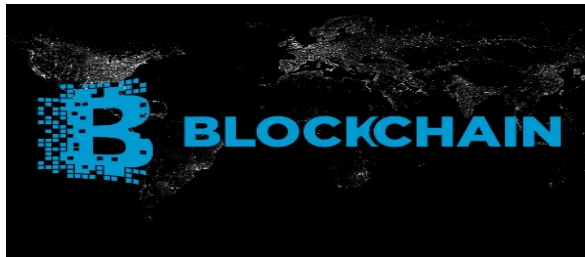
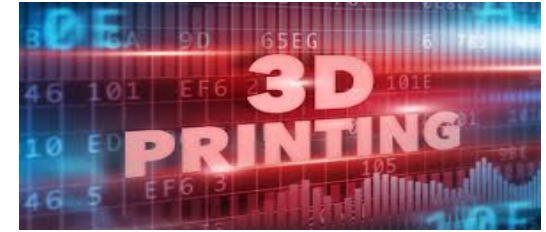
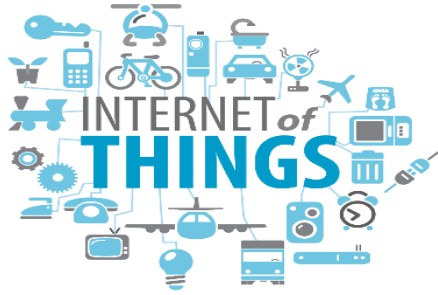


The Rise of Digital Technologies & Digitally Empowered Societies & Economies

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Rapid evolution and fusion of Digital Technologies driving Innovations globally

Rapid evolution and fusion of Digital Technologies driving Innovations globally



Advanced Transportations

Leading to new “Digitally Enabled” Applications, Business models, Social and Commercial innovation and entrepreneurship possibilities

Several Global Challenges in a world driven by Inequalities

But

Digital Technologies create Unique opportunities for
Social and Commercial Innovation with Global impact



Clean drinking water
for all



Affordable Housing for all



Healthcare for all



Education for all



Rural Infrastructure
Electricity for all



Rural livelihood
& Entrepreneurship



Digital Strategies

An Absolute must for Organizations and Governments

To enable socio-economic progress aligned with Sustainable Development Goals



Digital Solutions Imperatives

A Holistic Approach Needed

Innovation



- Creating a Digitally enabled Problem Solving Innovative mindset in Schools/Univ/Industry / Governments/NGOs
- Stimulating an ecosystem of innovation with Digital Innovation Labs, infrastructure
- Digital Innovation Global Recognition and Replication

Entrepreneurship

- Creating World Class Digital Innovation Hubs, Incubations
- Promoting thousands of social/commercial Digital innovations
- Nurturing creation of thousands of Digital Entrepreneurs globally

Preparing the Young for a Digitally empowered World

An example : Atal Tinkering Labs in India

Fostering Digitally Enabled Innovative Mindset in school students

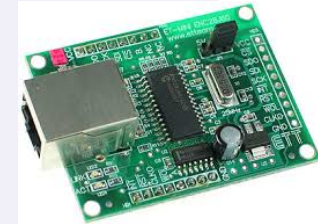
Biggest potential Digital Disruption in Formal education to stimulate an innovative mindset in school students in India

What are Atal Tinkering Labs?

- 1 Dedicated Work spaces to learn innovation skills & develop ideas
- 2 Hub for innovation, making & tinkering
- 3 Free space to think of new and different ideas
- 4 Equipped with tools to develop innovations across multiple sectors



