



Office of the Principal  
Scientific Adviser to  
the Government of India



**Vision:**  
Indian CST is to drive social transformation globally by  
digitally empowering the citizens of the world

**Objective:**  
Strengthen the journey with a resourceful and impact filled partnership.

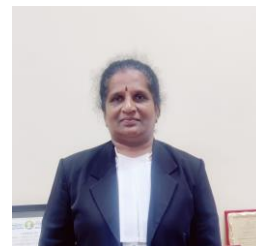
# Indian CST Trustee Board



**RAJA SEEVAN**  
CHAIRMAN & FOUNDER TRUSTEE



**PRAHALAD R**  
TRUSTEE & CA



**GIRIJA T.S**  
TRUSTEE & ADVOCATE

## Innovation Advisory Board & Experts



**Samir K Brahmachari** · 1st  
Doctor of Philosophy - PhD at Indian  
Institute of Science (IISc)  
CSIR Institute Of Genomics And Integrative Biolog  
• Indian Institute of Science (IISc)



**Narayan Bhargava** · 1st  
Visionary Businessman, creating  
opportunities to stay ahead of the curve.  
Chartered Accountant, Cost Accountant,  
philanthropist, Investor, Humanitarian and a  
serial Entrepreneur



**Shyam Mohan** · 1st  
Founder & Chairman at Tier 1 Network  
Private Limited  
Tier 1 Network Private Limited • Harvard Business  
School



**Nirmal Singh Saranna** · 2nd  
CEO at Fast Lane Automotive, - All India  
Vehicle Registration Data, Analytics &  
Reporting  
Fast Lane Automotive Pvt. Ltd. • Tile Hill Technical  
College, Coventry



**Bhavook Tripathi**  
CEO & Chairman  
Brahm Capital Partners

# Innovation Advisory Board & Experts Panel



**Dr. Rishi Pal Singh**

International Agri  
Business Expert



**Prithvi Kandriga**

The Kandrigas  
Bangalore



**Sourav Sachin** · 2nd

Solving problems that matter - Insuretech,  
and more

ClaimZippy.com • Indian Institute of Technology,  
Bombay



**Utsav Raja** · 2nd

Founder at ConfigLive - Cloud Security  
& Compliance Platform | Ex Directi | Ex  
Rediff | Ex BrowserStack | Hybrid Cloud  
Infra Specialist | Compliance & Security  
Consultant | Hiring for Tech, Growth and  
Product Roles



**Harish H V** · 2nd

Managing Partner at ECube Investment  
Advisors



**Rca Godbole** · 1st

CoFounder, CSO at SaliCrop, Israel

SaliCrop, Israel • The University of Freiburg



**Tinoo Ubale** · 1st

Accelerating Startups and Innovations |  
Ecosystem Development & Orchestration |  
Research and Practice | Expert Speaker

Adani Institute Of Infrastructure • IIMB • NSRCL



**Sharmila Dorairaj** · 1st

Associate Director, Quality Assurance at  
Axiom Real-Time Metrics

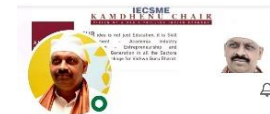
Axiom Real-Time Metrics • University of  
Wollongong



**Mukund Rajan** · 2nd

Chairperson at ECube Investment Advisors  
Private Limited

ECube Investment Advisors Private Limited •  
University of Oxford



**Vijay Tiwari** · 1st

President, Indo European Chamber of Small  
and Medium Enterprises

Indo European Chamber of Small and Medium  
Enterprises • Delhi University



**Aruna C Ramesh** · 2nd

Prof, Dr at MS Ramaiah Medical College

MS Ramaiah Medical College



**Ambuj Sinha** (He/Him) · 1st

Investment Banking (Private Equity) ||  
Business Insights & Strategy || HealthTech ||  
SportsTech



**Vidyadhar Mudkavi** · 1st

Scientist at National Aerospace  
Laboratories

CSIR Fourth Paradigm Institute - India • Caltech  
Benoaluru, Karnataka, India



**Alok Singh** · 3rd

Supervisor at Adani Transmission (India)  
Limited in 765kv Substation Hapur (UP)

