

HAPPENING

Chhattisgarh Vidhansabha Official Mobile Application Launched

The Chhattisgarh Vidhansabha has

the Vidhansabha.



embraced technology to streamline its operations and provide easy access to information. With the computerization of question hour proceedings and online processes for day-to-day business activities, the public can conveniently stay informed about the happenings in

National Informatics Centre (NIC) Chhattisgarh has developed the official mobile app called "Chhattisgarh Vidhansabha." This app offers various features, including the Hon'ble Governor's speech, budget speech, budget details, a list of 51 books dedicated to each state government department ("Anudano ki Maange"), the agenda for day-to-day activities (Karyasoochi), patrak bhaag-1, patrak bhaag-2, the question hour proceedings booklet (Prashnottari), Katauti Prastaav, and details of all the members of the Chhattisgarh Legislative Assembly. The mobile app is currently available on both the NIC App Store and Google Play Store.

The official Android mobile app for the Chhattisgarh Legislative Assembly was inaugurated on 01st Mar 2023, at the start of the budget session. The inauguration was done by Hon'ble Speaker Shri Charan Das Mahant. Hon'ble Deputy Speaker Shri Santram Netam, Chief Minister Shri Bhupesh Baghel, Shri Narayan Chandel (Hon'ble Leader of Opposition), Shri Ravindra Chaubey (Hon'ble Parliamentary Affairs Minister), and other members of the cabinet, opposition, and top bureaucrats of the state government were also present. The Hon'ble Speaker praised the app's design and commended the NIC team for bringing the Assembly proceedings and its members into the digital era.

Berojgari Bhatta Portal inaugurated by Hon'ble CM of Chhattisgarh

Government of Chhattisgarh has announced Rs. 2,500/- monthly un-employment allowance to educated youth of Chhattisgarh in the current financial year. A portal for this purpose has been developed by NIC, Chhattisgarh to accept online applications from the eligible candidates, its work - flow based sanction and for transfer of unemployment allowance directly to the bank accounts of the sanctioned applicants. The portal has been inaugurated by Hon'ble Chief Minister of Chhattisgarh on 25th March 2023 and made live from 01st Apr 2023 for receiving applications. Within a month, more than 1.3 lakh applications have been received, out of which 66, 265 applicants have been sanctioned and bank accounts verified. (Portal URL- <https://berojgaribhatta.cg.nic.in/>)



Payment Released to beneficiaries of Rajiv Gandhi Kisan Nyay Yojana

Chhattisgarh Chief Minister Sh. Bhupesh Baghel released the fourth installment of Rs. 1740.20 crore to 23.25 lakh farmer beneficiaries of Rajiv Gandhi Kisan Nyay Yojana in a public meeting held at Sargaon in Mungeli district on 25th Mar 2023.