**Rapid Prototyping
Tools (3D Printers)**



**Electronics
Development**



**Internet of Things
& Sensors**



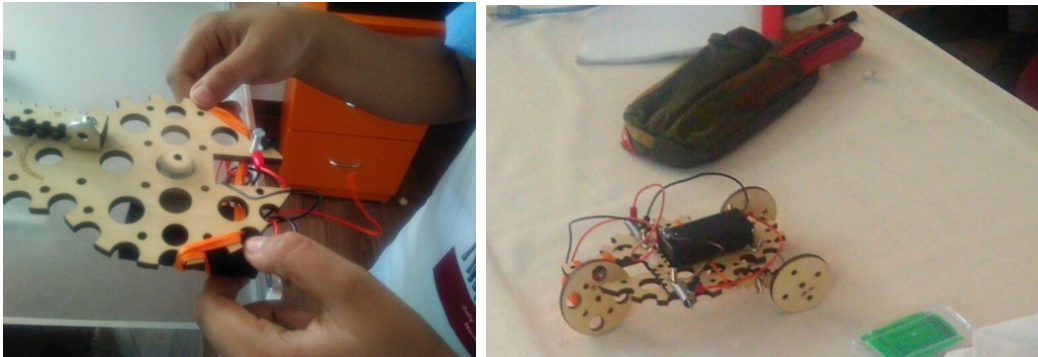
ROBOTICS

Preparing the Young for a Digitally empowered World

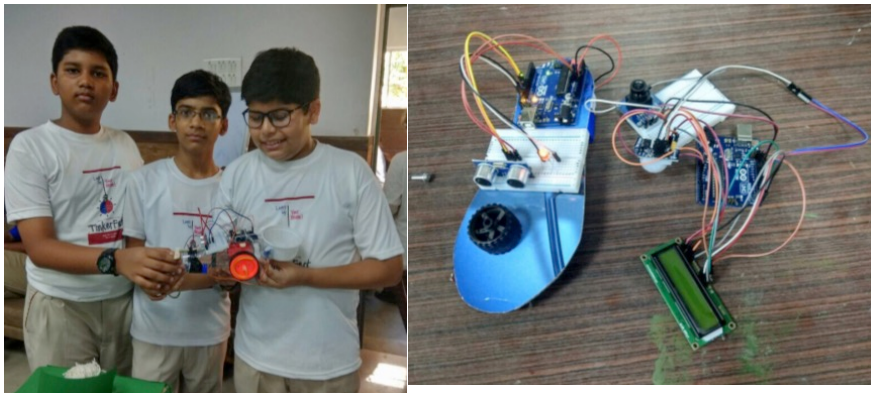
Fostering Digitally Enabled Innovative Mindset in students

an example: ATL Tinkering Challenges / Tinkering Fests / Tinkering Marathons in India

Suspension car, wheel launcher: IPS Gaziabad



Darbari Lal DAV Shalimar Bagh -Home anti-theft system, water pumping car

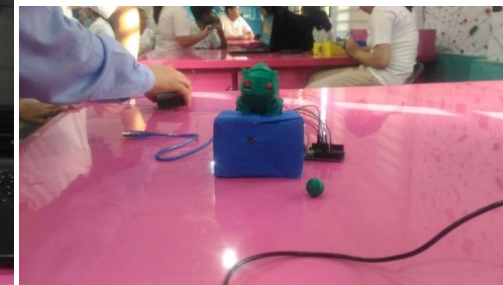


Chariot that kills its enemies : Blue Bells PS Gurugram



- **5441+ ATLs across India**
- **Covering 650+ districts**
- **32 states and 7 Union territories**
- **1+ million school Grade VI-Grade XII students**

