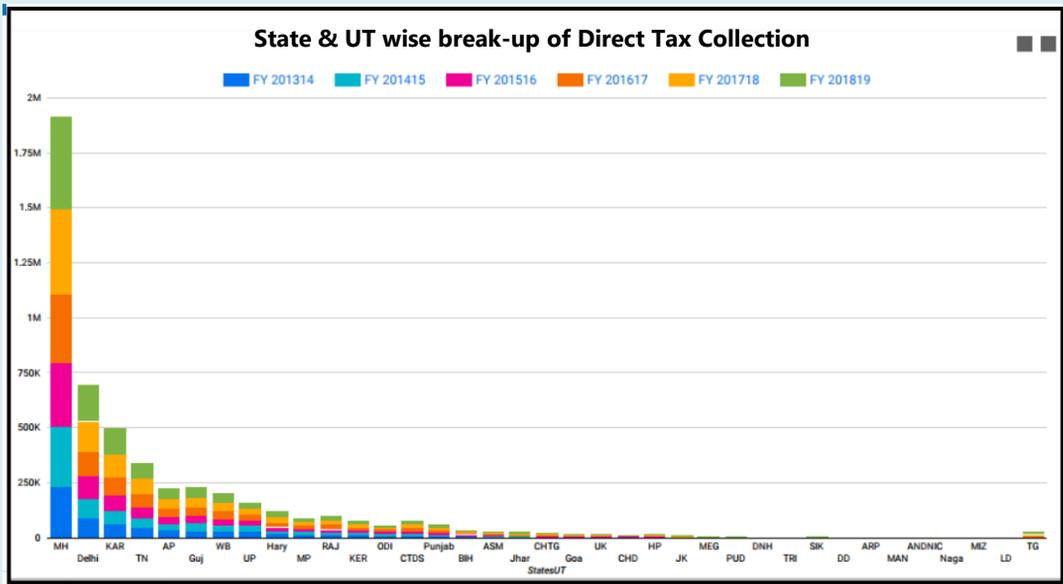
A sequences of data analytics processes such as (a) Problem Definition (b) Data collection (c) Data preparation including Data cleansing (d) Exploratory Data Analysis and Visualization, and (e) Data Modelling using statistical methods such as Linear regression and Multi/bi variate regression, are performed on a six-year duration data set (FY 2013-14 to FY 2018-19) to decipher the insights from the data patterns and to check statistical significance of the arguments. At each process level, the case study discusses the derived insights, in detail. The case study is performed using Google Data Studio, R Studio (Version 1.4.1103, Wax Begonia), Microsoft Excel 2019.

The Seven stages of Machine Learning framework (Data Driven Science, 2021)