Adani Transmission (India) Limited • UPBTE  
Lucknow



**Deepak Chandran** (He/Him) · 2nd

Executive Leadership / Entrepreneur /  
Innovator / Change Management /  
Emerging Technologies / Management  
Consulting / Global Business

# Indian CST Digital Transformation Services

## DIGITAL INFORMATICS

Research and Analysis | Need Identification | Crossdomain Consulting | Tech interventions

## DIGITAL INTEGRATION

FinTech & AgriTech | Genetics & Bioinformatics | IoT & AI Enablement | Traceability Solution

## DIGITAL TRANSPORTAL ENABLEMENT

Real Time Monitoring | Actionable Reporting | Knowledge Exchange | eMarketplace

## A Few Key Assets of Indian CST Digital Portfolio





# Indian CST Collaborator Ecosystem



- Over 2,00,000 individuals from Central and State Government , Private Organizations including ASHA Workers, trained for skill development to utilize the GPMS Application
- GPMS Applications are integrated with UMANG, CSC, Aadhar, Digi Locker, ISRO and NIKSHAY

# Implementations at National, State, City & Village Level Projects/Programs/Schemes/Citizens-Farmers Initiatives

- E-Gov project monitoring of over 1.10 lakh projects.
- Project Sanjeevani for [Bangalore University](#); implementation of education reforms for 3 lakh students semester exams across all 750 colleges & digitization of answer books
- [CVC India](#): QPR periodical submission online by all 2700 central govt. orgs, depts., etc.

- [Indo- American Hospital](#): 4 lakh+ Oncology patients digitised with scanning of all EMR
- [BBMP FMS](#): Projects, receipts, property tax online transactions involving Rs. 10,500 cr.
- [SBI](#): EKYC of 1.70 cr People  
CIF de-duplication
- [World Bank- UN](#) Prototype  
Tested in 207 Countries

- [Epashuhaat](#)- e-Gopala Pan India- 7.40 lakh villages
- [Universal Health Care](#)- Karnataka 30 Dists both [Central & State govt. & Pvt.](#)
- [Tumkuru smart city](#) & Municipality  
UMANG, CSC's
- [KISANMITR](#)- Pan India & 18 Countries
- [Atmanirbhar Krishi](#) App Launch
- [BIRAC UHC](#)- 7 States
- [ICMR UHC](#)- 2 States

- Set-up of a Joint Venture with [Brahm Capital](#) to ensure scalability, stability for global markets & branding  
Integration of the following solutions
- [Kisanmitr Version 2.0](#)
- Start Up Funding and Scale Up
- E-commerce Platform
- Global Brand Value Chain
- IoT, Digital X-Ray, disease detection based on AI / ML
- Voice Enablement
- [Digital School](#)
- Data Flow Automation

2009-2011

2011-2015

2015-2018

2018-2023



# GPMS Transportal E- Pashuhaat

- Successful Pan India implementation, 7.5 years running live.
- Reaching farmers at village level directly.
- Reaching farmers at village through 5 lakhs CSC.
- Doubling farmers income.
- Tracking the frozen semen straw and through progeny testing .
- India Market Place Portal for buying/selling of livestock, milk and milk products, cow urine and cow dung
- 18 lakh verified cattle registered by Farmers.
- Platform available for replication in other countries.
- <https://epashuhaat.com>

Providing Cattle Germplasm Services at Farmers Doorstep and For Doubling Farmers Income

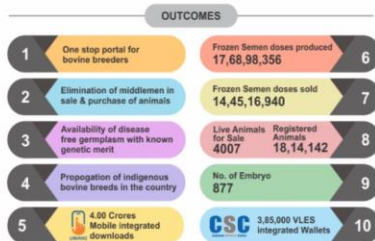


# GPMS Transportal

## E- Pashuhaat



Pashu Bazaar (पशु बाजार) /  
e-pashuhaat portal  
(ईपशुहाट)



01

One stop portal for bovine breeders, sellers and buyers.

02

Minimizes the involvement of middlemen & Increase farmer's income.

03

Availability of disease free germplasm with known genetic merit.

