



# GPMS TRANSPORTAL

## GLOCAL PROJECT MONITORING SYSTEM

Hosted at India's own Super Computing Infrastructure at CSIR4PI

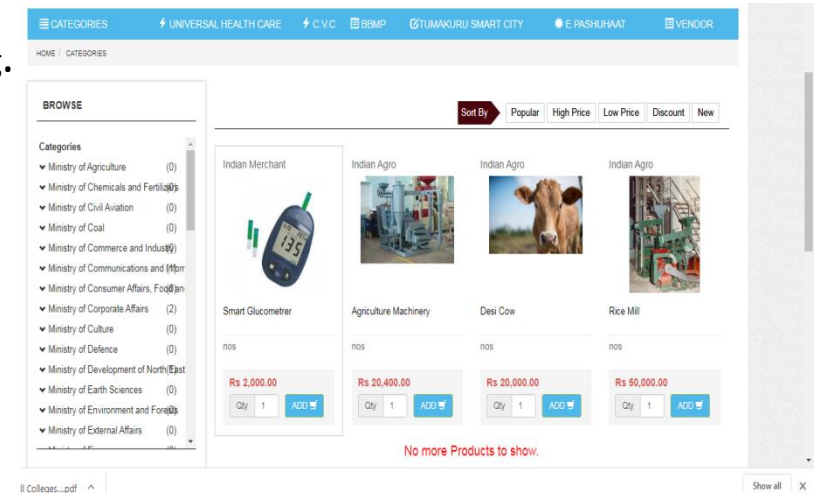
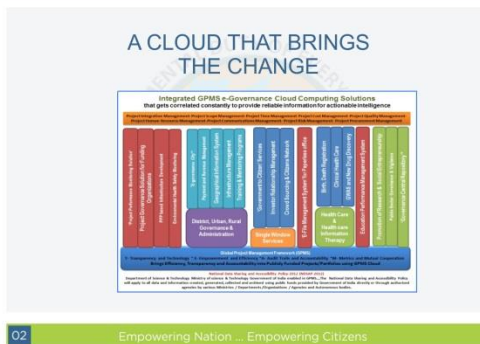


## India's Central Repository Data Park

**Glocal Project Management Solutions** – An Innovative Transportal to make evidence based predictions with big data analytics and strategies on optimal interventions for Real Time Decision Making.

### Some of the Users are:

- Central Vigilance Commission,
- Bruhat Bengaluru Mahanagara Palike
- Bangalore University
- National High Way Authority of India
- State Bank of India
- Basavatarakam Indo American Cancer Hospital & Research Institute
- National Productivity Council
- GPMS Transportal for Universal Healthcare for the Karnataka State Government
- Tumakuru Smart City
- Tumakuru City Corporation
- World Bank Organization
- Team One World



Apart from the above initiatives, the case study- The Ph.d thesis on GPMS by Dr. Mitchell J. Cook at the MASSACHUSETTS INSTITUTE OF TECHNOLOGY, 2018 was awarded and PMI National Conference Paper, 2016



# E-Pashuhaat GPMS Transportal

Hosted at India's own Super Computing Infrastructure at CSIR4PI

<https://epashuhaat.gov.in>



Indian Centre For  
FUNDAMENTAL DUTY OF EVERY CITIZEN  
AFTER INDIAN CONSTITUTION  
Social Transformation  
A Public Charitable Trust (Regd.)

This becomes the **World's First portal** which was launched and is operational from 26<sup>th</sup> November, 2016. by the **Ministry of Agriculture and Farmers Welfare, Government of India**, under the Department of Animal Husbandry, Dairying and Fisheries (DADF).

## E-Pashuhaat GPMS Transportal in GOI. Mobile Apps UMANG

- ❖ One stop for bovine breeders, sellers and buyers
- ❖ Minimizes the involvement of middlemen and Increase farmer's income
- ❖ Availability of disease free germplasm with known genetic metric
- ❖ Information on Veterinary Dispensary/Veterinary Hospital/Artificial Insemination Center/Mobile Veterinary Center etc.,
- ❖ Integrated with Blockchain - KYA

### Current Status

18,13,348  
No.Of Live Animals



29,160  
No.Of Organizations



11,50,44,903  
Frozen Semen Doses  
Produced



9,03,47,688  
Frozen Semen Doses  
Sold



**Services Provided through the Portal** Training, Animal Certificates Services, Certification Verification Services, Nutritional advisory service, Good care practice, Health Card Services, Fodder Services, Artificial Insemination Services, **SMS reminder services, Disease Screening and Testing, Mail reminder services**



**Aims and Objectives** E-Trading Market portal for livestock germplasm and additional related services, Will connect farmers with breeders - Central, State, Co-operative, Milk Federations, and private agencies, Real time authentic certified information on availability of germplasm, Details of the Portal Exclusive site for farmers as Farmers platform, The Farmers platform on the main menu of the website will provide, 3 options in Germplasm marketplace for Animals, Frozen Semen and Embryos, List of suppliers, It will establish links between "farmer to farmer" and "farmer to Institutes".

### Ongoing to be launched soon in India

- Integration of 3,85,000 CSC outlets with Animal Tele Medicine
- Integration of Multiple Bank Payment Gateways with Intelligent Router
- Integration with Kisan Suvidha 20 Crores registered Farmers
- Integration with INAPH Database
- Integration with NSDL pay.gov.in payment gateway for International
- Integration with NeGD 17 Indian languages, Aadhaar,

### Targeted Outcomes

**For Farmers:** One stop portal for bovine breeders, sellers and buyers, Creating and Comparative Farm Network, Making Farmers exchange local knowledge and resources, Availability of disease free germplasm with known genetic merit, Minimizes the involvement of middlemen and Increase in farmers' incomes

**For Government: Central/States/UT :** One stop portal for bovine breeders, sellers and buyers, Creating and Comparative Farm Network, Making Farmers exchange local knowledge and resources, Availability of disease free germplasm with known genetic merit, Minimizes the involvement of middlemen and Increase in farmers' incomes

**Targeted Genetic Development:** Assessing need for Infrastructure and Education, Global recognition for using data mining and analytics, Capacity building at all levels.





