BHAVYA - Bihar Health Application Visionary Yojana for All

The State of Bihar follows the principle of 'The First Wealth is Health' as the health and welfare of the citizen is of prime importance to the State. The State has taken into cognizance that digital health ecosystems have become increasingly relevant for maximizing institutional productivity and for increasing accessibility of public healthcare for beneficiaries. The State envisions to transform the landscape of healthcare service provisioning (at community level) and management of hospitals (at facilities level) through an ambitious digitization project named BHAVYA (Bihar Health Application Visionary Yojana for All). Hospital Information Management System (HIMS) is being implemented across all the healthcare facilities in the State through BHAVYA portal. The portal has offline friendly interfaces as well. The government of Bihar envisions a seamless interconnected healthcare service provisioning platform to harness the IT revolution, which is consistently evolving at a fast pace. BHAVYA is briefed under following points: -

Aim of BHAVYA - Bihar Health Digital Transformation through BHAVYA is aimed at improving public healthcare by enhancing:

1. Awareness – Information Access

2. Accessibility – Healthcare Service Provisioning through Digital Platform

3. Availability – Round the Clock Availability of Healthcare Services

4. Affordability – Cost Optimization to increase affordability of access to Healthcare Services

5. Appropriateness – Assured Quality and Continuum of Care

BHAVYA Project Objectives – The above-mentioned aim of Bihar Digital Health Transformation may be achieved through BHAVYA by meeting the following objectives: -

1. Automation of basic Medical Screening Services and Community Health Initiatives

2. Access to Professional Medical Advice and Emergency Services 27-by-7 Closest to Population

3. Population Health Monitoring and Support

4. Seamless Referrals and Transfers through all levels of care

5. Paperless System enabling patients to move to any institution without carrying anything

6. Availability and Access of Medical and Support Professionals

7. Standardize Workflows and Service across State Health System

8. Performance Management across Institutions, Human resource, Devices and Clinical Outcomes

9. Integrated and Interdependent Administrative and Clinical Functions

10. Data availability at all levels for Transparent and Effective Decision-Making and Governance

BHAVYA Salient Features – To achieve the above-mentioned objectives, BHAVYA portal functions as a centrally connected system for provisioning healthcare services across the State of Bihar. The key features of BHAVYA are listed as under: -

1. Integrated Hospital Management Modules – BHAVYA provisions HIMS with following modules - Registration Management, Appointment Management, Billing Management, Doctors Desk (OPD), Laboratory, Radiology, Inventory Management, OT Management, Pharmacy Management, Nursing Desk, Casualty / Emergency, Queue Management, MIS Reports, Telemedicine, IPD Management, IPD (Admission, Discharge & Transfer), Operation Theatre, Imaging and Radiology (PACS) Integration, Lab Equipment Integration, Physician Order entry-IP & ER, Electronic Health Records (EHR), Mobile Apps for Doctor / Registration, Blood Bank (In Software / through Integration), Medico Legal Case / Reports, Quality Management, Housekeeping, Linen & Laundry, Diet Management, Store Management, Roster Management, Leave Management, Dialysis Management and Biomedical Waste Management.

2. Inter-Connected Services – BHAVYA provisions inter-connected services, which include – Ayushman Bharat Digital Mission (ABDM) Services, RCH, Drug Supply Chain Management, Human Resource Management, 102 Ambulance Services, 104 Health Information Helpline, Routine Immunization, NCD, Dialysis Services, eSanjeevani (Tele-consultation Services) etc.

3. Supporting Applications – In addition to this portal, the following supporting applications have also been developed and integrated with BHAVYA portal: -

a. Data Portal

b. Dashboard

c. HSC/HWC Application

d. ASHA Mobile Application

e. Learning Management System (LMS)

Benefits to Citizens through BHAVYA:

1. Online Appointment: Book Appointment with a doctor deputed at a facility within the State anytime and anywhere.

2. SMS Based Alerts to patients at different touchpoints during patient journey in a health facility.

3. Find Nearest Hospitals/Blood Banks: Locate healthcare facilities across the state and browse services available at that facility.

4. View Health Records: Access Electronic Health Records (EHR) online.

5. Portability of EHR: Share EHR as BHAVYA Platform is ABDM (M1/M2/M3) Compliant

6. Provide Feedback: Give feedback on any facility / healthcare professional dealing with public health.