



GPMS TRANSPORTAL

GLOCAL PROJECT MONITORING SYSTEM
Hosted at India's own Super Computing Infrastructure at CSIR4PI

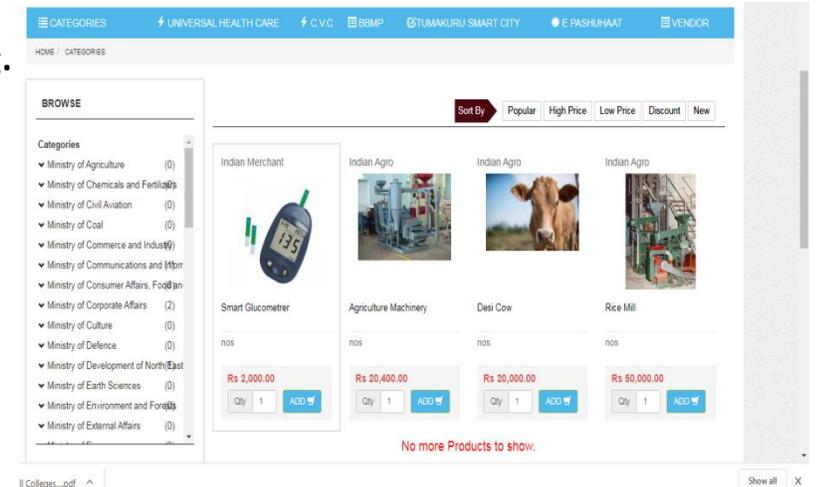


India's Central Repository Data Park

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



Social Transformation
A Public Charitable Trust (Regd.)

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

- ❖ 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



E-Pashuhaat GPMS Transportal in GOI. Mobile Apps UMANG

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



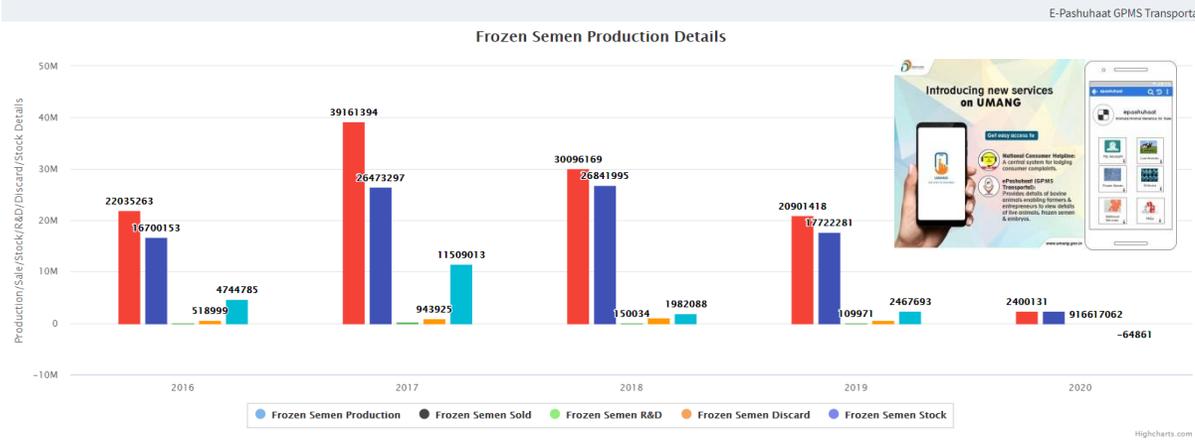
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Frozen Semen Production Details 2016 - 2020



Current Status
Re. 187.00 Crores
 Frozen Semen Straws Sold
 Cash on Delivery
 Transactions

E-Pashuhaat GPMS Transportal Integrated with **UMANG** Mobile App
Crosses
2.00 crores
 Mobile downloads till date

Work In Progress
1,65,000
 Post offices across India

On Going integrations with
 Common Service Centers
3,85,000
 Outlets
 Kisan Suvidha
20 Crores
 Farmers



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>

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
- ❖ 19th Livestock of India Dashboard