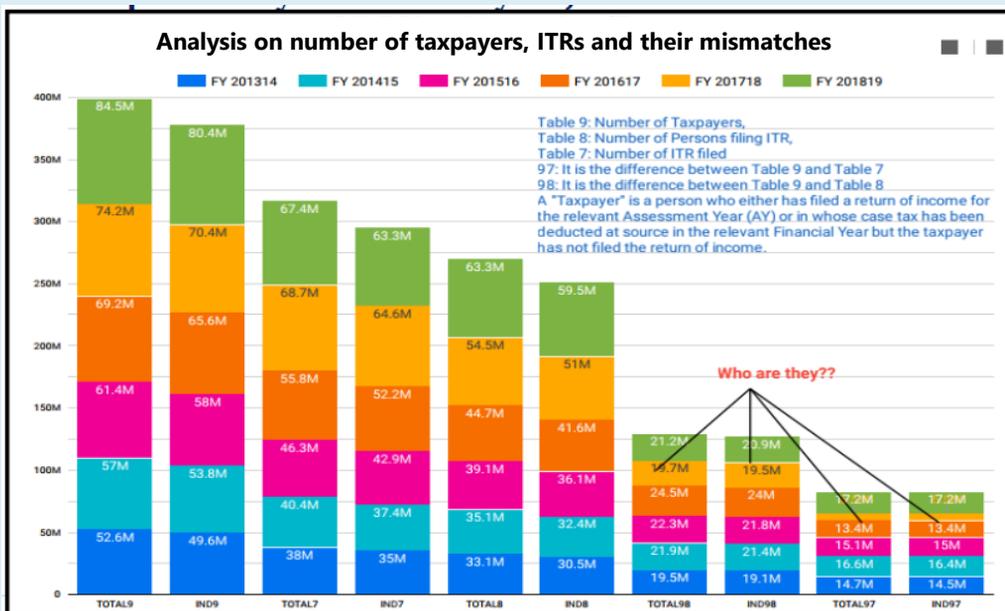


The case study analyzes various data patterns and asks below key questions

1. About asymmetry in tax income resources i.e., personal income tax, direct income tax, other direct tax for the years 2000-01, 2016-17 and 2018-19
2. Inequality amongst states i.e., the top five or seven states (Maharashtra, Delhi, Karnataka, Tamilnadu, Andhra Pradesh, Gujarat etc.) are contributing more than 85-90% of tax collection in India. This might ask several questions such as (a) whether there exists any inefficiency in income collection by the remaining states (b) whether there are any exclusive wealth creation opportunities in these top states (c) natural advantages, if any etc. Further, the graph also discusses deceiving errors in Data visualization.



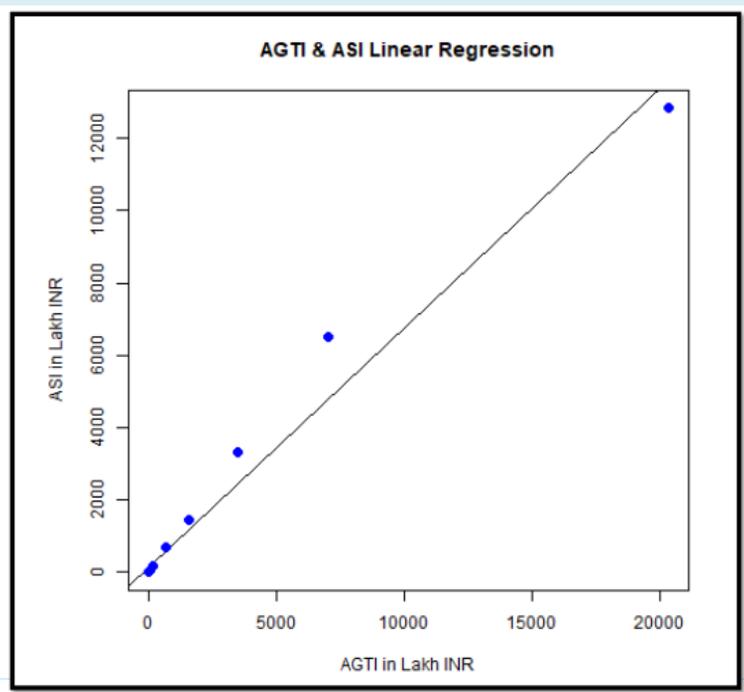
3. Need of government process re-engineering wherein (a) the tax collection from “Government” category sources is inconsistent and is high during the years FY2017-18 and FY2018-19 (b) the identification of “unclaimed amount” by the “missing taxpayers” who are filing the IT returns but did not claim the same.





- The statistical analysis using linear regression (model 1 and 2) and multivariate regression identifies the inconsistency in paying taxes by the high-salary income individuals. When combined individual salary income (ASI) and business incomes (ABI), the high-income end stakeholders (both individuals and business personnel/ entities) are far apart/inconsistent when compared to others. These relative differences, perhaps, calls for re-designation of income tax ranges/brackets or for effective government process re-engineering.

In a simple analogy, this case study is something like examining a single leaf structure and its pattern, collected from a big tree! It is important to mention that each leaf/branch structure could offer unique insights and may not be just like others in a such a fashion that all leaves are “configured” to receives the sunlight. This also mean that the question/inquisitive mind offers different questions/insights to different data patterns; and care might be exercised on what exactly we are questioning the data set for.