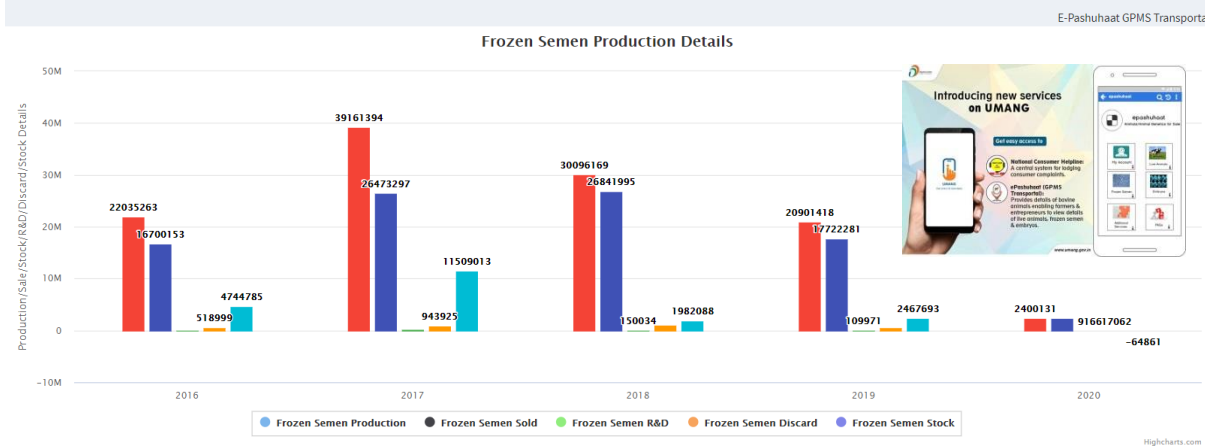
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## Frozen Semen Production Details 2016 - 2020



Current Status  
**Re. 187.00 Crores**

Frozen Semen Straws Sold  
Cash on Delivery  
Transactions

Work In Progress

**1,65,000**  
Post offices across India

E-Pashuhaat GPMS Transportal Integrated  
with **UMANG** Mobile App

Crosses

**2.00 crores**

Mobile downloads till date

On Going  
integrations with  
Common Service Centers

**3,85,000**

Outlets  
Kisan Suvidha

**20 Crores**  
Farmers

Hosting / Infrastructure Required (Re. in Lakhs)

**Re. 2220 lakhs**  
For 5 Years



Rashtriya Gokul Mission (RGM)



Launching Soon

- Integration of Multiple Banks Payment Gateways
- Integration with INAPH Database
- Integration with NSDL Pay.gov.in and Bill Desk
- Integration with NeGD Indian 17 Languages





सत्यमेव जयते



# E-Pashuhaat GPMS Transportal

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<https://epashuhaat.gov.in>



Indian Centre For



Social Transformation  
A Public Charitable Trust (Regd.)

## Features:

- ❖ One stop India Market Place for bovine breeders, sellers and buyers
- ❖ Minimizes the involvement of middlemen and Increase farmer's income
- ❖ Availability of disease free germplasm with known genetic metric
- ❖ Information on Veterinary Dispensary/Veterinary Hospital/Artificial Insemination Center/Mobile Veterinary Center etc.,
- ❖ Integrated with Blockchain – KYA
- ❖ Aadhar and Ration Card Integration
- ❖ Multiple Banks Payment Gateway Integration for online transaction
- ❖ Real Time Monitoring – Evidence based Analytics enabled
- ❖ India Sire Directory enabled
- ❖ Location wise AI Technicians/Veterinary Doctors contact information available on line
- ❖ 19<sup>th</sup> Livestock of India Dashboard

## Current Status

**29,161** Semen Station/Institution/Organization of State Govt, Central Govt and Private has been registered

**56,166** Users are registered. This includes Institute users, AI Technicians and Veterinary Doctors, Farmers across India

**18,13,348** Live Animal information with Dam and Sire Information updated in the portal

**11,51,18,500** Frozen Semen Stock Production reported

**9.04.61,423** Frozen Semen Stock has been sold so far

**5,08,15,655** Frozen Semen Stock available as on date

INDIA					Pincode				
	NO. OF LIVE ANIMALS		FROZEN SEMEN DOSES PRODUCED		FROZEN SEMEN DOSES SOLD AMOUNT		STOCK OF FROZEN SEMEN DOSES		
	18,11,526		10,15,18,707		7,77,78,220		5,11,80,338		
	NO. OF EMBRYO		NO. OF FARMERS		NO. OF ORGANIZATIONS		NO. OF AI TECHNICIANS		
	371		18,11,526		29,160		55,159		
STATE/UT	DISTRICT	TALUK	PANCHAYAT	VILLAGES					
36	30	0	0	0					
Karnataka	-Select-	-Select-	-Select-	-Select-					
	Live Animals		Frozen Semen Stock		Organisations		Farmers		
	17,89,742		30,90,462		25,056		26		
	<a href="#">View Details</a>		<a href="#">View Details</a>		<a href="#">View Details</a>				

	HOUSEHOLDS		CATTLE INFO		BUFFALO INFO		SHEEP INFO
	1,37,11,478		95,16,484		34,70,505		88,27,491
	PIG INFO		CAMEL INFO		HORSES PONIES		GOAT INFO
	3,04,798		151		0		95,92,294
	MITHUN YAK		POULTRY		OTHER ANIMALS		ADS
	0		97,00,025		12,98,888		
	ACTIVE VISITORS ON SITE		TOTAL COUNTRY COUNT		TOTAL CITIES COUNT		TOTAL SITE VISITS
	0		113		200		64,095





# GPMS Transportal for Tumakuru Smart City

Hosted at India's own Super Computing Infrastructure at CSIR4PI

<https://tscl.indiancst.com>



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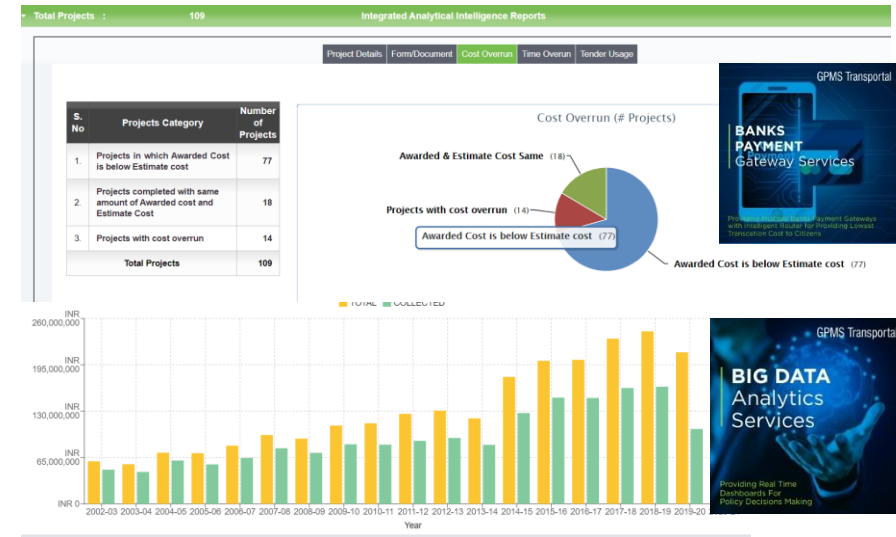
**Project Monitoring System:** Cloud based Project Monitoring System, Scalable Project Monitoring System, Data Analytics and Decision Support System, Business Processes Improvement Solutions, Communication Management System, Document Management System, Quick & affordable e-governance solutions and Cost Effective Cloud Computing Services.