Current Status

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

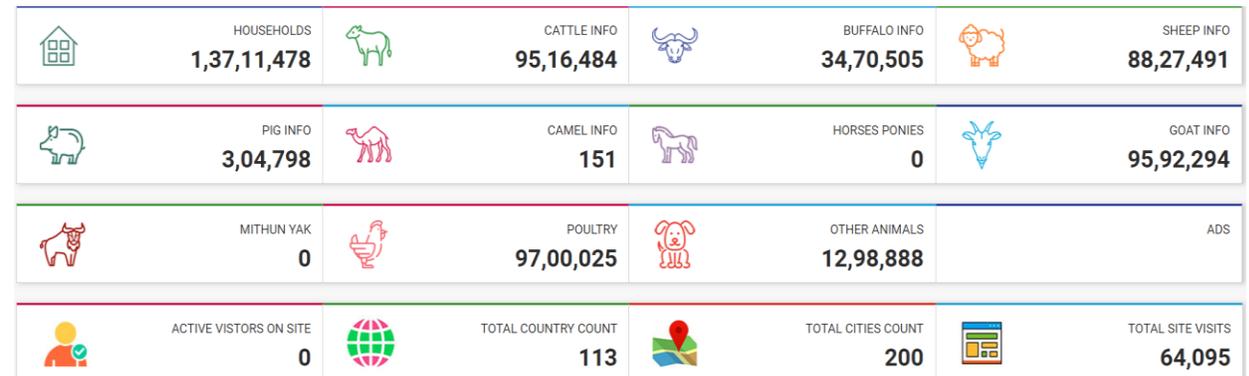
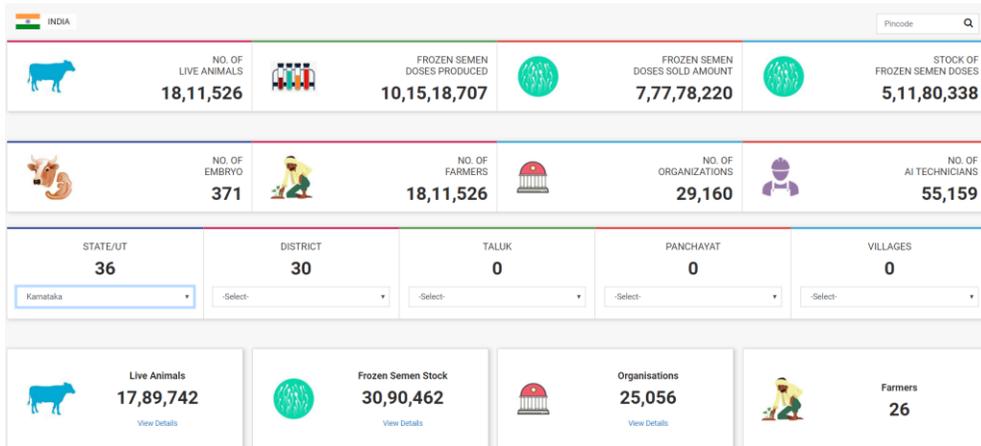
56,166 Users are registered. This includes Institute users, AI Technicians and Veterinary Doctors, Farmers across India

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





GPMS Transportal for Tumakuru Smart City

Hosted at India's own Super Computing Infrastructure at CSIR4PI

<https://tscl.indiancst.com>



Social Transformation
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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.

Project Name : Smart Park- Tumakuru University Park
Image Name: IMG_20180628_112706.jpg

109 / ₹5,98,95,80,937 Total Projects	39 / ₹56,09,15,729 Completed	47 / ₹54,27,65,308 Work in Progress
86 / ₹5,98,81,80,937 Started	1 / ₹0 Pending	0 / ₹0 Suspended
22 / ₹0 Yet to Start	9 / ₹0 File in Process	12 / ₹0 Tendered
₹9,98,59,21,324.12 Estimated Cost	109 / ₹5,98,95,80,937.00 Cost Analysis	109 / ₹5,98,95,80,937.00 Time Analysis
22 Delay		