04

For more information, Contact

Toll Free Number:  
1800-180-1551 / 1800-258-2010

[www.epashuhaat.gov.in](http://www.epashuhaat.gov.in)

Hosted on CSIR-4PI, Govt. of India

पशुपालन और डेयरी विभाग  
DEPARTMENT OF ANIMAL  
HUSBANDRY and DAIRYING  
Pashu Bazaar (पशु बाजार) / Epashuhaat  
(ईपशुहाट)  
E-Pashuhaat GPMS Transportal  
Toll free number: 1800-258-2010

Companies may apply to concerned Livestock Development

e-GOPALA

636  
Animals Available for sale  
₹ 2,97,25,580.00

18,01,663

No. of Farmers

25,64,98,083

Frozen Semen doses produced

21,49,12,094

Frozen Semen doses Sold Amount  
₹ 4,72,83,74,677.95

8,85,83,968

Stock of Frozen Semen Doses  
₹ 2,51,15,96,406.75

11,80,000

Sex Sorted Semen

8,85,83,968

Stock of Frozen Semen Doses  
₹ 2,51,15,96,406.75

11,80,000

Sex Sorted Semen

1,771

No. Of Embryo  
₹ 1,01,84,42,551.00

98,874

No. of Organizations

1,67,973

No. of AI Technicians

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<https://epashuhaat.com/>

<https://epashuhaat.com/>





Providing Digital Healthcare Services at  
Patients Doorstep and for Affordable  
Healthcare For All

Empowering Nation ... Empowering Citizens

# Universal Health Care

- **Geno Cluster-** Resulted in the identification of 4 new SARS virus, which led to the invention of CoVaxin
- Identification of 20 novel lead molecules in MTB including 4 FDA approved drugs
- Real time monitoring system for policy decisions for SDG 3.0
- Implemented in Karnataka state for the last 5 years, ongoing with a 10 year MoU with the government
- Real time dashboards and mobile applications
- End to end ICT integration, GPMS Transportal integrated with IoT
- Available for replication in all other states of India and other developing countries<sup>1</sup>
- <https://indiauhc.indiancst.com/India/uhc/>

# ICMR GPMS TB TRANSPORTAL

GPMS TB Transportal: Digital solution to track the missing million across healthcare cascade

## TB HAREGA DESH JEETEGA

Direct intervention of ICT for ACF using GPMS ACF Online will drastically reduce cost and improve accuracy of data (scalable and low cost model).

In collaboration with and supported by :



Digital Platform to detect almost all patients and track every Patient



- Supporting the National Vision of a TB Free India.
- Successfully screened over 60,000 households in 4 districts for Active Case Finding, identified over 5000 positive patients and placed them under NTEP Treatment program.
- 84% of Identified positive patients are now TB free.
- Available for replication across India under the National Tuberculosis Elimination Program for integration
- Replication for other states and developing countries.
- <https://indiauhc.indiancst.com/India/universalhealthcare/?module=main&action=Signinn&no menu=1>

# BIRAC National Hospital Based Multi-Centric Diabetes Registry



**Universal  
HEALTHCARE  
Services**

Providing Digital Healthcare Services  
at Patients Doorstep and  
Affordable Healthcare For All



**National Hospital Based  
Multi-Centric Diabetes  
Registry-HMDR**



 OFTEN THIRSTY
  HIGH BLOOD PRESSURE
  OFTEN HUNGRY
  BLURRED VISION
  WEIGHT GAIN

 FREQUENTLY URINATION
  FEELING SLEEPY
  WOUNDS HEAL SLOWLY
  FEELING WEAK

- A National Diabetes Registry Platform to monitor diabetes mellitus in the country
- Ongoing project in 7 government and private major hospitals across India
- Diabetes repository created with the Out Patients dept. of each of the collaborative hospitals
- Helps in management and Real Time monitoring of Diabetic patients in India
- Implemented across New Delhi, Karnataka, Meghalaya, Kolkata, Amritsar, Tamil Nadu and Kerala state

• <https://indiauhc.indiancst.com/India/birac/index.php>





Office of the Principal  
Scientific Adviser to  
the Government of India



## A Positive Movement To Garner Scientific Community and Technologists

**TO SUPPORT FARMER INCOME**

An Attempt To Make Them Self Reliant (Atmanirbhar)



Indian Centre for Social Transformation in Association with  
Office of the Principal Scientific Adviser to the Government of India.

