

For Immediate Release: August 3, 2024

PRESS-RELEASE

IIT (ISM) Dhanbad Unveils Digital Application for its Health Centre

In a significant stride towards digitization and improved healthcare services on campus, IIT (ISM) Dhanbad unveiled the **Digital Application for its Health Centre** on Saturday, August 2, 2025, at 4:30 PM. The launch ceremony was held at the Health Centre premises and marked a new chapter in the institute's healthcare management.

The event was inaugurated by **Prof. Prem Vrat**, Chairman, Board of Governors, IIT (ISM) Dhanbad, alongside **Prof. Sukumar Mishra**, Director, IIT (ISM) Dhanbad. Also present were **Prof. Dheeraj Kumar**, Deputy Director; **Prof. Sandeep Mondal**, HOD, Department of Management Studies and Industrial Engineering; **Dr. Tanushree Banerjee**, CMO-in-Charge; **Dr. Praveen Kumar**, CMO; **Shri Prabodh Pandey**, Registrar; and the entire team of doctors, staff, and professionals associated with the Health Centre.

Addressing the gathering, Prof. Prem Vrat stated, *"The digital transformation of the Health Centre will not only enhance efficiency but also offer a seamless and patient-centric experience. It is a commendable move towards a smarter, future-ready campus."*

The digital application aims to address key operational challenges of the Health Centre such as manual data entry, fragmented patient records, dependency on Excel sheets, prolonged waiting times, and non-digitized medicine dispensing. The unveiling was followed by a **working demonstration** of the digital solution, showcasing its Doctor-side, Patient-side, and Pharmacy-side applications.

This initiative is part of a larger project titled **"Future-ready Hospital: Strategic Adoption of Industry 4.0 Technologies"**, funded by the **Indian Council of Social Science Research (ICSSR)**. The project is being steered by **Prof. Esha Saha** and **Prof. Shikha Singh** from the Department of Management Studies and Industrial Engineering, IIT (ISM) Dhanbad, in collaboration with **Prof. Pradeep Rathore** of IIM Shillong, and industry partners **Dr. Monika Sonu** and **Mr. Kingshuk Chakraborty** from Healthinnovation Toolbox, Bangalore. Project Research Assistants **Anil Kumar Mandal**, **Deeksha Patle**, and **Nakul Saha** are also contributing significantly to its implementation.

The digital healthcare application is expected to bring about a paradigm shift in medical services within the campus by creating a more integrated, accessible, and responsive health system.

Rajni Singh

Dean (Corporate Communications)