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

G2C Services at Citizen Doorstep

- Indane Gas:** Book a cylinder, prefer time of delivery, book mechanic service and a lot more. **AVAIL >**
- Bharat Gas:** Book a cylinder, prefer time of delivery, book mechanic service and a lot more. **AVAIL >**
- HP Gas:** Book a cylinder, prefer time of delivery, book mechanic service and a lot more. **AVAIL >**
- Pharma Sahi Daim:** Online search tool for checking prices of medicines instantly. **AVAIL >**
- Sarathi:** The RTI app for all your transport document needs. **AVAIL >**
- Passport Seva:** Passport application made easy. **AVAIL >**
- EPFO:** All EPFO services in one app. Also, apply for Jeevan Pramaan certificate from this app. **AVAIL >**
- Aadhaar Card:** View and download your Aadhaar card from DigLocker account. **AVAIL >**
- ORS:** Online Registration System lets you book an appointment for any government hospital, view lab reports, and check blood availability. **AVAIL >**



सत्यमेव जयते



GPMS Transportal for Universal Healthcare

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Social Transformation
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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

Subject Information: Registrat: ING, Corporate: ING001, Employee: Sumalatha, Designati: Manager, Name Pre: Miss, First Name: Sumalatha, Last Name: Ravghan, 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: IPO01 MRI Br..., Report ID: RP001, Image Path: C:\PACS\SMR..., Radiologist: UVW

Phenotype Assessment: Subject ID: MR 001, Rater ID: SAM001, Interview: yes, Consent: yes, Blood dra: DNA001, Genotypin: yes, Anemia: yes, BP: no, Pulse: 70

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

Investigator Details: Subject ID: MR001, Investigator City: bangalore, Investigator DOB: 10/10/1955, 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: IPO01, Hetrozygo: 005, Function: coding sy..., Chromos: 17q21, Allele: T, Protein R: Pleny ala..., Method Cl: sequence, Disease: Breast ca..., Protein

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

Monitoring of Mother and Child with Citizens Electronic Health Record with all Clinical Parameter

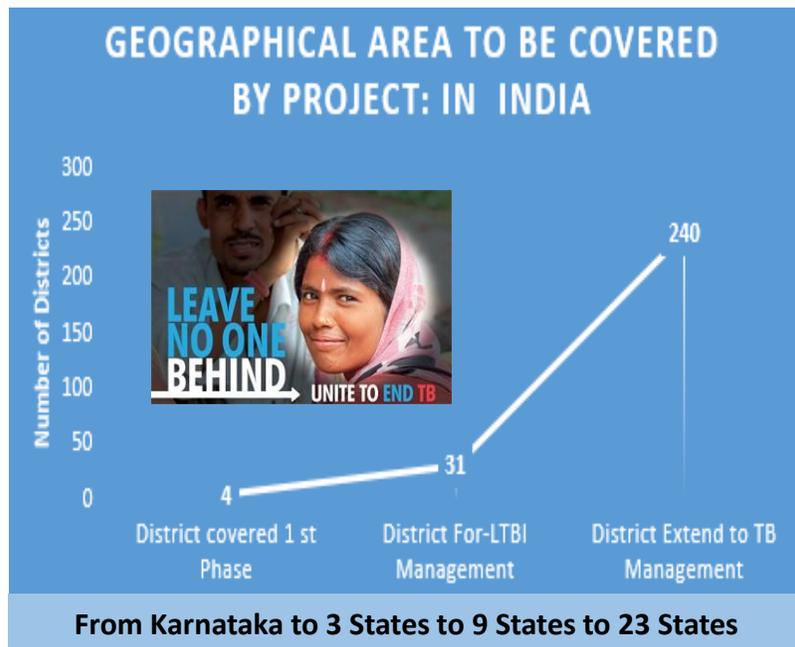
0. MASTERS	1. TOTAL POPULATION: 6,10,95,207	2. BAYON CARD HOLDERS: 1,16,99,815	3. B. BENEFICIARIES: 5,23,74,906
4. FAIR PRICE SHOPS: 18837	5. PHCs: 2022	6. SUB-CENTERS: 9130	7. DOCTORS
8. ASHA WORKERS: 32861	9. ANMs: 1133	10. TOTAL AMBULANCE: 1550	11. PATIENT REGISTRATION: 92,837
12. CDR	13. ICU	14. BIRTHS: 3,01,999	15. DEATHS: 11,211
16. STILL BORN: 9450	17. STOP-TB ANALYTICS: 6,33,593	18. MALARIA: 30,560	19. DENGUE: 142
20. CHIKUNGUNIA: 1435	21. CHOLERA: 58	22. DIABETES: 23,423	23. EPILEPSY: 1169
24. CARDIAC: 461	25. HYPER TENSION: 33,735	26. CANCER: 408	27. FSSAI
28. REIMBURSEMENTS: 5,55,98,064	29. HEALTH INFRASTRUCTURE: 15,130	30. NRC	31. NCD
32. IVEDOCP	33. ERAKTIKSH	34. PHCMIS	35. KPME
36. SNCU	37. PCPNIT	38. SAST	39. E-AROGYA
40. MENTAL HEALTH	41. ASHA SOFT	42. MSHS	43. MCTS
44. JEEVA SANJEEVNI	45. ELAJ	46. DRUG INVENTORY	47. RSBY
48. UHC	49. DISABILITY SOFTWARE	50. TEL MEDICINE	51. RNTCP
52. DSDP	53. HIMS	54. E-HOSPITAL	55. E-VIRAMA
56. RBSK	57. HELP DESK	58. TMS	59. NFDS
61. MDR			