Diagrammatic representation of Linear Regression-1 of variables Average Salary Income (ASI) and Average Gross Total Income (AGTI)



Vikash Madduri
Consultant- GovStack Digital Government Specialist, ITU

Important Links

1. Read the article on "Government data management for the digital age" published by McKinsey & Company. The article suggests five actions (clear vision, navigate relevant data landscape, central infrastructure components, deliver end-to-end use cases, setup a central data agency) that can help public institutions modernize their data infrastructures and unlock significant value across state, economy, and society.
<https://www.mckinsey.com/industries/public-and-social-sector/our-insights/government-data-management-for-the-digital-age>
2. Read the article on "Disruptive Technologies: Catching the Wave", published by Harvard Business Review. The article suggests that to remain at the top of their industries, managers must first be able to spot the technologies that fall into this category. To pursue these technologies, managers must protect them from the processes and incentives that are geared to serving mainstream customers. And the only way to do that is to create organizations that are completely independent of the mainstream business.
<https://hbr.org/1995/01/disruptive-technologies-catching-the-wave>
3. Earn a free certificate by completing a course on "Effective Policy Making to Build the Impact Economy" offered by British Council. Learn how to develop policy that supports businesses to respond to pressing challenges and create an inclusive and fair economy.
<https://www.futurelearn.com/courses/effective-policymaking-to-build-impact-economy>



Plugged-in eGovernance Tech News

India secures Top-10 position in Global Cybersecurity Index 2020 rankings, published by International Telecommunication. The index is measured on five key pillars i.e., Legal measures, technical measures, Organizational measures, Capacity Development measures and Cooperation measures. India scores 97.49 out of 100 and secured 10th position amongst 194 countries.

<https://www.itu.int/en/myitu/Publications/2021/06/28/13/22/Global-Cybersecurity-Index-2020>

World Bank Group published a book on "GovTech Maturity Index: The State of Public Sector Digital Transformation". The GovTech Maturity Index (GTMI) measures the key aspects of four GovTech focus areas—supporting core government systems, enhancing service delivery, mainstreaming citizen engagement, and fostering GovTech enablers—and assists advisers and practitioners in the design of new digital transformation projects. India scores 0.82 on Citizen Engagement Index (CEI); 0.77 on Core

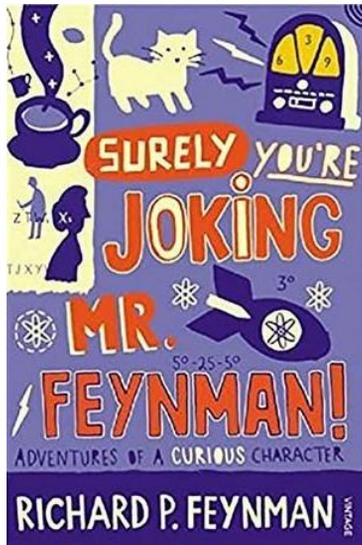
Government Systems Index (CGSI); 0.86 on GovTech Enablers Index (GTEI); 0.82 on GovTech Maturity Index (GTMI); 0.82 on Public Service Delivery Index (PSDI).

<https://openknowledge.worldbank.org/handle/10986/36233>

The Emerging Technologies Wing, Department of IT & Electronics and Communications, Government of Telangana published a draft "Space Tech Framework". The main pillars are (1) Enabling Access to Infrastructure, (2) Business Facilitation and Collaboration (3) Skill Development & Training, (4) Promoting Research and Innovation. The focus areas are (a) Agriculture and Insurance, (b) Urban Planning & Development, (c) Disaster Management (d) Environment and Natural Resources (e) Internet and Communication

<https://it.telangana.gov.in/wp-content/uploads/2021/09/Telanganas-SpaceTech-Framework-Draft-2021.pdf>

BOOK REVIEW



Richard P Feynman, W. W. Norton & Company, New York, 1985,
ISBN-10: 0393316041, 352 pages

“So, I have just one wish for you – the good luck to be somewhere where you are free to maintain the kind of integrity I have described, and where you do not feel forced by a need to maintain your position in the organization, or financial support, or so on, to lose your integrity. May you have that freedom.”