**Financial Management System:** Citizen can apply for various certificates from Municipal corporation, Make Payment and collect Receipt Online.

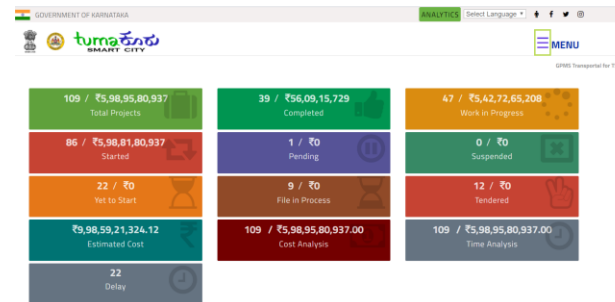
**Document Management System:** Internal File sharing and File forwarding among TSCL officers

**Property Tax Analytical Dashboard:** Commissioner and AROs are enabled with Year wise/Property Category wise Tax/Ward wise Tax Collected and Outstanding custom reports. AROs can download the missing PID information and update those information against the PID.

**Features:** File Sharing and Forwarding, Milestone and Task Management, Cost Analysis, Procurement Analysis and Time Analysis, Custom Report generation, Stakeholder access and Bill Payment. Dashboard and Abstract Report, Quarterly Report, Duplicates and Missing project's information identification, Proceedings and Meeting Minutes, Notesheet, Uploading of all project related documents against the project online, Helpdesk/Online support, SMS and Video Call enabled



**Citizen Access:** Citizen can view the current status of the projects running in their ward and give necessary feedback on the same.



**Citizen Services integrated with UMANG:** One stop portal for a citizen to access all Central, State and Local government services through their mobile online.







सत्यमेव जयते



# GPMS Transportal for Universal Healthcare

Hosted at India's own Super Computing Infrastructure at CSIR4PI



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Karnataka  
Rajasthan  
Himachal Pradesh  
Punjab  
New Delhi

## Universal HEALTHCARE Services

An innovative digital cloud computing platform to detect  
all the patients and track every patient

**INTEGRATED PLATFORM**

Subject ID: MR 001

Search

Subject Information

Subject ID: MR 001, Registrat: 10/10/2008, Corporate: ING, Employee: IN0001, Employee: Sumalatha, Designat: Manager, Name Pre: Miss, First Name: Sumalatha, Last Name: Raghavan, Date o: 05/04/2008

Image Investigation

Subject ID: MR 001, Date acquired: 11/03/2008, Image Type: MRI Breast, Image Format: DICOM, Report Name: IP001 MRI Br..., Report ID: RP001, Image Path: C:\PACS\SMR..., Radiologist: UWW

Phenotype Assessment

Subject ID: MR 001, Rater ID: SAM001, Interview: 11/03/2008, Consent: yes, Blood dra: yes, DNA ID: DNA001, Genotypin: yes, Anemia: yes, BP: no, Pulse: 70

Clinical Data

Subject ID: MR001, Complaints: Depressi..., Diagnosis: ooperecto..., Medicine: Temoxifen, Dosage A: 1mg, No Of Days: 60, Ouanity: 3, Special In: Before food, Follow Up: none, Height: 150

Investigator Details

Subject ID: MR001, Investigator City: bangalore, Investigator DOB: 10/01/1955, Investigator Sex: male, Investigator Blood Gro: A+

Sample Management

Subject ID: MR001, Blood Group: AB+, Collection Cen: Red Cross, Pro Transfusio: 10/10/2008, No. of Units: 7, Hb (gm/dl): 10, Department: 141, coding

Variation Study

Subject ID: MR001, Medical R: IP001, Hetrozygo: 005, Function: coding sy, Chromos: 17q21, Allele: T, Protein R: Pleryl ala, Method Cl: sequence, Disease: Breast ca, Protein: Nucle

Drug Side Effects

Subject ID: MR001, Irritability: Loss of a..., Low-grad: Redness, Tendeme: Lump att., Sleepiness: Vomiting