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

GPMS TRANSPORTAL FOR UNIVERSAL HEALTHCARE

IMPLEMENTATION OF SDG 3: ENSURE HEALTHY LIVES AND PROMOTE WELLBEING FOR ALL AT ALL AGES IN KARNATAKA STATE

Indian CST's GPMS Healthcare Information Therapy Transportal



GPMS Transportal

BIG DATA Analytics Services

COMMON Service Centers

INDIA CITIZENS Network

INDIA CATTLE GERMPLASM Services

BANKS PAYMENT Gateway Services

IOSSD MEDICAL Research Services

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

BLOCK CHAIN Technology Services

GPMS Transportal Cloud Services



GPMS Transportal for Universal Healthcare

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Sustainable Development Goals 3.0 2018-19



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SNCU Dashboard Welcome Home > SNCU Dashboard

SNCU Dashboard

Labor Room & OT records 6,68,970	Total Admission in SNCU 2,36,406	Management (no. of babies who received) 1,54,417	Birth weight/weight at admission 1,18,285
Birth weight of babies 2,40,334	Birth weight of babies/weight at admission 12,427	Duration Of Stay 1,18,119	Duration between the time of admission 12,450
Step Down Care (no. of babies who received) 33,263	Gestation in weeks 1,18,285	Gestation in terms 8,331	Outcome (no. of babies who received) 1,05,669
Age at death 12,450	Mortality profile 12,307	Morbidity Profile in SNCU 98,032	

M1 - Ante Natal Care 1,21,25,722	M2 - Deliveries 12,41,813	M3 - Number Of Caesaren (C-Section) Deliveries 3,38,389	M4 -Pregnancy OutCome & Details Of New-Born 28,51,036
M5 - Complicated Pregnancies 83,998	M6 - Post Natal Care(PNC) 20,73,964	M7 -Reproductive Tract 9,89,347	M8 - Family Planning 1,97,92,327
M9 -Child Immunisation 2,74,73,989	M10 - Number of Cases of Childhood Diseases 3,95,770	M11 - NVBDCP 1,00,68,645	M12 -Adolscent Health 13,11,037
M13 -Directly Observed Treatment, Short-course (DOTS) 1,85,992	M14 -Patient Services 13,60,17,835	M15 -Laboratory Testing 8,04,49,937	M16 -Details Of Death Reported With Probable Causes 2,30,450

