



Ministry of
**Electronics &
Information Technology**
Government of India



Digital India
Power To Empower



National e-Governance Division

Digital India Ask Our Experts Showcases eRaktKosh: Powering Real-Time, Life-Saving Blood Access Across India

Centralised system enhances transparency, accessibility, and efficiency in life-saving blood management

New Delhi: The latest episode of Digital India Ask Our Experts showcased eRaktKosh, India's centralised blood bank management system, highlighting how technology is strengthening access to safe and timely blood services across the country.

The *Digital India: Ask Our Experts* is a live interactive programme streamed on Digital India's YouTube channel. This episode hosted Shri Amarjeet Singh Cheema, Scientist F, C-DAC Noida; Ms. Astha Rai, Scientist F, C-DAC Noida; Shri Ramji Gupta, Project Implementation Lead, C-DAC Noida and Shri Abhishek Anant, Director (Data Analytics & UMANG), NeGD. Watch the episode at <https://www.youtube.com/live/7nXnlAApLY?si=vRUzruaIWutZ-w4>



The discussion underlined eRaktKosh's connect with over 4,500 blood banks nationwide, serving as a "single source of truth" by providing real-time information on blood availability, components and nearby donation camps. Experts informed that citizens could easily check availability, locate blood banks and access contact details

through the portal or via the UMANG app, making critical information accessible during emergencies.

Special features of the platform also cater to patients requiring regular transfusions, such as those with Thalassemia, enabling better planning and continuity of care. As noted during the discussion, dedicated digital profiles help ensure continuity of blood supply and reduce uncertainty for such patients.

The episode highlighted how eRaktKosh is improving operational efficiency within hospitals and blood banks by automating processes and reducing turnaround time for blood issuance. Emphasising the role of digitisation, Shri Cheema stated, “If you are becoming digitized, your time is being reduced at every stage, which you can then ensure is spent on other productive areas.”

Reinforcing the platform’s reliability, Ms. Aastha Rai described eRaktKosh as “a single source of truth where all data is available, providing citizens with real-time access to blood availability,” while also highlighting its user-friendly design for easy public access.

The platform’s emphasis on ethical and voluntary donation was also spotlighted. Shri Ramji Gupta noted, “Blood is a drug and we cannot generate it; it can only be voluntarily donated,” underlining the importance of citizen participation and the platform’s role in connecting donors with nearby camps.

Integration with emerging digital ecosystems further strengthens the platform. Shri Abhishek Anant highlighted how integration with the Ayushman Bharat Digital Mission and citizen-facing platforms enhances accessibility, stating that even users without the app can interact with services through digital channels like messaging platforms.

Advanced features such as barcode-based traceability and expiry alerts help prevent wastage and ensure that only safe and valid blood units are issued. The system also mandates regular stock updates by blood banks, further enhancing transparency and trust.

Experts encouraged citizens to donate blood regularly, noting that a single donation can help save multiple lives. They also highlighted additional benefits such as access to basic health screening and digital donor certificates.

The episode reaffirmed eRaktKosh as a critical digital public infrastructure in healthcare- leveraging technology to improve transparency, optimising resources, and ensuring timely access to life-saving services.

For more information on upcoming episodes and Digital India initiatives, visit www.digitalindia.gov.in and www.negd.gov.in.