Innovative light sensor devices and lamps : ASN Mayur Vihar

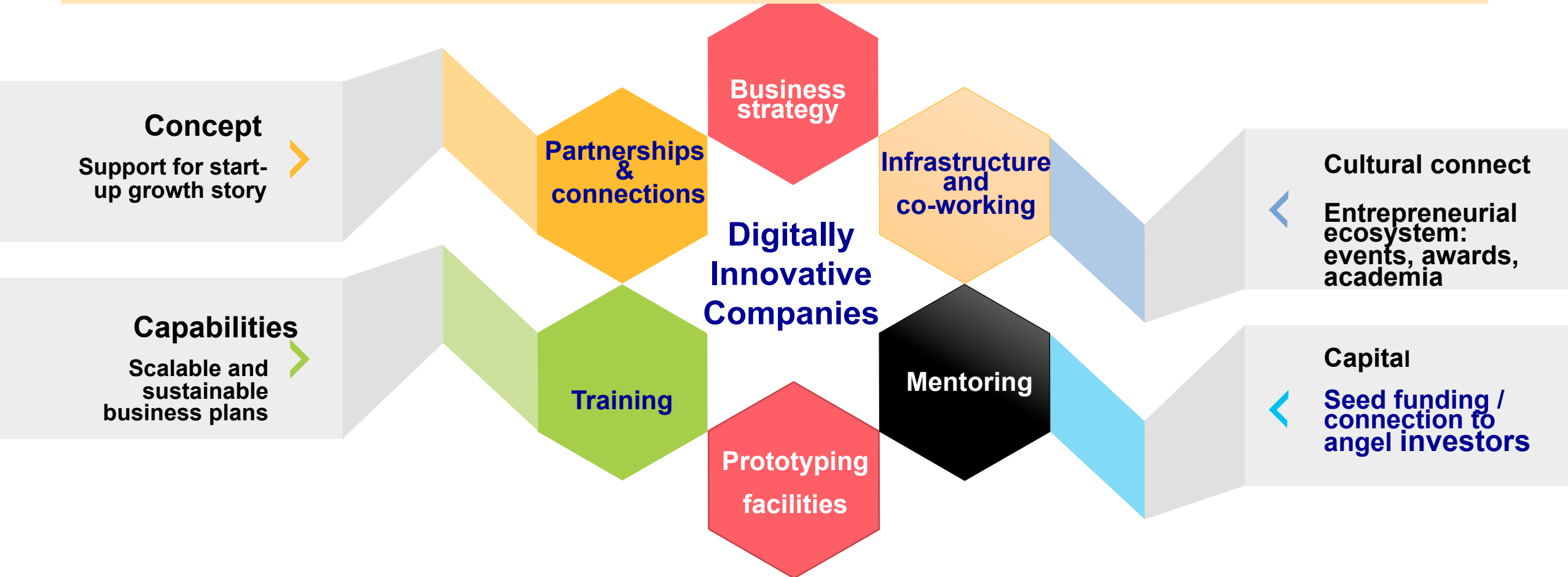


40000+ students across India created 6000+ innovations in Atal Tinkering Marathon held last year – Top 100 innovations recognition

Digital Innovation & Entrepreneurship in Universities and Startups and R&D Institutions

Exponentially being Enabled Globally through

Advanced Computing, Ubiquitous Connectivity, Fusion of technologies, Partnerships



Digital Innovations enable Reimagination of new Solutions for Diverse sectors while also bridging Social Inequalities