MONITORING OF MOTHER AND CHILD WITH CHRONIC DISEASES HEALTH RECORD WITH BIG CLINICAL PERFORMANCE

1. MASTERS

2. TOTAL POPULATION: 6,10,95,267

3. BATTION CARD HOLDERS: 1,16,99,815

4. BENEFICIARIES: 5,23,74,906

5. FAIR PRICE SHOPS: 18837

6. PHCs: 2022

7. SUB-CENTERS: 9130

8. DOCTORS

9. ASHA WORKERS: 12861

10. ANMs: 1133

11. TOTAL AMBULANCE: 1350

12. PATIENT REGISTRATION: 62,397

13. CDR

14. ICU

15. BIRTH: 3,01,999

16. DEATH: 11,211

17. STILL BORN: 9450

18. STOP-TB ANALYTICS: 6,33,593

19. MALARIA: 30,560

20. DENGUE: 142

21. CHIKUNGUNIA: 1435

22. CHOLERA: 58

23. DIABETES: 23,423

24. EPILEPSY: 1169

25. HYPER TENSION: 33,735

26. CANCER: 408

27. FSSAI

28. CARDIAC: 461

29. HEALTH INFRASTRUCTURE: 15,130

30. NRC

31. NCD

32. REMBURSEMENTS: 5,55,98,864

33. ERANKOSH

34. PHCMIS

35. KPM

36. SNUC

37. PCPNIT

38. SAST

39. E-AROGYA

40. MENTAL HEALTH

41. ASHA SOFT

42. MSHS

43. MCTS

44. JEEVA-SANJEEVINI

45. ELAJ

46. DRUG INVENTORY

47. RSBY

48. UHC

49. DISABILITY SOFTWARE

50. TELE MEDICINE

51. RNTCP

52. BDP

53. HIMS

54. E-HOSPITAL

55. E-KIRANA

56. RBK

57. HELP DESK

58. TMS

59. NFDS

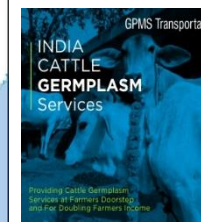
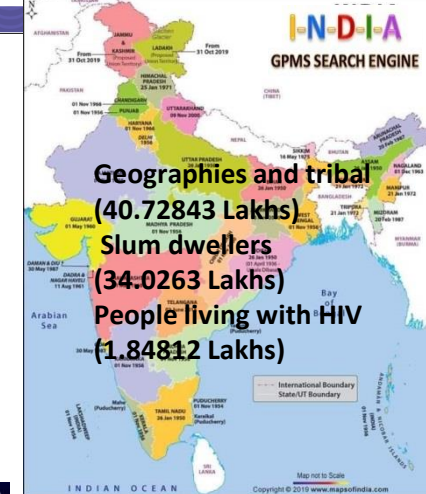
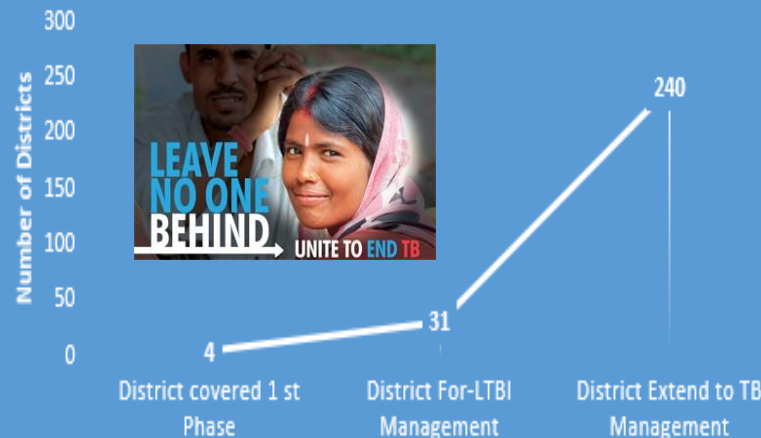
60. MR

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



Indian CST's GPMS Healthcare Information Therapy Transportal

## GEOGRAPHICAL AREA TO BE COVERED BY PROJECT: IN INDIA







# GPMS Portal for Universal Healthcare

Hosted at India's own Super Computing Infrastructure at CSIR4PI

Sustainable Development Goals 3.0 2018-19



Social Transformation

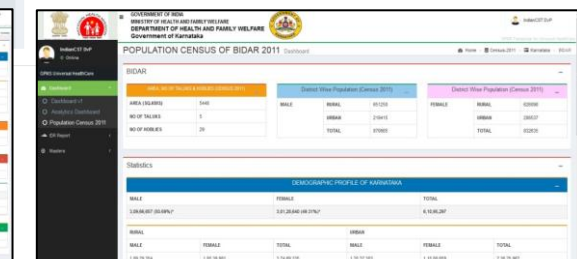
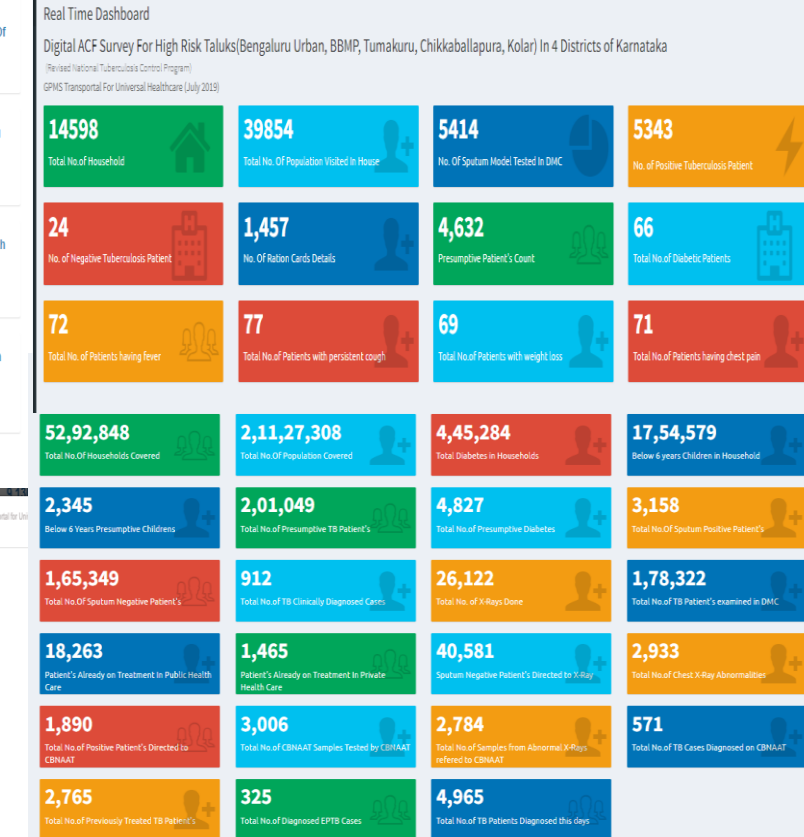
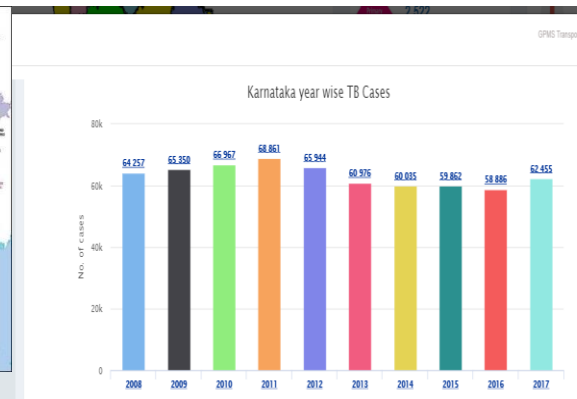
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SNCU Dashboard Welcome

Home > SNCU Dashboard



An innovative digital cloud computing platform to detect all the patients and track every patient





# GPMS Portal for Universal Healthcare

Hosted at India's own Super Computing Infrastructure at CSIR4PI

<https://indiancst.com/Universalhealthcare>

Indian CST has inked the MOU with Karnataka State Government Health and Family Welfare Department, Govt. of Karnataka (HFWD) to be in force for a period of 10 years (till 27.04.2027) Indian CST's Make in India Innovative Integrated GPMS Portal for Universal Healthcare Cloud Computing Solutions Platform is been rolled through out in the KTK State 30 districts, 30,000 health centers which includes Govt and private too for real time monitoring of Mother and Child with Citizens Electronic Health Record with all Clinical Parameters that will allow Multiple Ministry / Stakeholders / Hospitals/ PHC's/ Doctors / Associated healthcare Projects / Schemes to work on this single platform and the 4.5 crores patients / citizens who will be given access online to view their own medical records data online, any time , from anywhere, on any device. and further enabling the implementation of SDG-3 in the State of Karnataka.

<http://www.karnataka.gov.in/hfw/Pages/Home.aspx>

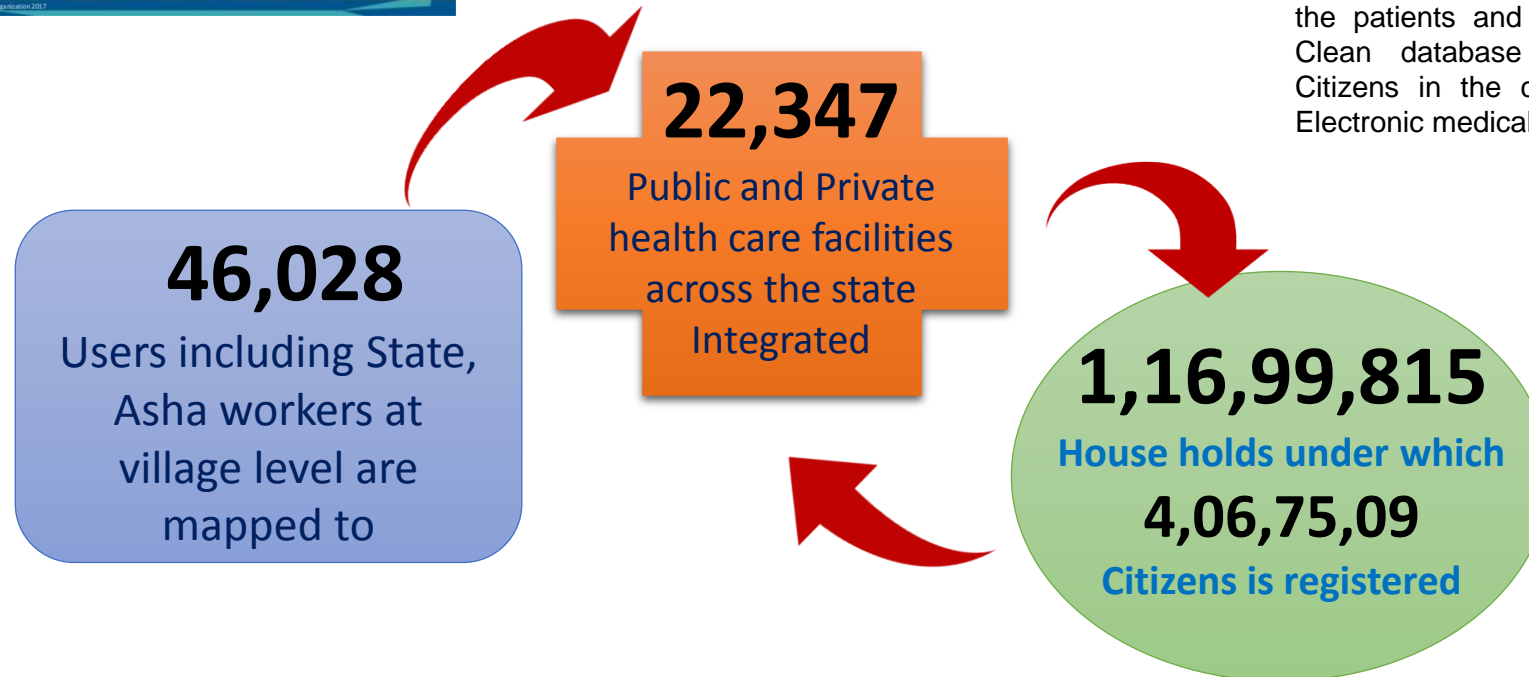
<https://indiancst.com/India/universalhealthcare/>

## SDG 3: Health for all at all ages



**On-going Implementation of SDG Goal 3.0 in Karnataka State Ensuring Health lives and Promote well-being for all at all ages**

GPMS Portal for Universal Healthcare, which is an integrated cloud computing solutions platform linked with GIS applications, web analytics, real-time data analytics, IVRS for comprehensive decision making platform an innovative digital cloud computing platform to detect all the patients and track every patient. Clean database of beneficiaries / Citizens in the country by providing Electronic medical records for all.







# GPMS Portal for Universal Healthcare

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## Integrated User Based Customized Dashboards For Both Government and Private

The consolidated data pool, The different health management information systems Insilco's integrated into a single dashboard which will enable evidence based real time data capture at source and aggregation at State, District, Villages, Institutional, Organisational levels of all existing software applications used in the country. Thereby enabling decision making and Policy interventions to become data driven.

### On Going Integration

Population Census, E-Hospital, Health Management Information System (HMIS), Integrated Disease Surveillance Programme (IDSP)- IHIP, Rastriya Bala Swasthya Karyakram (RBSK) Revised National Tuberculosis Control Programme (RNTCP)- NIKSHAY 2.0, Telemedicine Software, Disability Software (Aids for the specially abled), Universal Health Coverage (UHC) – Aadhar Integrated Smart Card, Rastriya Swaswthya Bima Yojane (RSBY), Drug Inventory Management System, e-Kirana (Tele-Radiology), Health GIS, Application for Leprosy, Haemophilia, FOOD control, RCH-Portal, Daily Monitoring System, PHC-MIS System ,IDR-CDR (Infant and child death online), e-RaktKosh, Mental Health, e-LAJ, National Urban Health Mission (NUHM) Web Portal, Database of pregnant women under Mathru Poorna Lifecycle Health Scheme, Health Management Information System (HMIS), Mother and Child Tracking System (MCTS), ASHA Web Portal ,Pre-Conception and Pre-Natal Diagnostic Techniques (PC&PNTD), Non Communicable Diseases (NCD) - Web Portal, Weekly Iron Folic Acid Supplementation (WIFS), Rashtriya Kishor Swasthya Karyakram (RKSK), National Vector Borne Disease Control Program (NVBDCP)-Web Portal, Pradhan Mantri, Surakshit Matritva Abhiyan (PMSMA), Family Welfare, AYUSH Application, National Urban Health Mission, FSSAI Beneficiaries API, TMIS, Quality Assurance, NIDDCP-NPPCF, NPPCD, Utilization of ARS funds as per guidelines,

GPMS Universal Health Care Information Therapy Portal			
Monitoring of Mother and Child with Citizens Electronic Health Record with all Clinical Parameter			
0. MASTERS	1. TOTAL POPULATION: 6,10,95,297	2. RATION CARD HOLDERS: 1,16,99,815	3. BENEFICIARIES: 5,23,74,906
4. FAIR PRICE SHOPS: 18837	5. PHCs: 2522	6. SUB CENTERS: 9130	7. DOCTORS
8. ASHA WORKERS: 32860	9. ANMs: 1133	10. TOTAL AMBULANCE: 1550	11. PATIENT REGISTRATION: 92,937
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32. NVBDCP	33. E RAKTKOSH	34. PHC-MIS	35. KPME
36. SNCU	37. PCPNDT	38. SAST-RBSK	39. E-AROGYA
40. MENTAL HEALTH	41. ASHA SOFT	42. MSHS	43. MCTS
44. JEEVA-SANJEEVINI	45. ELAJ	46. E-AUSHADHI	47. AYUSHMAN BHARATH
48. I08	49. DISABILITY SOFTWARE	50. TELE MEDICINE	51. NTEP SURVEY
52. IHIP	53. HMIS	54. E-HOSPITAL	55. E-KIRANA
57. HELP DESK	58. TMIS	59. GPMS	61. MDR

Mobile medical unit, Citizen help desk, 108(Ambulance), 104 (health advice), NLEP – Leprosy, e-Aarogya Software for ANMs, Suvarna Aarogya Suraksha Trust IT Application (Assurance Scheme), Mukhyamantri Santhvana Harish Scheme (MSHS), Drug Controller, Primary Health Centre Management Information System (PHC-MIS), Jeeva Sanjeevini (Blood Bank Management System) Oral Health, Nutrition Rehabilitation Center, Active Case Finding (ACF) TB Survey online, ICU and Dialysis, Blood cell –NFDS, Monthly reports of laboratory investigations, Trauma care, Shuchi Program, Quality Control –Kayakalpa, Suvarna Aarogya Suraksha Trust IT Application (Assurance Scheme), e-Aarogya Software for ANMs, Primary Health Centre Management Information System (PHC-MIS), Special Neonatal Care Unit (SNCU), KPME, NACO\_HIV - API for SIMS, PALS, LIMSTMT, SOCH, IDSP-IHIP API, Mukhyamantri Santhvana Harish Scheme (MSHS)



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## GPMS SERVICES

Patient Electronic Medical Record

Smart New Borne Screening

Integration of non-invasive patient monitoring technologies including medical devices and a wide array of sensors

HRI

Ambulance services

UMANG Mobile Application

Bill Desk Integration

Integration with EMS IN EMS

Tele Medicine

Integration of a comprehensive e-health IoT solution for screening

Speech to Text Integration

Ayushman Bharath cards Integration

Primary diagnosis & triaging that connects the entire healthcare ecosystem

NABH & NHBL PRE Certification Consultancy .

Subscription Modules

Revenue Sharing

GIS Integration

Aadhar verification API, Firewall security, User access

Video Conference

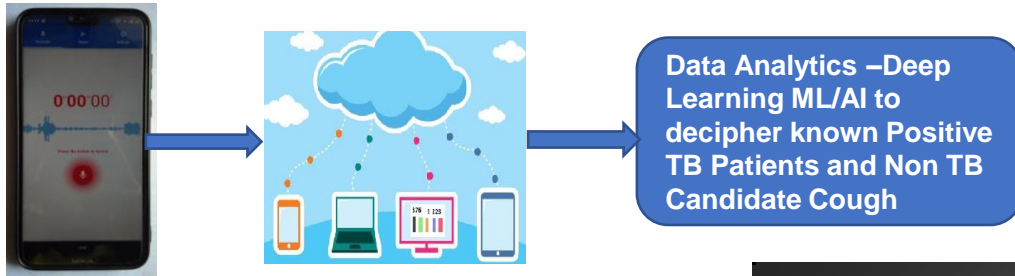




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<https://indiancst.com/Universalhealthcare>

**Direct intervention of ICT for ACF using GPMS ACF Online will drastically reduce cost and improve accuracy of data (scalable and low cost model). Case Finding of Presumptive TB Patients AI/ML Potential non-invasive technology for mass screening of TB Patients**



Popularizing the number to be called by a citizen who has:

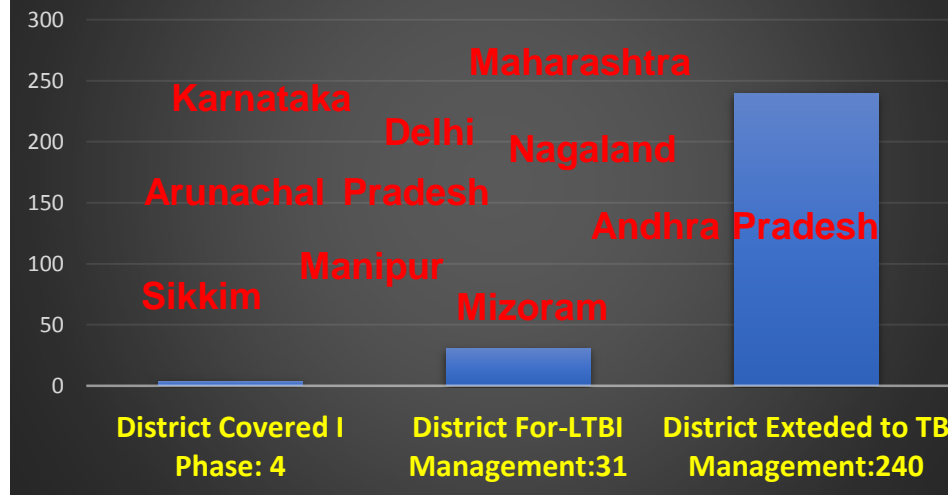
Phone calls that are made to the number should be captured by the portal with location and pin code. Integration of the Tele-medicine module. (Option to record cough through ) Connecting each call made by Presumptive Patient with the nearest DOTS/PHI centers A call is made for the cough to be recorded and stored in the database for Data analytics -Machine /Deep learning/AI

**Recording through Mobile phone -Person Cough and Demographic data are captured**

**Pilot Cough based Detection Technology (Medical Intern directed)**

Directly Observed Therapy			
Total TB Patients 83,302	TB+HIV Positive Cases 5,382	Microscopic Detection of TB 43,570	TB Detected: CB-NAAT (MTB) 18,398
Treatment Outcome: TB Cured 1,430	Resistance Detected 2,344	TB Status Treatment 27,822	New TB Patients 29,619
Site of TB 35,250	TB Detected: Microbiologically 23,678	TB+Diabetes Positive Cases 2,184	Type of Regimen 11,314
Dosage Management 14,019	Status HIV treatment Card 1,809		