• e GOV Product •

The State Organ and Tissue Transplant Organization (SOTTO) Computerised System

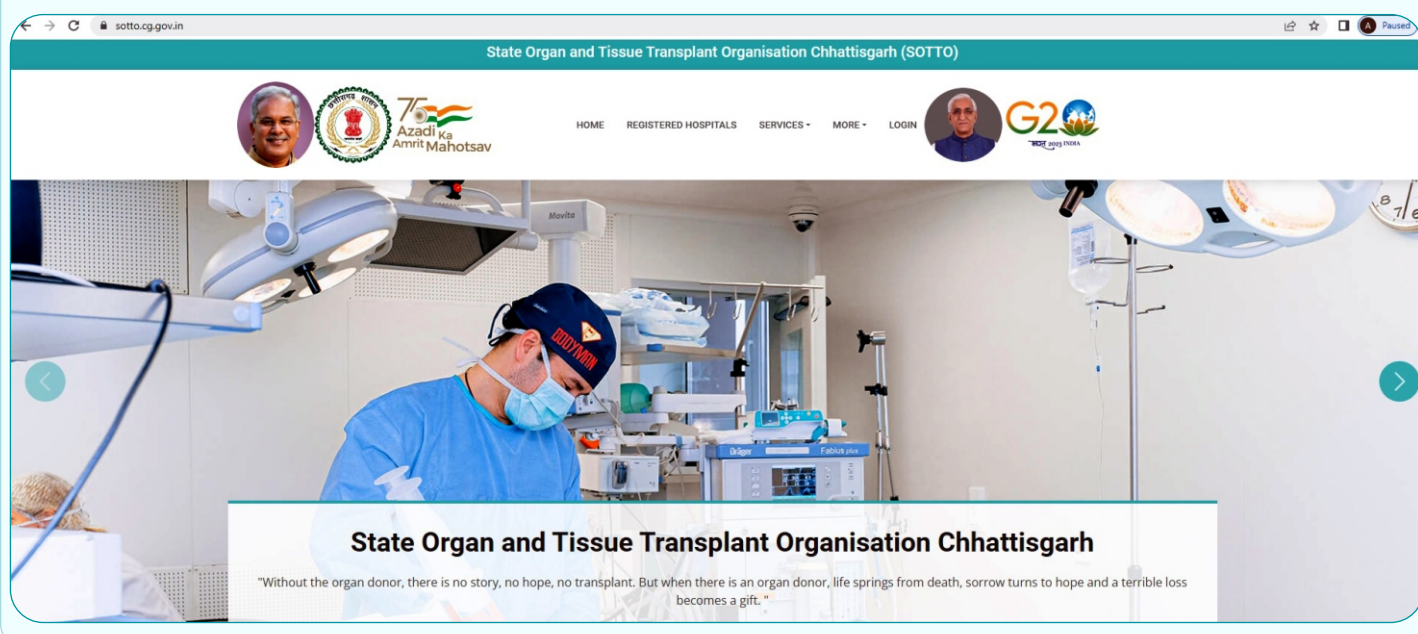
The State Organ and Tissue Transplant Organization (SOTTO) in Chhattisgarh is a government organization that oversees organ donation and transplant activities in the state. It works together with the National Organ and Tissue Transplant Organization (NOTTO) and the Regional Organ and Tissue Transplant Organization (ROTTO). SOTTO Chhattisgarh was established in 2021 under the Chhattisgarh Transplantation of Human Organs Act, 1994. Its main goal is to monitor organ and tissue transplant services and create policies and

programs as needed. NIC, Chhattisgarh developed an online system to keep track of patients in need of organ transplants and allocate organs based on a set system. The online system was launched on 17th Sep 2022.

The system helps monitor the entire process of organ transplantation, from registration to discharge and follow-up. It provides services such as organ requests, donor registration, and registration and follow-up for living donors and organ recipients. The online system tracks each step of the transplantation

process, including patient registration, donor approval by SOTTO authorities, monitoring patient progress, and organizing discharge and follow-up. It also maintains a waiting list for patients in need of transplants, records organ and tissue pledges, and keeps a list of hospitals registered with SOTTO.

So far, SOTTO has successfully carried out 10 transplants, including 7 kidney transplants and 3 liver transplants out of 108 requests. Currently, 14 hospitals are registered with SOTTO. The URL of the portal is <https://sotto.cg.gov.in/>

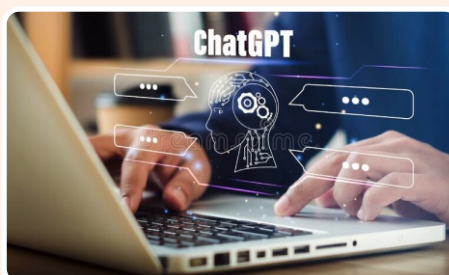


• TechNICa •

ChatGPT – A probable threat to Google?

ChatGPT is a powerful language model developed by OpenAI, based on GPT (Generative Pre-trained Transformer) which uses deep learning techniques to generate human-like text. Unlike Google Search, which gives us thousands of sites mentioning the search words, ChatGPT answers our question with contextually appropriate answer. ChatGPT can also write essays on a given topic, can give you comprehension of a bigger text. ChatGPT can also writes SQL commands when you give table structure and requirement in plain English. ChatGPT can also write code in different languages.

ChatGPT uses OpenAI, which can be used to develop conversational apps with



Artificial Intelligence. OpenAI is of course chargeable on transaction basis. Despite its impressive capabilities,

ChatGPT is not sentient and its responses are generated based on the patterns in the data it was trained on. Therefore it may produce biased or inaccurate responses and should always be used with caution and in conjunction with human oversight. ChatGPT is AI model generated using data till 2021 and hence, presently it cannot answer questions based on the happening of 2022 and after.