Great Opportunity for new Startups, Entrepreneurs, Corporates



**Agri-Farming,
precision Agriculture**



Farm produce



SME / Manufacturing



**Rural handicrafts &
Textiles**



**AI / Automation /Blockchain /
Robotics / Big Data**



Tourism



**Fintech – Microfinance
Rural Insurance**



**Rural Healthcare
Advanced Biotech**



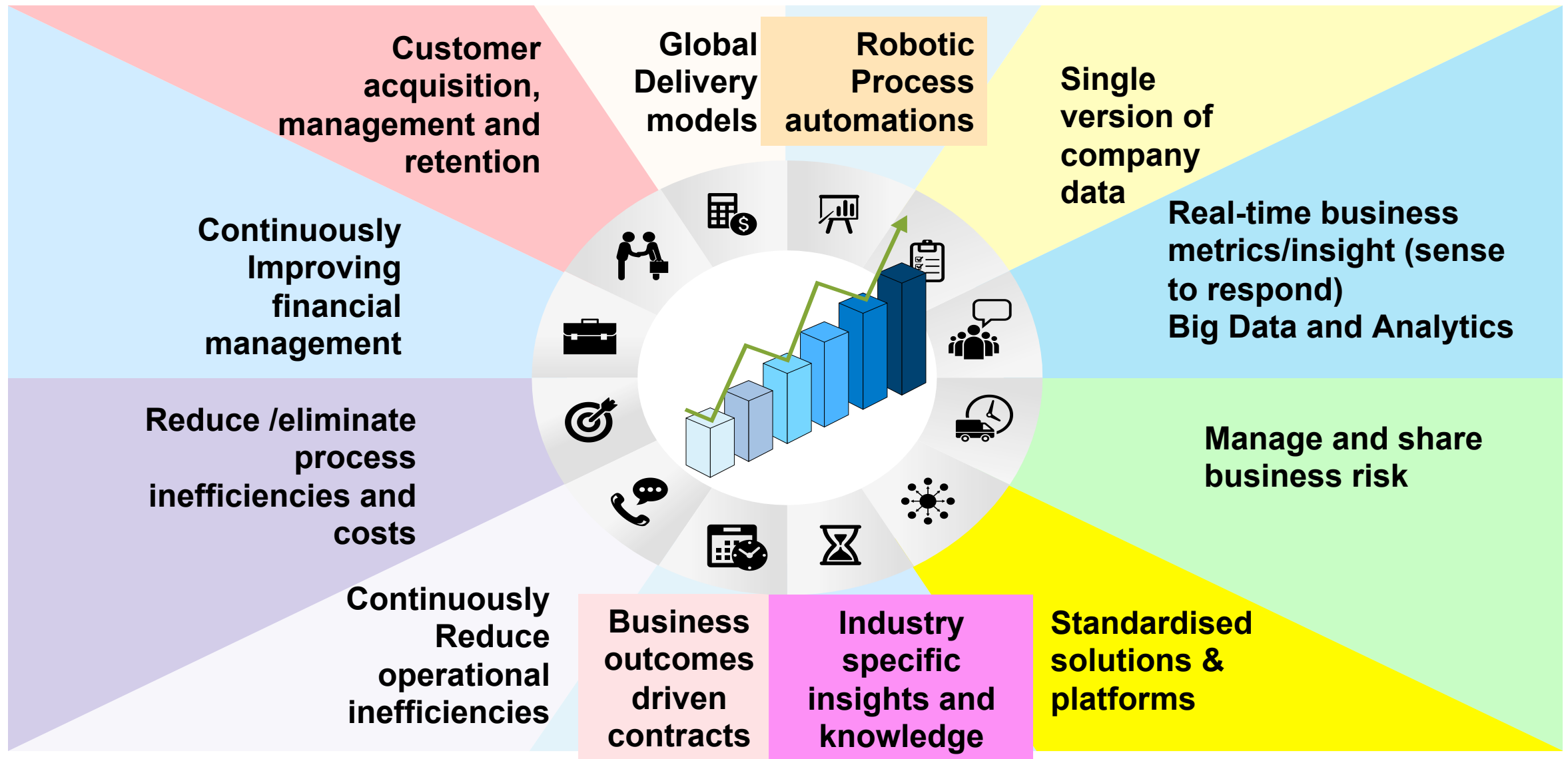
**Rural Education and
Vocational Training – VR/AR/DL**

IR4.0 & Digital impact in the Corporate world

Digital Re-imagination of every product and service
Economic and societal growth would be digital innovation driven