## Geographical Area To Be Covered By Project In India



## Geographical Area to be covered by Project:

The project will impact 31 districts in these 9 states with key populations in difficult to reach

- Geographies and tribal (**40.72843 Lakhs**)
- Slum dwellers (**34.0263 Lakhs**)
- People living with HIV (**1.84812 Lakhs**)

**The project is proposed for LTBI Management in nine states across India**



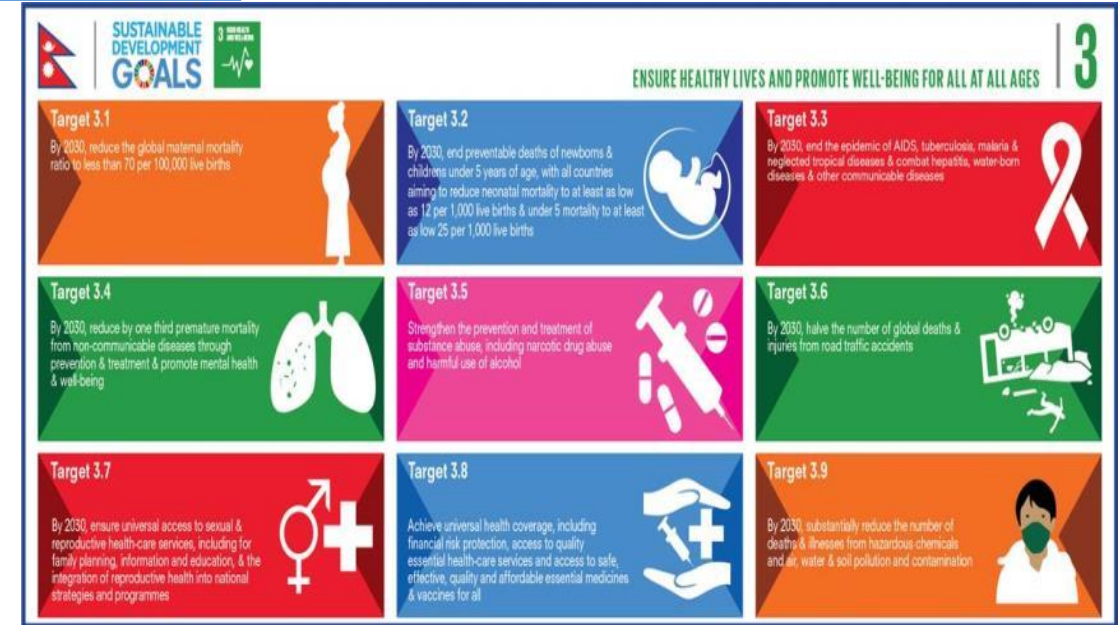
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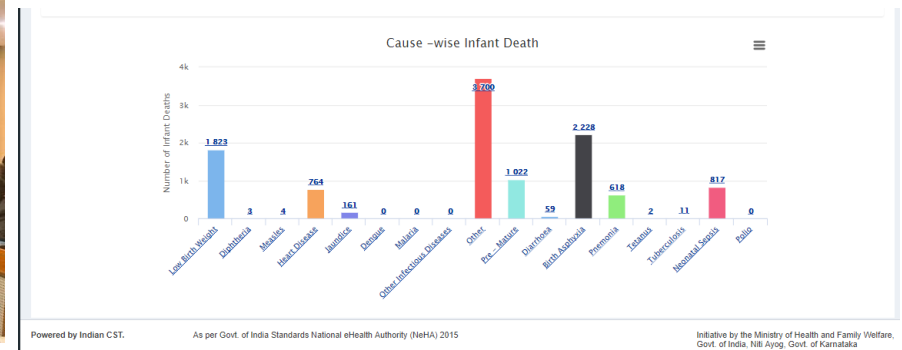
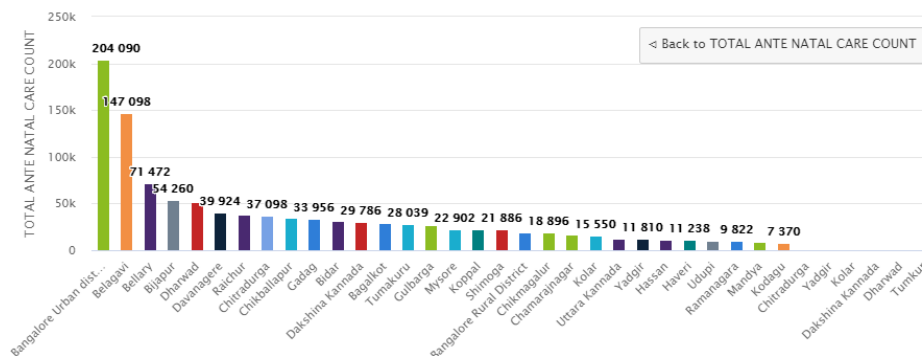
<https://indiancst.com/Universalhealthcare>

## Sustainable Development Goals 3.0, 2017-18

M1 - Ante Natal Care 1,84,09,844	M2 - Deliveries 12,01,173	M3 - Number Of Caesaren (C-Section) Deliveries 3,06,174	M4-Pregnancy OutCome & Details Of New-Born 28,67,568
M5 - Complicated Pregnancies 79,417	M6 - Post Natal Care(PNC) 18,34,766	M7-Reproductive Tract 8,94,710	M8 - Family Planning 1,90,74,421
M9-Child Immunisation 2,92,56,013	M10 - Number of Cases of Childhood Diseases 3,74,121	M11 - NVBDCP 94,07,260	M12-Adolescent Health 11,69,952
M13-Directly Observed Treatment, Short-course (DOTS) 1,50,678	M14-Patient Services 12,18,05,653	M15-Laboratory Testing 8,17,40,232	M16-Details Of Death Reported With Probable Causes 11,71,029
M17 - Vaccines 2,10,10,312	M18-Family Planning 2,71,57,743	M19-Other items 23,65,77,370	M20 - Syringes 2,11,40,744
M21-Rashtriya Bal Swasthya Karyakram (RBSK) 84,91,086	M22-Adolescent Health 3,46,13,696	M23-Coverage under Weekly Iron and Folic Acid Supplementation (WIFS) JUNIOR 1,26,22,802	M24-Maternal Death Reviews Done (MDR) 359
M25-Janani Shishu Suraksha Karyakram (JSSK) 2,38,129			