Tue, 17 Dec 2019 05:43:07 PM Srid Kumar

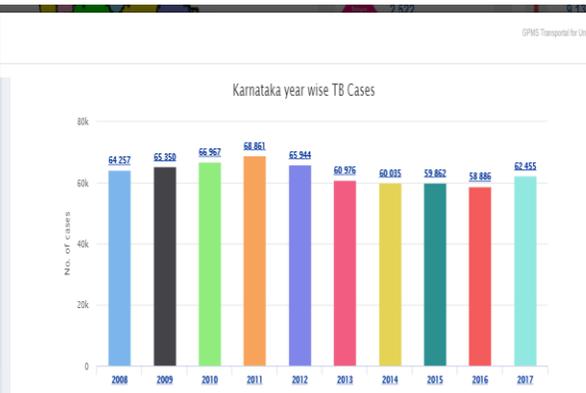
Real Time Dashboard

Digital ACF Survey For High Risk Taluks (Bengaluru Urban, BBMP, Tumakuru, Chikkaballapura, Kolar) In 4 Districts of Karnataka
(Revised National Tuberculosis Control Program)
GPMS Transportal For Universal Healthcare (July 2019)

14598 Total No of Household	39854 Total No of Population Visited In House	5414 No. Of Sputum Mode Tested In DMC	5343 No. of Positive Tuberculosis Patient
24 No. of Negative Tuberculosis Patient	1,457 No. Of Ration Cards Details	4,632 Presumptive Patient's Count	66 Total No of Diabetic Patients
72 Total No. of Patients having fever	77 Total No of Patients with persistent cough	69 Total No of Patients with weight loss	71 Total No of Patients having chest pain
52,92,848 Total No. Of Households Covered	2,11,27,308 Total No. Of Population Covered	4,45,284 Total Diabetes in Households	17,54,579 Below 6 years Children in Household
2,345 Below 6 Years Presumptive Children	2,01,049 Total No of Presumptive TB Patient's	4,827 Total No of Presumptive Diabetes	3,158 Total No Of Sputum Positive Patient's
1,65,349 Total No of Sputum Negative Patient's	912 Total No of TB Clinically Diagnosed Cases	26,122 Total No. of X-Rays Done	1,78,322 Total No of TB Patient's examined in DMC
18,263 Patient's Already on Treatment in Public Health Care	1,465 Patient's Already on Treatment in Private Health Care	40,581 Sputum Negative Patient's Directed to X-Ray	2,933 Total No of Chest X-Ray Abnormalities
1,890 Total No of Positive Patient's Directed to CBMAAT	3,006 Total No of CBMAAT Samples Tested by CE/MAAT	2,784 Total No of Samples from Abnormal X-Rays referred to CBMAAT	571 Total No of TB Cases Diagnosed on CBMAAT
2,765 Total No of Previously Treated TB Patient's	325 Total No of Diagnosed EPTB Cases	4,965 Total No of TB Patients Diagnosed this days	

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

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GPMS Transportal for Universal Healthcare

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<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 Transportal 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>