Above are the thoughts of Richard Feynman on integrity, a person who is remembered by many even outside the science communities for his wit, straight forwardness, and acumen.

The book is an autobiography of one of the most beautiful minds world has seen, Dick Feynman. Being from a humble background, he had an inclination towards gadgets since his early years. He would go on fixing radios, gramophone in his neighborhood as that would amuse him. This then turned into his special interest in mathematics. He did his undergraduate from the MIT and doctorate from Princeton in physics. His way of teaching the subject at Princeton and later in Caltech are still remembered as exceptional. Being a part of Manhattan project with 16 other scientists he was a key in making USA the first to have nuclear weapons that put an end to 2nd world war.

Going through the book we as Indians inevitably start comparing the US education, teaching and opportunities with what we have here.

In India, students with interest in basic sciences also desist in pursuing a career there for the lack of career

opportunities and a handsome remuneration. Also the so called premier institutes for engineering etc. demand that students should start their preparation from early schooling years and hence they can't focus on their regular school and its extra-curricular activities and that's one of the reasons no one cares for school standards.

Similar is the case when you want a well-paying government job as private sector has still not come of age in India. This is not the case in US where your achievements in sports, debate goes a long way to bag the prestigious institutes, and if you are a man with ideas to deliver in any way, probably you don't need any university degree either, Bill Gates, Steve Jobs are some names that come to mind here.

Feynman married his long-term friend whom he knew was dying due to her ailment, he didn't go back to Princeton though was offered a handsome amount, didn't want another Nobel, didn't hesitate to correct senior scientists like Niels Bohr and surprisingly because of this nature he was Bohr's favorite. Personally Feynman was never in awe of anyone's designation unless he knew that he has done something out of the way.

His famous inquiry for the challenger shuttle disaster makes me think that something of that kind could be there for when our top most general's chopper crashed. In a machine each and every nut, bolt has a role to play and if we tamper with any of its characteristics it, be it due to corruption, negligence or anything, it will lead to disaster.

In Feynman's words “For a successful technology, reality must take precedence over public relations, for nature cannot be fooled.”

Devarshi Tathagat
Assistant Manager, NISG

On the Canvas



“It's the healthiest computer we sell. It works with low-sodium spam and sugar-free cookies.”

Source: <https://www.glasbergen.com/computer-cartoons/>

EVENT

NISG CSR: Digital Education Initiative



The outburst of Covid has disrupted the education of children in the entire Nation. Pandemic has forced the inevitable transition to digital acceptance in the education sector. To help sustain delivery of classes in a sustained manner, NISG took the initiative to set up a digital smart class in a government school. The selected school was Government High School in Arki village, Khunti district, Jharkhand.

Khunti district is identified as one of the educationally backward districts where the children have been excluded from the education system resulting in low literacy rate. This CSR initiative in its small way aims to narrow this literacy gap by leveraging digital solutions in classroom teaching. The aim is to provide an interactive digital learning platform that students can access every day. The digital learning equipment will enable teaching the prescribed syllabus with the help of digital e-learning modules provided by institutes like Khan Academy or eLearning modules developed by the State Government.

The Digital Classroom is equipped with 16 laptops, a projector, a sound system, and power backup. The laptops provided to the children of the school are for learning experience beyond classroom, which include watching internet-based channels like National Geographic, UGC channels and other informative series that can help them improve their knowledge, language, communication etc. Above all, this initiative will expose children to digital learning.

The NISG CSR initiative was inaugurated in the presence of Mr. J.R.K Rao, IAS (Retd.), Chief Executive Officer, NISG, Sri Rajesh Kumar Sharma, IAS, Secretary of School Education & Literacy, Jharkhand, Shri Harsh Mangla, IAS, Director, Higher Education, Shri Shashi Ranjan, IAS, District Collector, Khunti, Shri Sayeed Riyaz Ahmed, IAS, Sub-Divisional Magistrate, Khunti, Shri. Shivendu Shivendu, IAS (Retd.) and Professor, University of Florida, Smt. Mridula Sinha, IAS (retd.), Director General, State Nutrition Mission.