Number of PW given one Albendazole tablet after 1st trimester







# GPMS Transportal for Universal Healthcare

To be Hosted at India's own Super Computing Infrastructure at CSIR4PI

<https://indiancst.com/Universalhealthcare>

## NEW PROJECTS

**GPMS Transportal for Universal Healthcare for Monitoring SDG 3.0 in the State of Karnataka all 30 Districts Started in 2018 will go on till the year 2027**

**The replications Expression of Interest have been come in from the States of Punjab, Himachal Pradesh and Rajasthan, Tamil Nadu**

**GPMS Transportal for Universal Healthcare for Monitoring to reduce the burden of Non communicable diseases Tele Geriatric Project- Rural Primary Health Centre KAIWARA in the State of Karnataka**

**The replications have been asked for in the State of Himachal Pradesh and Rajasthan**

**HRI- Heart Rescue India  
GPMS Transportal for Universal Healthcare  
Electronic Management Cloud Computing  
platform integrated networking Emergency  
Medical Services:  
EMSINEMS in the State of Karnataka**

**EMSINEMS Platform access:  
Citizens/Healthcare networks register in the  
GPMS Transportal for Universal Healthcare for  
digital access after KYC. Each citizen registrant  
will be provided with an user name and  
password to access their medical records  
online. EMSINEMS the most comprehensive  
platform solutions for Emergency Medicine in  
India,**

**GPMS Transportal for Universal Healthcare for real-time monitoring for improving quality and standard of health by providing assistance to hospitals and clinical laboratories across the country in order to meet pre Entry Level Standards with an aim of making hospitals and laboratories NABH and NABL certified**

**The PAN INDIA implementation is for 16,000 Hospitals and 50,000 Medical Laboratories Government Laboratories at the level of CHC, PHC in the States and Private Establishments (Hospital / Standalone), Laboratories attached to Doctor's clinics, Nursing Homes**



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## NEW PROJECTS

**GPMS TB Transportal Based Innovative ICT Solutions to identify, track and ensure treatment compliance of TB patients. Pilot done in 4 Districts of Karnataka**

**The replications have been asked for in 300 Districts across States in India**

**States 21  
Districts 240  
Blocks 2400  
TB Patients 1,00,000 over 3 years  
TPT beneficiaries 25,00,000 over 3 years  
TB1\_LTB1 beneficiaries 76,00,000 over 3 years**

**AI - DISCOM Artificial Intelligence based identification of disease comorbidities**

**Our development of AI based cloud computing software platform shall address the unmet need of bringing genomics technologies to health care**

**GPMS Transportal for Universal Healthcare Platform for Labs who do Smear microscopy, GenXpert and TrueNat Testing**

**For Real time monitoring and managing quality in all 15,000 TB Microscopy centres and then replicating across 1,50,000 Labs in the country**

**GPMS Transportal for Universal Healthcare Platform for National Diabetology Registry: Establish an available patient pool for conduct of academic and GCP compliant phase 3 clinical trials**

**The replications have been asked for in the 7 Private and Government Hospitals across India it's a 3 Years Project**

**GPMS Transportal for Universal Healthcare Platform for Use in 35 Private and Government Medical College & Hospitals in Karnataka**

**Then planned to be replicated in All 750 Private and Government Medical Colleges across India it's a 3 Years Project**





सत्यमेव जयते



Indian Centre For



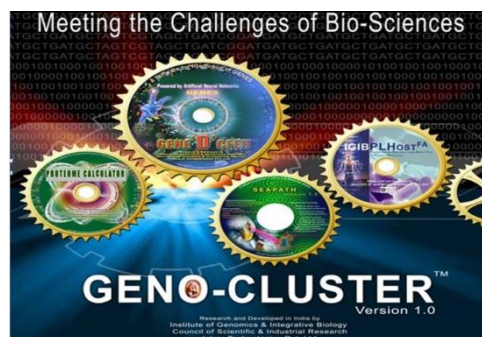
Social Transformation  
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# GPMS Transportal for Universal Healthcare

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Indian CST has proven ability of IT product development in Bioinformatics & Open Source Drug Discovery



## Structure based drug discovery for designing leads for the non-toxic metabolic targets in multi drug resistant *Mycobacterium tuberculosis*

Divneet Kaur, Shalu Mathew, Chinchu G. S. Nair, Azitha Begum, Ashwin K. Jainanarayan, Mukta Sharma and Samir K. Brahmachari ✉

*Journal of Translational Medicine* 2017 15:261

<https://doi.org/10.1186/s12967-017-1363-9> | © The Author(s) 2017

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*Journal of Genetics*

June 2019, 98:60 | [Cite as](#)

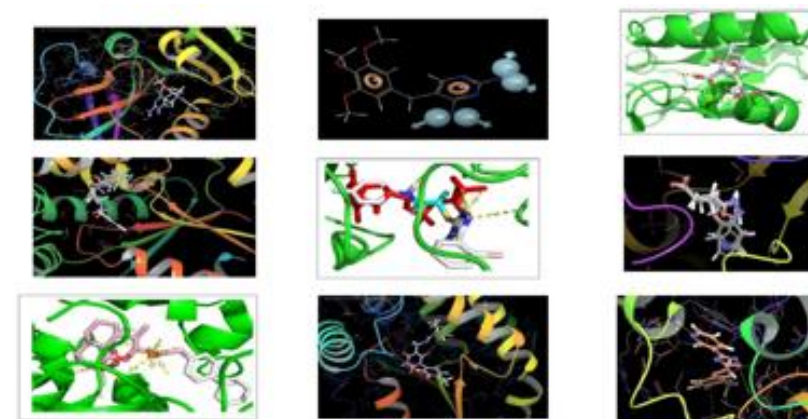
## Meta-analysis of genomic variants and gene expression data in schizophrenia suggests the potential need for adjunctive therapeutic interventions for neuropsychiatric disorders

Authors

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Samir K. Brahmachari ✉



Open Innovation Center, Indian CST, Publication in OSDD with CSIR-IGIB

For any clarification, please contact

Raja Seevan

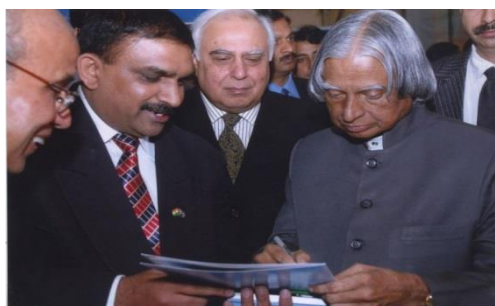
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Software for identification of novel drug target Insilco for pathogenic bacteria and viruses



A novel platform software tool for facilitating new drug discovery in collaboration with CSIR-IGIB