**PRESENTS "NATIONAL DIGITAL PLATFORM" FOR FARMERS**

**CLICK TO VIEW**

[https://youtu.be/rNIZ\\_v2FPJo](https://youtu.be/rNIZ_v2FPJo)  
<https://www.youtube.com/watch?v=BtF2FM1-5PB>  
<https://youtu.be/-oBg0epXh5I>

**PRESS RELEASE**

<https://pib.gov.in/PressReleaseSelfFramePage.aspx?PRID=1733374>  
<https://pib.gov.in/PressReleaseDetailm.aspx?PRID=1731175>

**DOWNLOAD**

The Atmanirbhar Krishi Android app is now available on Google Play Store.  
<https://play.google.com/store/apps/details?id=gov.psa.atmanirbhar.krishi>

In case of any queries, please write to  
[kisanmitr@indiancst.in](mailto:kisanmitr@indiancst.in)

For more information, please call us on our  
TOLL FREE NUMBER **1800 258 2010**

Thanks and Regards,  
Team **KISANMITR**

Office of the Principal Scientific  
Adviser to the Government of India

Visit Our Website : <https://kisanmitr.gov.in>

Indian CST

# GPMS Transportal KISANMITR

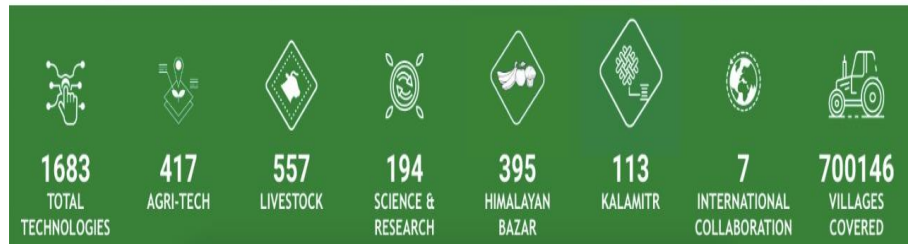
- "Friends of the Farmer"
- A national movement for the digitization of Agriculture
- An initiative of the Principal Scientific Adviser to the Government of India
- To support farmers income and attempt to make them self-reliant (Atmanirbhar)
- India Marketplace for Technologies, Products, Produce, Processed Foods , Information Exchange etc.
- Conducted Vernacular Webinar series/Outreach programs across India
- Integration with 21 Ministries of Govt. Of India and Departments data like Soil health via ISRO satellites
- The platform can be accessed and used by- central, state government, municipalities, panchayat, citizens, farmers and globally
- <https://kisanmitr.gov.in/>



# GPMS Transportal Impact of KisanMitr

## Real-Time Analytics

### REAL TIME ANALYTICS



## KisanMitr Platform

One Lakh Farmers Trained in M.P for soil health management | Atmanirbhar Krishi App helped millions of farmers access the latest agritech and Infomatics

## KisanMitr Webinar

Helped showcase more than 150 Agritech Products in farm management, post harvest management and allied agriculture | Special mentoring sessions and online events during the pandemic helped thousands of farmers

## KisanMitr Digital

Integrated with UMANG, CSC, Aadhaar, DigiLocker, ISRO | Digital Platform Partner for National Clean Ganga Mission in Orissa | Universal Health Care integrating Human, Animal and Soil health onto One Platform

# GPMS Transportal Impact of KisanMitr

## HIMALAYAN BAZAAR



**Himalayan Bazaar** is a marketplace for farmers in the mountain region. This region is known to produce high nutrition food items in its plains and medicinal plants in remote forest areas. This digital platform shall allow farmers to connect and transact with various large retail aggregators, local mid-day meal providers, FPOs, SHGs, NGOs dealing with malnourishment programs.

## HIGH PERFORMING PRODUCE IN (KGs) HIMALAYAN REGION



An overseas individual/institute/organisation aspiring to know more about Indian products or technologies showcased in Agri-tech and Livestock domains may fill and submit 'invitation to collaborate'.

INVITATION TO COLLABORATE

Once the above form is received, CII-GITA shall enable the process and close the sign-off process.