You may be surprised to note more than 50% of this article is auto generated using ChatGPT. All are encouraged to try ChatGPT to appreciate its capabilities.

Spotlight

Land Ideas

(Excerpts from the blog of Dr. P. Gayatri, Sr. Technical Director, NIC)

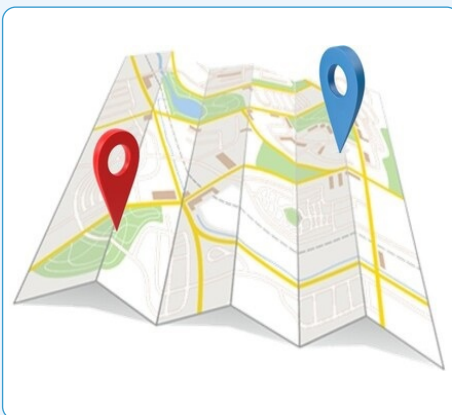
Yet another ID?! Yes, this time it is for a piece of Land!!

As humans we hold several IDs, a Citizen ID, Driver License ID, Voter ID, Bank Account Number and so on, issued by different agencies depending on the context.

Let us discuss a little about the need of an ID for land and several types of IDs that are in practice.

A Human being is mobile, existence to be established due to birth / death, ages by time, identified by several parameters in the society. Hence, nations across the world have understood the need for a Digital ID for a human being to uniquely identify him / her as a citizen within a country.

Whereas, Land is immobile, always exists, doesn't age, can always be identified by its geographical location. Despite these facts, the author holds the opinion that Land is quite dynamic, and it is tough to track the identity of a land parcel (especially for Governments) due



to the transformations it can undergo. Of late, it is being felt to allot a unique ID for land parcels that can speak about Location, Ownership, Nature, Transformation, Permissions and several other aspects that are of interest to Governments and Citizens. Digital systems are coming up with different innovative ideas for allotting and maintaining Land IDs.

The three types of Land IDs discussed here are Traditional ID (Location code based), GIS based and Random number based.

① Traditional (Location code based)

It is generated by a simple concatenation of several IDs, viz., District ID, Block Id, Village ID, Land Parcel Id (like survey number).

A simple algorithm is followed that generates a concatenated string like District ID + Block Id + Village ID + Land Parcel Id. Due to its simplicity in generation, it is easier to generate new IDs during transactions. Also, generation of IDs for legacy mutation transactions can be done with least efforts.

② GIS based

It is generated based on the GIS latitude-longitude points of all the corners along the boundaries of the land parcel.

An algorithm takes input of these boundary values and comes up with an ID.

Algorithm to generate an ID in this case is quite Complex. A well-proven algorithm should be used that generates a unique ID given the Lat-long points of along the boundaries of the land parcel. Generation of new IDs during prospective transactions is easier for agricultural lands. For retrospective transactions (i.e., to regularize legacy mutations) it is quite a challenging task to obtain the GIS coordinates for erstwhile land parcels.

Also, in urban areas, determining Land ID is quite complex, as the properties are very closely built and establishing GIS coordinates of all corners of the land boundaries is quite a task.

③ Random Number based

A simple random number. Length of the ID can be fixed with a forecast on number of new Land IDs required over the next few decades. Algorithm to generate ID is quite simple; it would be a random number generator that holds least intelligence (Ex: UID). Generation of ID is easier for all land types in all cases of new IDs and also during regularizing legacy mutations.

Resonance

Launch of e-Khajana system in Assam for areas under Mouzadar

Honorable Minister of Revenue and Disaster Management of Assam Mr. Jogen Mohan launched the e-Khajana system in the mouzadari areas of the state.

e-Khajana application has been developed by Land Record Division of National Informatics center, Assam State Unit. e-Khajana system was launched by the Honorable Chief Minister on 14th Nov 2022 to offer online payment of khajana of land for areas under Tehsildars. Under the e-Khajana system, there would be two steps to be followed by citizens. 1st step is registration (e-KYC) and 2nd step is

paying land tax. The registration of citizens under the e-Khajana system will continue up to 30th Jun 2023. Following the Agriculture Revenue Year, land tax is collected in the state from July 1 every year. The citizens who successfully register their names in the e-Khajana system will be able to pay land tax electronically from July 1. To register their names, the landholders will have to visit the RTPS (Right to Public Services)/Sewasetu portal or the Mission Basundhara portal. They have to get e-Kyc done and enter their details along with land details. The application would

be verified by mouzadar, mandal, and circle officer. The approval by the circle officer is the final step in the registration



process. The citizen will get receipts in the e-mode.