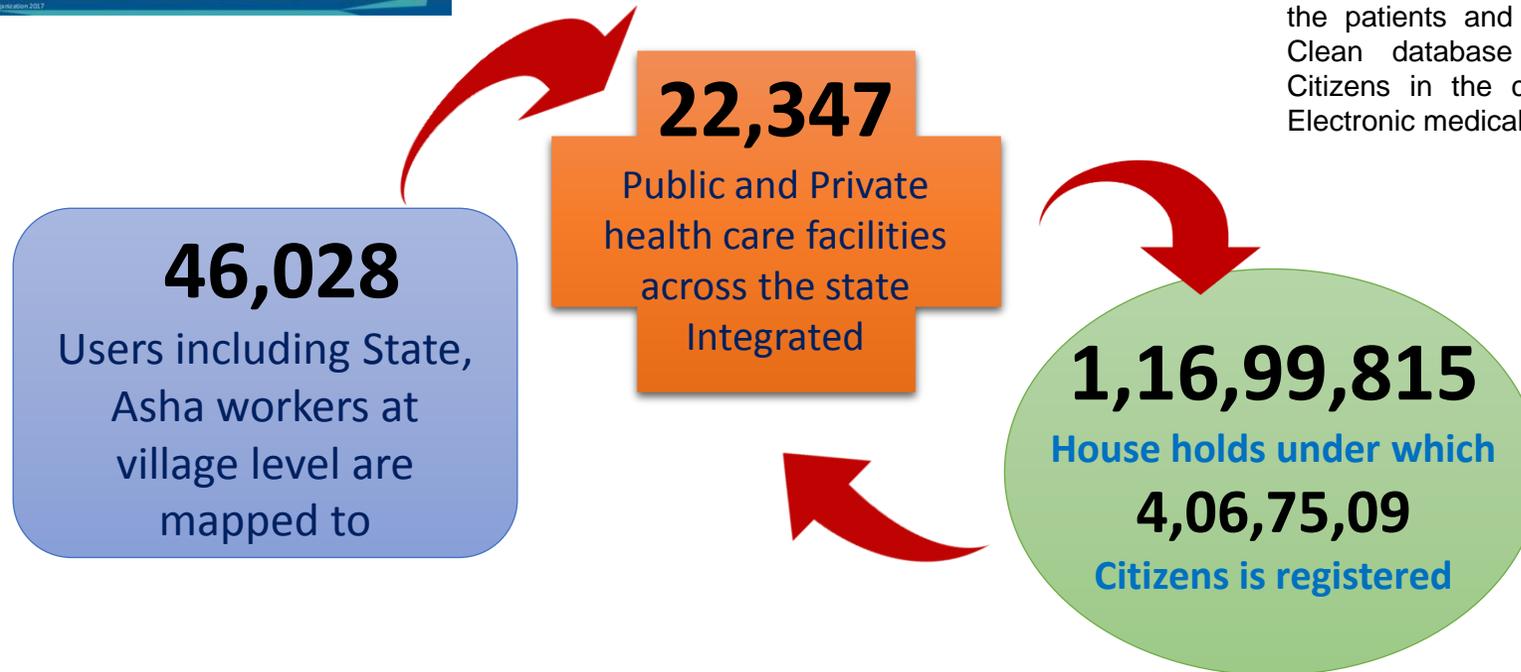
<https://indiancst.com/India/universalhealthcare/>

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 Transportal 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.





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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 Swasthya 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,



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)



GPMS Portal for Universal Healthcare

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<https://indiancst.com/Universalhealthcare>

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

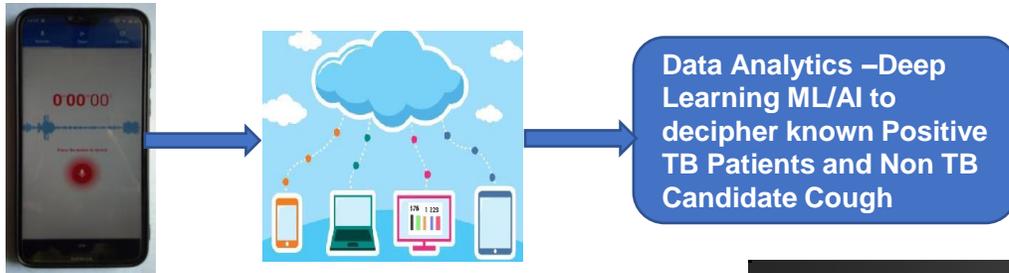
Video Conference



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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



सत्यमेव जयते



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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			

Target 3.1
By 2030, reduce the global maternal mortality ratio to less than 70 per 100,000 live births

Target 3.2
By 2030, end preventable deaths of newborns & children under 5 years of age, with all countries aiming to reduce neonatal mortality to at least as low as 12 per 1,000 live births & under 5 mortality to at least as low as 25 per 1,000 live births

Target 3.3
By 2030, end the epidemics of AIDS, tuberculosis, malaria & neglected tropical diseases & combat hepatitis, water-borne diseases & other communicable diseases

Target 3.4
By 2030, reduce by one third premature mortality from non-communicable diseases through prevention & treatment & promote mental health & well-being