Before

After

Apart from providing the digital classroom infrastructure, NISG has also hired an Instructor cum Computer Operator for a period of 1 year. This instructor is NISG's anchor to provide the necessary hand holding support to students and teachers in the school. This will ensure that the positive impact created is sustained and children's learning and knowledge curve is improved.

TRIVIA

1. What is the highest rank India has ever achieved in e-governance ranking?
a. 100th b. 50th c. 74th d. 96th
2. Which is the first country to introduce "Digital Social Cash Transfers"?
a. United States of America b. United Kingdom c. Singapore d. Brazil
3. Do you know what is the first widely used internet money?
a. E-Money b. E- Gold c. Cryptocurrency d. Digital bonds
4. Name the first country to implement a Job Guarantee Scheme under the social justice tradition of right to work declared by United Nations Universal Declaration of Human Rights.
a. Soviet Union b. France c. United States d. Denmark
5. What is the significance of **NICNET**?
a. E-Governance b. Social Welfare Schemes c. Digital India d. Digital Infrastructure

1. Answer: India's highest ever ranking in e-governance was 96th in the year 2018. The EGD (e-Government Development Index) is a composite measure of three important dimensions of e-government, namely: provision of online services, telecommunication connectivity and human capacity. Some of the parameters include infrastructure, level of promotion of internet access etc.

2. Answer: Brazil was the first country to introduce Digital Social Cash Transfers to the beneficiaries in 2002. The program - Bolsa Familia - conducted a pilot in conditional cash transfers to understand the impact of the direct transfers removing the intermediaries, thus strengthening the impact of the program

3. Answer: e-Gold was the first widely used Internet money, introduced in 1996, and grew to several million users before the US Government shut it down in 2008. e-Gold has been referenced to as "digital currency" by both US officials and academia.

4. Answer: France was the first country to implement the Job guarantee scheme in Paris. The scheme was introduced as a sustainable solution to the dual problems of inflation and unemployment. The aim is to create full employment and bring price stability into the economy.

5. Answer: The main thrust for e-governance was provided by the launching of NICNET in 1987 – the national satellite-based computer network. Through NICNET, NIC has been instrumental in steering e-Governance applications in Government Ministries/ Departments at the Centre, States, Districts and Block level, facilitating improvement in Government services, wider transparency, promoting decentralized planning and management, resulting in better efficiency and accountability to the people of India.



National Institute for Smart Government

is a not-for-profit company set up in 2002 by Government of India on Public-Private-Partnership (PPP) model with Secretary, Ministry of Electronics, and Information Technology (MeitY) as its chairman. NISG is shaped as an institution of excellence in eGovernance to assist governments for ushering in smart governance, process reforms and digitalization. NISG has been at the forefront of eGovernance initiatives in India and contributed towards improvement in government processes and establishment of service delivery systems resulting in faster and simpler service delivery to citizens and businesses.

NISG's registered office is located at Hyderabad and business office is located at New Delhi, since 2004. Under the new dynamic leadership, NISG has expanded its operations to reach out various regions of the country. Seven new regional offices i.e., Bangalore Think Tank, Bhopal, Lucknow, Bhubaneswar, Chandigarh, Guwahati, Raipur, have been operationalized, since 2019.

Contact Us

5th Floor, Mahanagar Door Sanchar Sadan,
9 CGO Complex, Lodhi Road, New Delhi -
110003

Phone: +91 11 555 555 0125

Fax: +91 11 555 555 0145

Ground & 2nd Floor, TSIC Zonal Office,
Financial district, Nanakramguda,
Hyderabad - 500032

Phone: +914066545352

Fax: +914066545300

Social Media handles

@NISGsmartgov



Website

www.nisg.org

Feedback

Write your valuable feedback to
digiconnect@nisg.org