

Thirteen Ideas for a Lucky India

For: Microsoft Research

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Who? When? Where?

- Policy/Analytics: (Delhi, Punjab, Goa, Gujarat, Karnataka, Madhya Pradesh)
- Election Campaign: (Delhi, Punjab, Goa, Karnataka)
- Experience type: (State-level, district level, constituency level, Ward-level, Urban mostly)
- Interactions: (ECI, CEO, RO, ARO, GO, Police, Polling agents, Booth agents, Media, Political parties, Candidates, Campaign managers, citizens)
- Functions: (Legal, Managerial, Operational, Technical and Political)
- Government: (City, State)
- Academic: MS&E, PP, CS: (Stanford, NSIT), Friends (Life)
- Work: Policy, Sustainability, Communication: (Delhi Government, RAND, MIT JPAL, US GAO, CSIR, AIB, OML, Memesys Culture Lab, Tagbag)
- Religion: Bollywood, Cricket, Poker 😊
- World: Mom, Dad, G-41, New York, New Delhi

Why?

- **To abide by the Constitution and respect its ideals and institutions, the National Flag and the National Anthem;**
- **To cherish and follow the noble ideals which inspired our national struggle for freedom;**
- **To uphold and protect the sovereignty, unity and integrity of India;**
- **to defend the country and render national service when called upon to do so;**
- **to promote harmony and the spirit of common brotherhood amongst all the people of India transcending religious, linguistic and regional or sectional diversities; to renounce practices derogatory to the dignity of women;**
- **To value and preserve the rich heritage of our composite culture;**
- **To protect and improve the natural environment including forests, lakes, rivers, wildlife and to have compassion for living creatures;**
- **To develop the scientific temper, humanism and the spirit of inquiry and reform;**
- **To safeguard public property and to abjure violence;**
- **to strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavour and achievement;**
- **Who is a parent or guardian, to provide opportunities for education to his child, or as the case may be, ward between the age of six to fourteen years.**



How?

- Problem framing: Vector
- Problem solving: Local
- Problem visualization: Fractal

- Solution framing: Incomplete
- Solution implementation: Stack
- Solution dimensions: Truth, ethic, dialectic and aesthetic.

Collect, Digitize, Visualize, Analyze, Decide, Monitor,
Evaluate, Rinse, Repeat.

13? Lucky?

- Ten is indoctrination.
- Eleven is the Article 51A of the Indian Constitution.
- Twelve is sublime.
- Thirteen is the first compound,
- Idea * Team * Execution * Luck = Unicorn!
- Odd enough to keep you curious, prime enough to indivisible.

1. Individual

- Data as a public good, funded by private profit or citizens.
- Visualizing fundamental rights, duties and directive principles for the individual and the collective.
- Gurukul in a Box for Learning, Relevance and Sustenance.

2. Team (Startups, Non-Profits, New Kids on the Block)

- Measuring sustainability with granularity
- Lower the barrier for entry to politics
- Share leverage (capital, technology, labour, code, status, social status media) with those who benefit you and/or further your idea.

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3. Herd (Policy, Governance, Administration)

- Increase Participation and Awareness in Policy and Governance
 - Spread good information quickly, aesthetically and in context
 - Start a Polymath Project for Self-Governance
- Indianize Policy and Governance Communication and Implementation , especially for radical or new ideas.

4. Horde (Religion, Caste, Language, Class)

- Thought leadership in privacy, identity and security and AI's Impact on Society
- Focus on untouched fundamental duties.
- Solve problems of necessity, not abundance.

5. Universal

- Bring the TEALS program everywhere!
- Build Medium Difficulty Tech for Easy Public Problems.
- Open the Government/Politics/Data with Open-Sourced Technology or Technology as Capital!

6. Election Commission of India

- **Geocoding: Publish Open GIS Street Maps of all electoral constituencies of any granularity.**
- **Design uniform data collection and publishing standards for all electoral rolls. This includes size of document, structure of publishing and aggregation as well as website design to ease access, availability and analysis.**
- **Create a data repository of electoral rolls with comprehensive attributes and improvements in data quality via profiling, matching, linking, standardization through batched updation and real-time processing.**
- **Learn from best experts who work with large datasets that are public (Google, Cricinfo, Facebook, United Nations, Computer and data scientists working in healthcare, Wolfram Alpha, Bloomberg, UN, OECD, American Government Data, Arxiv, Google Scholar and Top Universities)**

7. Government of India

- Analytics for Governance
- Decision Support for Policy
- SDGs Unpacked for Communication, Bunched Together for Implementation
- Quantify the money received and spent by Government and its impact
- Further ideas that devolve or decentralize to an individual.

8. State Government

- Quantifying inputs/incomes as well as outputs/outcomes
- Measure second order impact of laws and policies
- Use graph theory and topology in combination with datasets to recommend politics, policy and economy solutions.

9. Local Government

- Visualize the Union, State and Concurrent List based on flow of power and decision-making
- Outcomes Supersedes Function: Show mismatch in power, money and problems.
- Form Follows Function: Feel People Zeroth, Think Science first, design process second and technology third.

10. Judiciary

- Passport Seva Kenderification of the Judiciary
- Digitizing and Visualizing Judgments: Going from India and Pakistan to Africa and South America.
- Algorithms and Public Participation

11. Media

- **Public Tools to Create Content in Various Indian Languages**
- **National Mission for MOOCs**
- **Measuring Multi-Dimensional Disadvantage and Composite Well Being Estimates.**
- **Cost of spreading ideas is almost zero with social platforms though data ethic is questionable.**
- **As Institutions and their Interests/Outcomes Merge, Think about what Media really means.**

12. CAG, CVC, CIC and LCI

- **Accountability and Analytics:** Anekantawad, Aparigraha.
- **Vigilance and Citizen-Led Awareness/Participation:** Asteya, Siddha.
- **Information and its Disbursal:** Satya, Ahimsa, Swaraj, Sarvodaya, Antyodaya
- **Consistency of Rules and Laws:** Satyam Shivam Sundaram as well as Taaleem, Tanzeem aur Tahzeeb

13. Legislature

- Decentralize
- Devolve
- Decouple
- Be Honest and Ethical, Associate with those who are as well.
- Aggregate individual manifestos and budgets into a collective for a party's platform or a national agenda.
- Make our Legislatures looks like India!

For Whom?

- WE, THE PEOPLE OF INDIA, having solemnly resolved to constitute India into a **SOVEREIGN SOCIALIST SECULAR DEMOCRATIC REPUBLIC** and to secure to all its citizens
- **JUSTICE**, social, economic and political;
- **LIBERTY** of thought, expression, belief, faith and worship;
- **EQUALITY** of status and of opportunity; and to promote among them all
- **FRATERNITY** assuring the dignity of the individual and the unity and integrity of the Nation;
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- **IN OUR CONSTITUENT ASSEMBLY** this 26th day of November, 1949, do **HEREBY ADOPT, ENACT AND GIVE TO OURSELVES THIS CONSTITUTION.**

And one more
thing!

- Dark Matter Exists, Live with it!
- Optimization can be linear, non-linear or convex 😊
- Have fun, don't overintellectualize!
- Simplify but not so much that is too simple.
- Localize but not so much it's only for the individual
- Empathize but not so much it leaves you dysfunctional.
- The most local is the self, the most fractal is our mind.
- Solve $P(1)$ first. $P(n)$ comes later.



Thank You!

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