**CITIZEN F.I.R.S.T**

- F** Financial Sustainability
- I** ICT usage in Public Service
- R** Redressal of Grievances
- S** SDG 2030 to be Achieved
- T** Time of travel and Tax Compliance to Improve

# GPMS Transportal

## Smart City

- Real time monitoring of projects, programmes, schemes and beneficiaries.
- First implemented in Bangalore BBMP, Tumkur Smart city, Karnal Smart city and 18 other Karnataka Municipalities
- Increasing revenues of municipalities in Property Tax and other receipts
- Real time monitoring of election booths
- Available for replication in other developing countries, municipalities, 2-3 tier cities, NHAI, smart city, and Gram Panchayats.
- <https://tscl.indiancst.com/India/Citizen/login/index.php>

# GPMS Transportal

## Nand Baba Milk Mission

### Dairy Development, Uttar Pradesh

#### Nand Baba Milk Mission

- Although Uttar Pradesh is the largest milk producing state in India, yet milk processing in organized sector is less than 12%.
- While India's average milk processing is 17% and Gujarat's milk processing is the highest at 49% in the country.
- To improve rural Infrastructure Facility for Milk Development Program
- Establishment of Bulk Milk Cooler
- Automatic Milk Collection Unit
- Loans to establish milk processing and storage units

Submitted by –



# GPMS Transportal

## Farmers Business Network



- Integrated on KisanMitr for Mobilizing Farmers through the following aspects:
- Finance: Micro loans for equipments, land and other operational inputs
- Insurance for Crop loans, Land, and machinery
- Market Place to sell products, produce and services.
- Data-backed, farm-tested insights and a global farmer community to help make confident decisions that improve the bottom line.
- Cutting edge marketing and risk management services to help maximize the value of crops.

# GPMS Portal KisanMitr Version 2.0

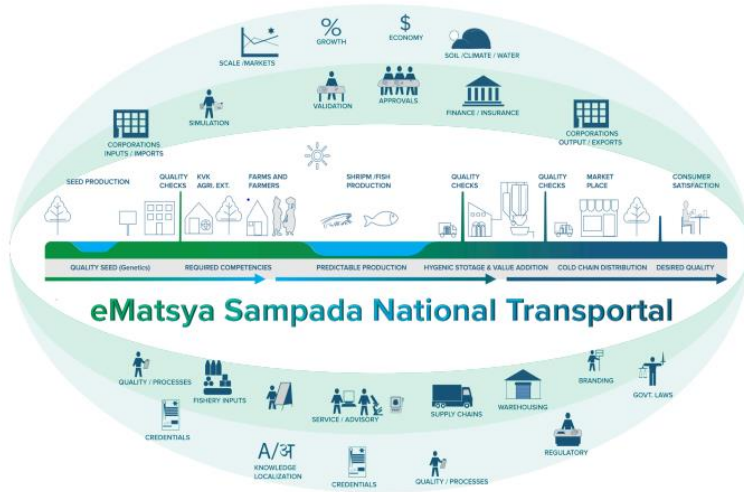


- Enablement of E-commerce on the portal
- Registration of Farmers, FPOs, Start ups and agritech organisations
- Integration of payment gateway to facilitate online transactions
- VC and Private Equity investment for start ups, FPOs and market ready products.
- Insurance to farmers for farm, equipment and crop protection.

# GPMS Transportal Kisan Credit Card

## Kisan Credit Card

- KCC integration on Kisanmitr Platform to digitize the scheme for farmers
- Loans of 16.5 lakh, 10 lakh and 3.5 lakh to be disbursed at subsidized rates to farmers
- Provision of savings bank account at good interest rates.
- Available for farmers, dairy farmers, fishermen, women oriented self help groups, animal husbandry organisations



- Ecosystem Partner Registration: Hatchery, Production Units, Processing Units & Fish Markets
- Monitoring of Production, Yield and Quality by Species, Habitat and Geography.
- Need and Requirements at each level in ecosystem.
- Production Planning by Species, Habitat and Geography.
- Implementation and Tracking of Schemes, Monitoring effectiveness of Subsidies and Loans.
- Assessment and Monitoring of Grading and Quality Assurance across ecosystem.



# Thank You



For More Details Contact:

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Chairman & Founder Trustee  
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