• DISTRICT IN FOCUS •

Techno Managerial Development Program was organized during February 27th-28th, 2023

A Techno Managerial Development Program was organized during February 27th-28th, 2023 at the NIC State Centre in Mantralaya, with the aim of equipping the District Informatics Officers (DIOs) of NIC Chhattisgarh with updated technical and leadership skills. The program sought to expand their knowledge beyond their routine duties at the NIC District Centre.

The program commenced on the first day with the traditional Lighting of the Lamp and Saraswati Vandana. In his welcome address, Sh. T.N.Singh DDG & SIO acknowledged the valuable contributions of the DIOs over the past year. Eminent guests, leading research teams from IIT Bhilai and IIM Raipur, delivered lectures on managerial skills, emphasizing leadership, team building, and technology updates.

During the program, the DIOs were given the opportunity to present their innovative ideas. Mr. Upendra Singh Chandel, DIO, Dhamtari, Mr. Arvind Yadav, DIO, Bilaspur, Mr. P.C. Verma, DIO, Raipur and Mr. Hemant Kumar Bhagat, DIO, Kondagaon shared their experiences and special contributions towards digitization in the District Centre Administration, facilitating knowledge exchange among the participants. The speakers were honoured with specially designed mementos.

Senior bureaucrats, Shri R. Prasanna, IAS, Secretary, and Shri Bhuvaneshwar Kumar, delivered motivational speeches. On the second day, the State Centre officers provided sessions on the latest technical advancements such as the Internet of Things (IoT) and blockchain. NICSI and its

partner vendor, Prakhar Solutions, delivered a presentation on developing effective Drone and Anti-Drone Systems. To engage the DIOs further, a NICler-based quiz on emerging technologies was conducted by Ms. Lalita Verma.

Additionally, a stress management program on mental health and recovery was conducted by a team from the Mental Health Directorate, Chhattisgarh. Shri Manoj Kumar Mishra, DDG, and State Coordinator, interacted with the DIOs through video conferencing, addressing their daily challenges and policy issues based on his own field experiences.

Concluding the program, Shri P. Rama Rao, ASIO (Dist.) expressed gratitude to everyone for their contributions in making the program a resounding success.



• Award / Accolades •

DMF Portal awarded with CSI SIG eGovernance Award of Excellence 2022



DMF 2.0 portal developed by NIC, Chhattisgarh under the leadership of Sh. Ashok Maurya, Sr. Director (IT), for the Department of Mines and minerals, Government of Chhattisgarh, has been awarded with CSI SIG eGovernance Award of Excellence 2022 under project category. The award was received on 25th Mar 2023 at Dr. Ambedkar Auditorium at Delhi Technical University, New Delhi.

NICler app received CSI SIG eGovernance Award of Excellence 2022



NICler app developed by NIC, Chhattisgarh for the Department of School Education, Government of Chhattisgarh, has been awarded with CSI SIG eGovernance Award of Excellence 2022 under project category. The award was received by Shri. A. K. Somasekhkar, Sr. Director (IT) and Smt. Lalita Verma, Deputy Director (IT) on 25th Mar 2023 at Dr. Ambedkar Auditorium at Delhi Technical University, New Delhi.

NICler app recognised by mBillionth award as mobile innovation



NICler app developed by NIC, Chhattisgarh for the Department of School Education, Government of Chhattisgarh, has been winner of the mBillionth Award 2022-23, given by Digital Empowerment Foundation. mBillionth Award is given for mobile innovations for sustainable social change, among 8 countries in South Asia - Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Pakistan and Sri Lanka. The award was received by Shri. A. K. Somasekhkar, Sr. Director (IT), NIC.

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(GOVERNMENT OF INDIA)



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(MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY)