



HITCON HealthTech Digest

Where Medicine Meets Innovation



FROM THE EDITOR'S DESK

Healthcare is entering a transformative era where medicine, technology, and innovation are converging to reshape patient care. Advances in artificial intelligence, digital health, and data-driven solutions are creating unprecedented opportunities to improve healthcare delivery.

HITCON was founded with a vision to bring together **clinicians, innovators, entrepreneurs, and industry leaders** on a common platform to exchange ideas and drive meaningful collaboration.

Over the past decade, this community has steadily grown, and the recently concluded **HITCON @10** celebrated this important milestone. A key focus of our journey ahead is to actively support and connect with the **global healthcare startup ecosystem**, encouraging innovation that can impact healthcare at scale.

With the launch of **HITCON HealthTech Digest**, we hope to continue sharing insights, ideas, and collaborations shaping the future of healthcare.

Warm regards,

Dr. Pragnesh Vachharajani

Founder – HITCON

Ahmedabad | India



ABOUT

HITCON Health Innovation Hub is a **dedicated platform** for healthcare innovation, built to bridge the gap between clinical needs and scalable solutions.

In today's evolving healthcare landscape, innovation requires more than just ideas it demands clinical **validation, ecosystem collaboration, and real-world implementation.**

HITCON was founded with a clear vision:

1 To empower healthcare startups

2 To enable doctors as innovators

3 To build a collaborative ecosystem



VISION

To be the most trusted catalyst for healthcare innovation in India bridging clinical insight with cutting-edge solutions that improve patient care and system efficiency.

Our Core Philosophy



Clinician First Approach



Innovation with Purpose



Ecosystem Collaboration



Scalable Impact

What We Do



Startup Incubation & Acceleration

Structured support for early and growth-stage startups



Hospital Pilot Opportunities

Real-world validation in healthcare settings



Clinical Mentorship Access

Direct connect with practicing doctors



Knowledge Platforms & Events

Conclaves, masterclasses, and networking forums

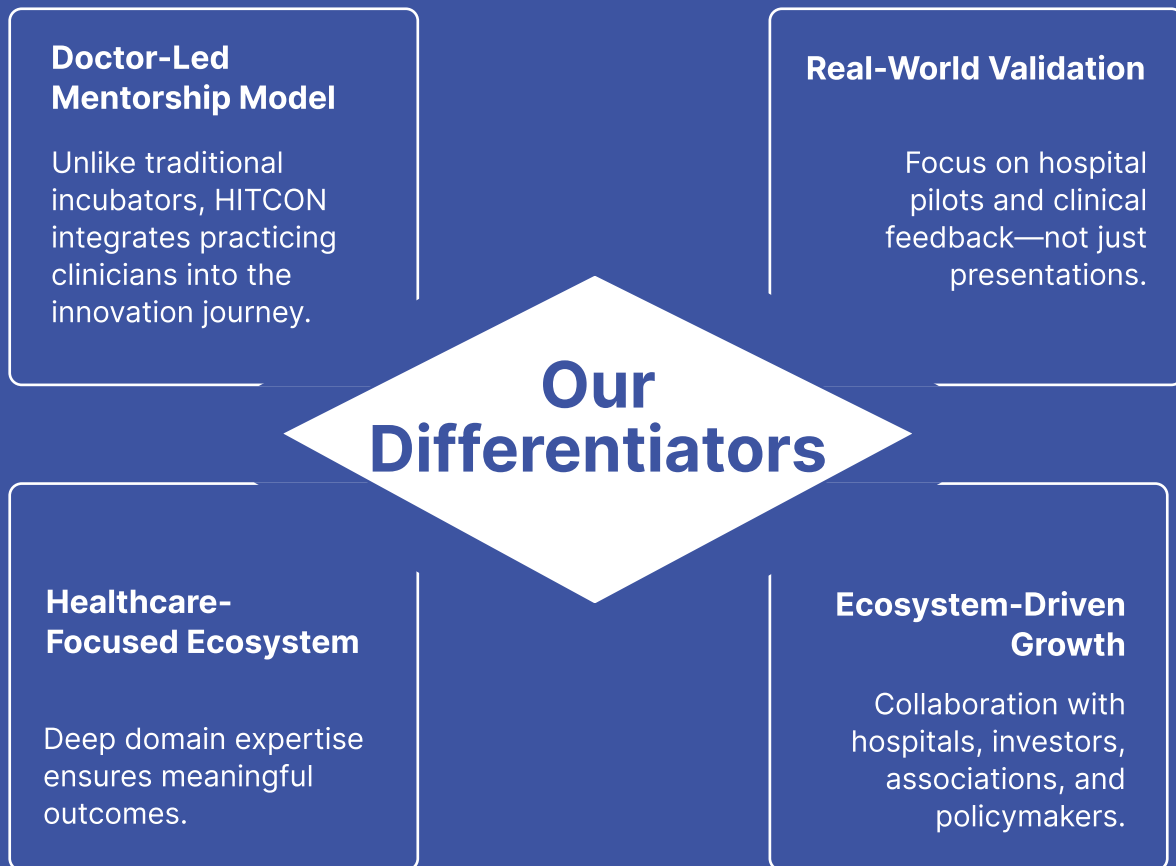


Investor & Funding Connect

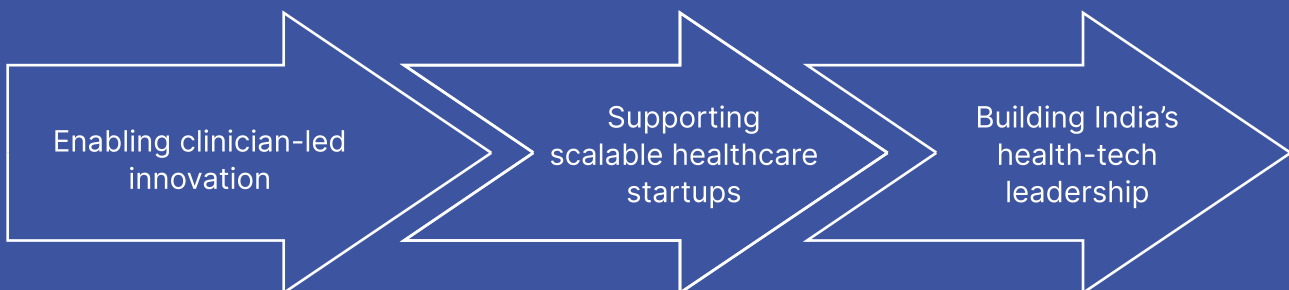
Curated access to funding ecosystem

WHAT MAKES HITCON DIFFERENT

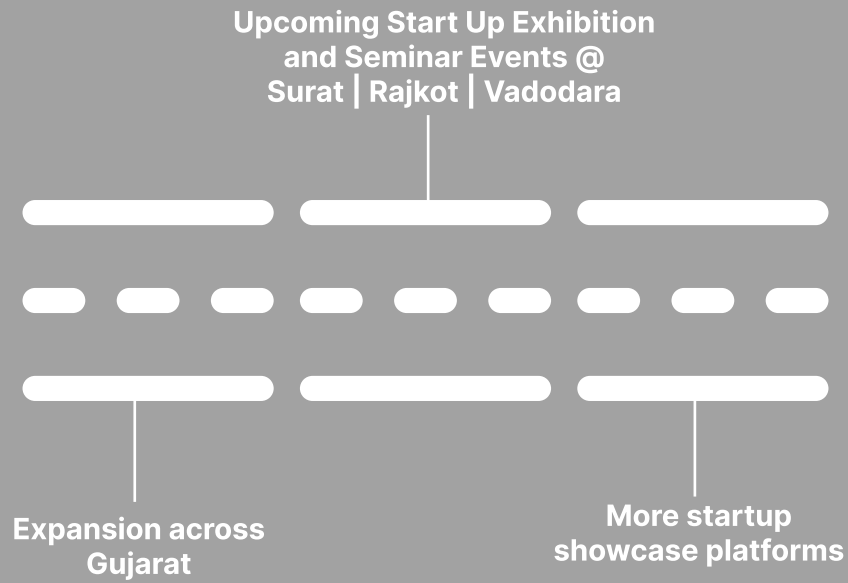
Beyond Incubation — Real Healthcare Integration



Our Impact Vision



Road Ahead



Following the success of this event, the HITCON team is already preparing for a much larger and more impactful edition of HITCON scheduled for August 2026.

We invite the entire healthcare and innovation ecosystem to join us in this journey of shaping the future of healthcare through technology.

The HITCON movement has just begun.

Bigger Things Are Coming





Amrit Mehsana MOU Announcement

We are delighted to announce that HITCON Health Innovation Hub has signed a strategic Memorandum of Understanding (MOU) with Amrit Mehsana—a pioneering district-level initiative focused on transforming Mehsana into a hub for startups and innovation. Amrit Mehsana is part of a larger vision to build a “District Startup Innovation Stack”, positioning Mehsana as India’s first integrated startup and innovation hub at the district level. Supported by national initiatives like Startup India and ecosystem enablers such as i-Hub and NAMO Hub, the mission aims to empower startups through structured support, infrastructure, and policy alignment.

Through this collaboration, HITCON will bring its healthcare innovation expertise into this evolving ecosystem—enabling startups to access clinical validation, mentorship from leading doctors, and real-world deployment opportunities. This creates a strong bridge between innovation, healthcare delivery, and community impact.

This partnership is a significant step toward decentralizing innovation—taking it beyond metro cities and embedding it within districts where real impact can be created. Together, we aim to build a scalable model for healthcare innovation that can be replicated across Gujarat and beyond.



FEATURE STORY

📍 Government Medical College, Bhavnagar

Seeding Tomorrow's Medical Entrepreneurs

500+ Students Engaged
MBBS | Nursing | Paramedical

Program Objective

To introduce young healthcare professionals to entrepreneurship as a natural extension of medicine



Session Highlights

Speaker: Mr. Yash Pandya

- Gujarat Startup Ecosystem Overview
- Funding & Incubation Pathways
- From Idea to Execution

Key Takeaways

- Innovation is a shared responsibility
- Clinical knowledge is a competitive advantage
- Doctors can be founders

"Entrepreneurship is not separate from medicine—it strengthens it."



Hitcon Startup Conclave at Hospex 2026

200
Delegates

19+
Startups

10+
Faculties

10+
Mentors

First of its kind only for Healthcare Startups

Esteemed Partner



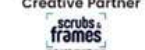
Supported By



Supporting Partner



Knowledge Partner



Stay tuned for 2027

POST EVENT REPORT
HITCON Startup Conclave
at HOSPEX 2026

START UP CONCLAVE @ HOSPEX 2026

📍 Science City, Ahmedabad

📅 20–22 February 2026

200+ Delegates

19+ Startups

10+ Mentors

10+ Experts

Key Highlight

1:1 Mentoring with Leading Doctors

A rare platform where startups interacted directly with clinicians for real-time validation and insights.

Focus Areas

- Scaling healthcare startups
- AI & digital transformation
- Startup–hospital collaboration

Outcome

- Partnerships & pilot opportunities
- Strong networking ecosystem
- Direct clinical validation

HITCON AI Masterclass @ HOSPEX 2026

300+ Delegates

16+ Startups

Key Focus

- Ethical AI in healthcare
- Clinician-centric technology
- Improved patient outcomes
- Digital health ecosystem

Why It Matters

- AI will augment doctors, not replace them
- Expanding access to Tier 2 & 3 cities
- Reducing clinician burnout

CALL FOR STARTUPS

Showcase Your Healthcare Innovation
On
HITCON Website

FREE OPPORTUNITY!!!

Get featured with HITCON and
reach the right audience

Why Participate?

- 1 Exposure to doctors & hospitals
- 2 Build credibility
- 3 Connect with investors
- 4 Generate partnerships

Who Can Apply?

Digital Health

AI in Healthcare

Medical Devices

Hospital Solutions

Public Health

Be part of a growing movement shaping the future of healthcare.

Our Esteemed Mentors



EVENT HIGHLIGHTS







Artificial Intelligence in Critical Care: Enabling Predictive and PrecisionBased Management

Intensive Care Units (ICUs) generate high-dimensional, continuously streaming physiological data that often exceed the limits of unaided human cognition.

Artificial Intelligence (AI) and machine learning techniques are increasingly being integrated into critical care to transform these complex datasets into clinically meaningful predictions, enabling a shift from reactive treatment toward anticipatory and precision-based management.

Recent advances demonstrate the ability of deep learning algorithms to enhance standard 12-lead electrocardiography by detecting subclinical structural heart disease and ventricular dysfunction from routine signals. Machine learning-based hemodynamic monitoring systems derived from arterial waveform analysis have shown the capacity to predict hypotension prior to clinical onset, providing a window for preemptive intervention. In parallel, predictive models have achieved high accuracy in early sepsis detection and in estimating short-term ICU readmission risk, thereby supporting safer discharge planning, timely intervention, and optimized resource utilization.

Despite promising developments, implementation challenges remain, including false-positive alerts, alarm fatigue, clinician skepticism, and the need for robust external validation across diverse populations. Effective integration into clinical workflows and adherence to evidence-based protocols are essential to realizing the full potential of these technologies.

Kind Regards,

Dr. Deepika Dash

Adult Intensivist

UN Mehta Hospital and Research Centre

“ Artificial Intelligence should be viewed not as a replacement for clinical expertise, but as an advanced decision-support augmentation tool. With rigorous validation and responsible deployment, AI-driven predictive analytics holds significant promise in improving patient outcomes, enhancing safety, and advancing efficiency in modern critical care practice. ”



From Algorithms to Impact: Reframing AI Adoption in Healthcare

At the prestigious HITCON AI Masterclass held in Ahmedabad on 22/02/26, Dr. Vipul Nimavat delivered a thought-provoking session titled “AI in Healthcare Operations: Algorithms to Impact.” The session challenged a critical misconception

– hospitals are not failing clinically; they are struggling operationally.

While AI conversations often revolve around advanced clinical decision systems, Dr. Nimavat emphasized that the true opportunity lies in addressing operational pain points such as overloaded OPDs, delayed discharges, billing inefficiencies, revenue leakages, insurance coordination delays, and staff burnout. The core barrier to AI adoption in healthcare, he argued, is not technology – but the Trust Gap.

Signature Adoption Architecture

To bridge this gap, he unveiled his signature framework: “Circle of Confidence” – a structured, three-layer roadmap for responsible AI adoption in healthcare:

1. Administrative & Patient Experience Workflows – The safest entry point delivering quick wins through smarter scheduling, automated documentation, and workflow optimization.
2. Diagnostics, Finance & Operational Intelligence – AI applications that directly impact ROI, revenue cycle management, compliance, inventory, and quality metrics.
3. Clinical Decision Support Systems (CDSS) – Introduced last, positioning AI as assistive, explainable, and always under human oversight.

Placing Patient Outcomes and Financial Sustainability at the center, this framework promotes measured, ethical, and confidence-driven AI implementation rather than random digitization.

Kind Regards,

Dr. Vipul B. Nimavat

COO, Aashka Hospitals Ltd., Gandhinagar | Stanford-Certified in AI in Healthcare
UN Mehta Hospital and Research Centre

“ AI is not going to replace Clinicians or Administrators, It will Redefine the Care we Deliver ”



Precision Health in the AI Era

Talk emphasised the importance of AI and other allied fields to improve time, timing and testing to therapy with better productivity for healthcare and outcomes for patients. The conversation took a futuristic turn with Dr. Chaitanya Buch, who highlighted how Artificial Intelligence is transforming Precision Health into a practical reality for patients.

Key Applications

- Genomics & Proteomics: Crafting individualized treatment strategies based on each patient's unique biological profile.
- Early Detection: Leveraging predictive analytics to identify diseases at their earliest stages, including conditions such as Thalassemia.
- Remote Monitoring: Empowering patients and clinicians through digital tools that enable continuous engagement and effective management of chronic illnesses—anytime, anywhere.

The Path Forward

King Regards,

Dr. C. S. Buch

Vice President of the United Nations backed International Society for Precision Health (India Chapter) and Executive Director of WHEELS Global Foundation, underscores a vital truth: Whether it is a decision or an incision, precision is essential.

“ For healthcare affirms that adopting these technological innovations is no longer a choice—it is the cornerstone of sustainable, high-quality healthcare. ”



AI in SLEEP MEDICINE

AI revolutionizes sleep medicine by enhancing diagnosis and treatment of sleep disorders. Machine learning algorithms analyse multimodal data from wearables, smartphones, and medical devices to detect apnoea, classify sleep stages, and predict sleep quality. AI-driven tools improve accuracy, enable remote monitoring, and personalize interventions.

However, challenges include data privacy concerns, algorithmic biases, and limited interpretability.

In India there is still no standard algorithm available in different commercial wearable smartwatches and smartphones so it's really difficult to completely depend on this data hence clinical sleep evaluation always matters and gold standard sleep study is indicated if required.

Kind Regards,


DR KASHMIRA JHALA

Sr. Consultant Pulmonologist & international sleep specialist
Apollo Hospital International LTD.

“ Overreliance on AI may also lead to missed diagnoses or inappropriate treatment. Balancing AI's benefits with these risks is crucial for effective sleep disorder management. ”



Ahmedabad HITCON AI in Healthcare Declaration - 2026

 22nd February 2026  Vigyan Bhavan, Science City, Ahmedabad

PREAMBLE

We, the clinicians, hospital leaders, policymakers, digital health innovators, and healthcare stakeholders assembled at HITCON Masterclass – AI in Healthcare @ HOSPEX 2026, Ahmedabad, hereby adopt the Ahmedabad HITCON AI in Healthcare Declaration 2026.

Recognizing that Artificial Intelligence is rapidly transforming healthcare delivery, and acknowledging India's leadership in Digital Public Infrastructure through initiatives such as Ayushman Bharat Digital Mission (ABDM) and national digital health frameworks, we commit to responsible, ethical, and patient-centric adoption of AI in healthcare.

OUR SHARED VISION

Reduce administrative burden on doctors

Improve patient outcomes and safety

Enable affordable & accessible healthcare

Augment clinicians, not replace them

Align with India's national digital health ecosystem



We believe that AI in healthcare must

CORE COMMITMENTS OF THE AHMEDABAD DECLARATION

RESPONSIBLE & ETHICAL AI

- Promote transparency in AI tools used in healthcare
- Ensure explainability and clinician oversight
- Uphold patient privacy and data protection standards

ABDM-ALIGNED DIGITAL ECOSYSTEM

- Encourage interoperability with ABDM standards
- Support structured digital health records
- Promote integration with national health data platforms

CLINICIAN-CENTRIC AI ADOPTION

- Train doctors and healthcare teams in practical AI use
- Encourage use-case driven deployment rather than hype-driven adoption
- Focus on reducing burnout & documentation burden

EVIDENCE-BASED IMPLEMENTATION

- Promote validation, clinical trials, and outcome measurement
- Encourage regulatory compliance and safety standards
- Avoid unverified AI claims in clinical practice

DEMOCRATIZING AI FOR TIER 2 & TIER 3 INDIA

- Encourage scalable, affordable AI solutions
- Support adoption in small hospitals and clinics
- Use AI to bridge healthcare access gaps

PUBLIC-PRIVATE COLLABORATION

- Strengthen collaboration between policymakers, hospitals, startups and academia
- Create platforms for ongoing dialogue and knowledge exchange

AHMEDABAD CALL TO ACTION



- Healthcare professionals to embrace AI as a tool for better care
- Hospitals to invest in digital readiness and training
- Startups to build compliant, ethical, clinician-friendly AI solutions
- Policymakers to enable innovation while safeguarding public interest

THE HITCON COMMITMENT



- Create annual AI readiness frameworks for hospitals
- Facilitate AI literacy workshops for doctors
- Encourage ecosystem partnerships aligned with national digital health priorities
- Release periodic progress updates on AI adoption in Indian healthcare

The Ahmedabad HITCON AI in Healthcare Declaration 2026 marks a collective commitment to shaping a future where Artificial Intelligence strengthens India's healthcare system while preserving trust, ethics, and human compassion at its core.


Adopted in Ahmedabad on 22nd February 2026


Collaboration Partner

 **HOSPEX**
HEALTHCARE EXPO

 **Doctors AI**

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Historic Milestone for Digital Healthcare in India!

We are proud to share that the Ahmedabad HITCON AI in Healthcare Declaration 2026 was officially released at Science City! This landmark commitment—led by HITCON in partnership with HOSPEX and the DoctorsAI Network—is already making waves across the nation.

As featured in The Times of India:

Organizations launch historic AI in Healthcare Declaration to ensure responsible, ethical, and clinician-led tech adoption.

Why this matter for you?

The Declaration provides a roadmap for:

- ✓ Clinician-Centric AI: Augmenting doctors, not replacing them.
- ✓ Reducing Burnout: Using tech to cut down on documentation.
- ✓ ABDM Integration: Staying compliant with national digital standards.
- ✓ Democratizing Tech: Bringing AI to Tier 2 & 3 city hospitals.

Let's lead the AI revolution with trust, ethics, and human compassion at its core.

Best regards,

Team Hitcon



Scan the QR code for more info