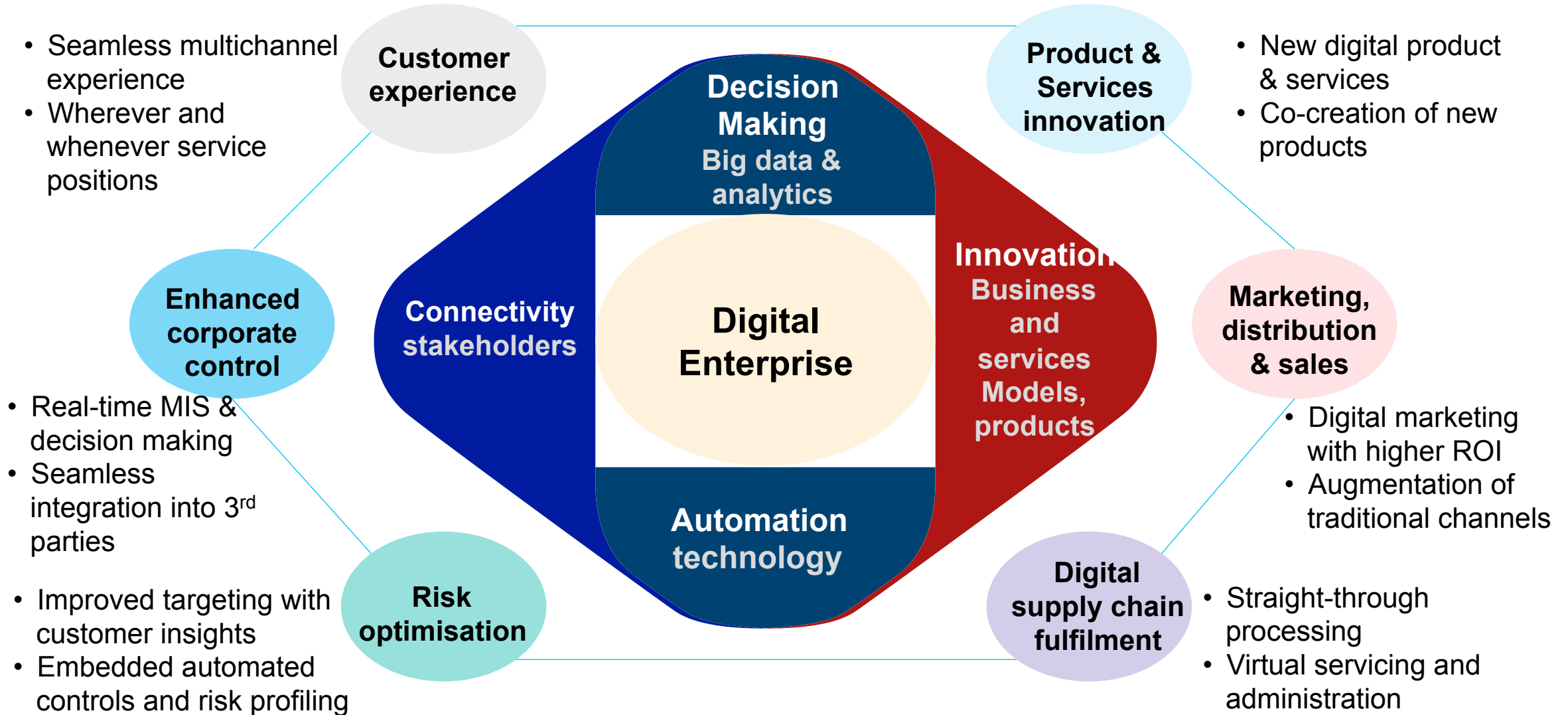


Rapidly advancing, affordable, Digital Innovations needed to address Key challenges and needs of Enterprises