Target 3.5
Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol

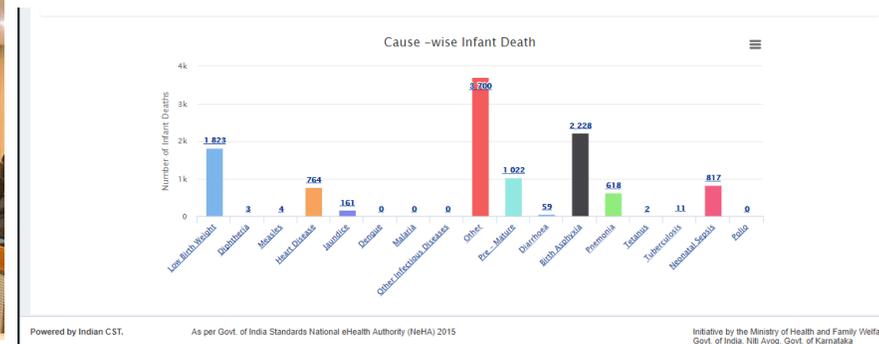
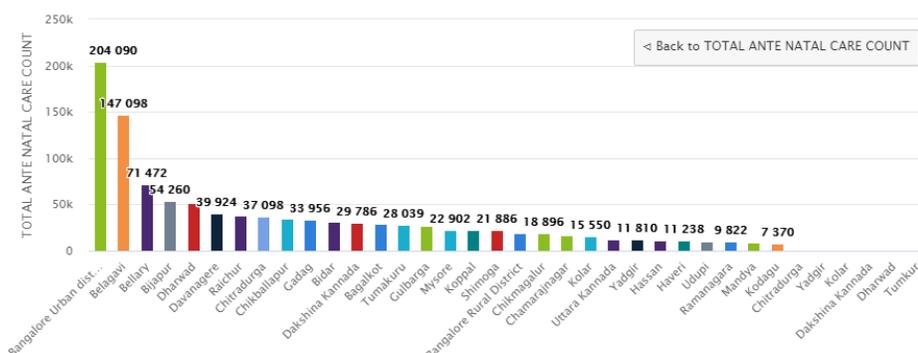
Target 3.6
By 2030, halve the number of global deaths & injuries from road traffic accidents

Target 3.7
By 2030, ensure universal access to sexual & reproductive health-care services, including for family planning, information and education, & the integration of reproductive health into national strategies and programmes

Target 3.8
Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines & vaccines for all

Target 3.9
By 2030, substantially reduce the number of deaths & illnesses from hazardous chemicals and air, water & soil pollution and contamination

Number of PW given one Albendazole tablet after 1st trimester





सत्यमेव जयते



Indian Centre For



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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



सत्यमेव जयते



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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_LTBI 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

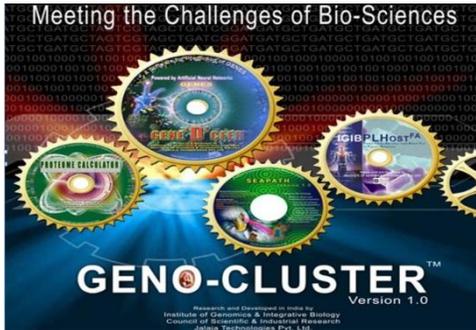


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Indian CST has proven ability of IT product development in Bioinformatics & Open Source Drug Discovery



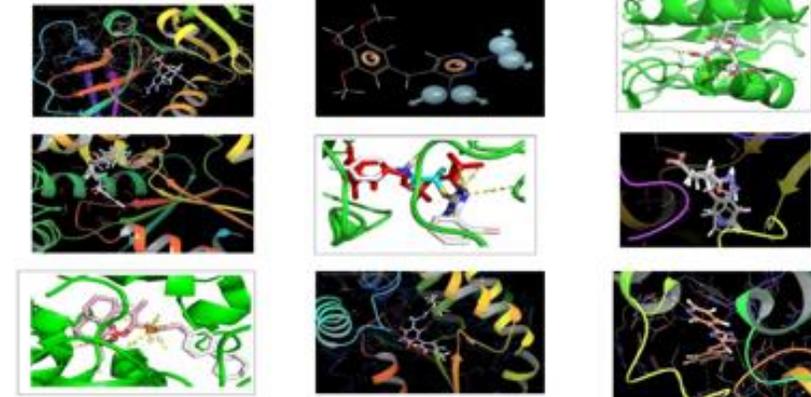
Structure based drug discovery for designing leads for the non-toxic metabolic targets in multi drug resistant *Mycobacterium tuberculosis*

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

Received: 6 August 2017 | Accepted: 8 December 2017 | Published: 21 December 2017



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



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

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

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