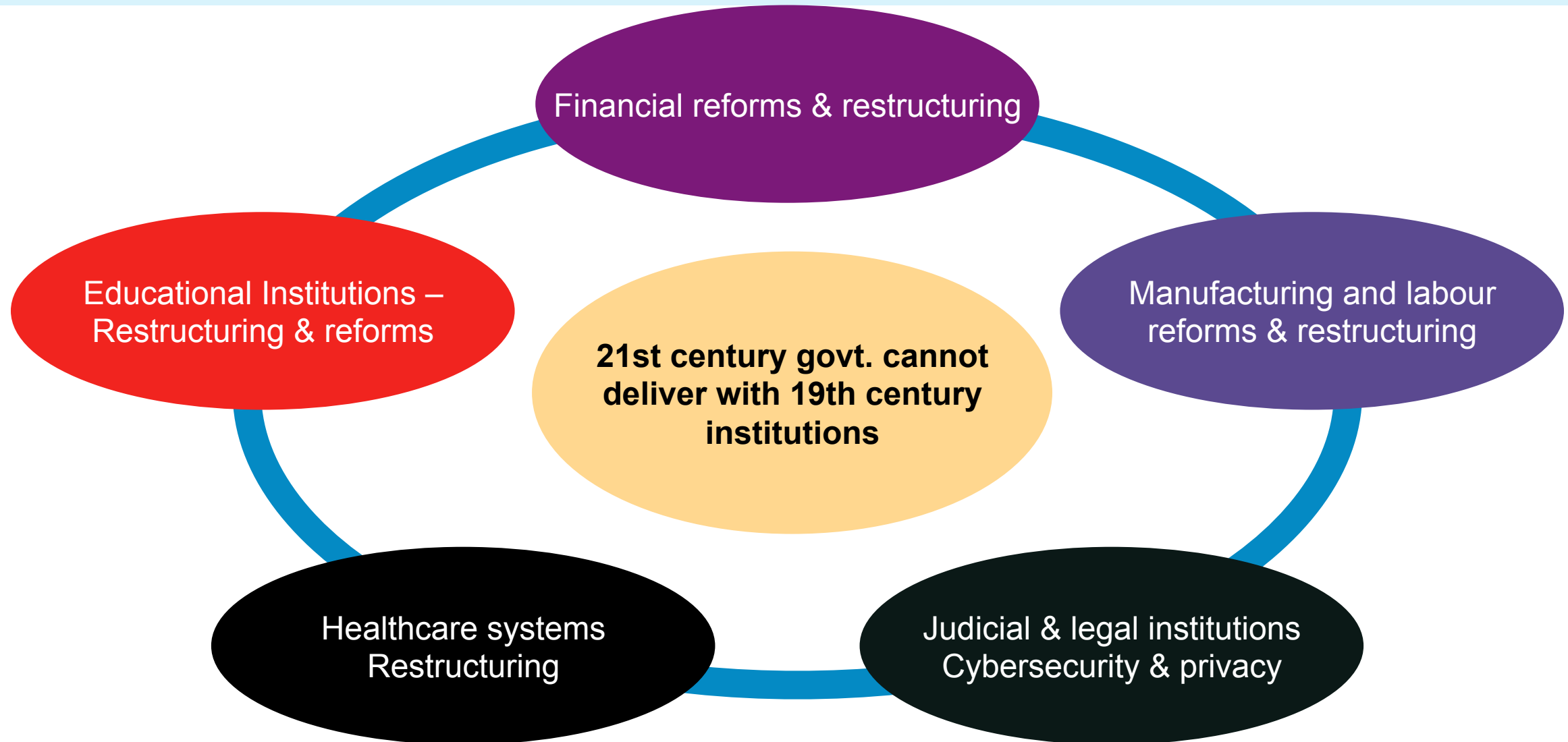
Survival of the fittest in the Corporate world would demand

Transformation of today's enterprise into a Digitally enabled Enterprise
For faster, better products and services with lower costs to end consumers



Meaningful Digital Impact to Societies & Nations needs Institutional and Legal Restructuring & Alignment by Govts

_to accommodate the Digitally powered world



Collaborations are the Keys for success for all in a Digitally Empowered Connected world



Thank You

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***Arise, Awake and Stop Not till your Goals are reached
..... Swami Vivekananda***