



M.P SHAH HOSPITAL
COLLEGE OF
HEALTH SCIENCES



EXECUTIVE CERTIFICATE IN
**SUSTAINABILITY
AND CLIMATE ACTION**
IN HEALTHCARE

Setting the Standard for Sustainable Healthcare
Leadership in Kenya.



ABOUT THE PROGRAMME

Healthcare systems today face unprecedented pressure — from climate change and rising operational costs to growing demand for resilient, efficient care delivery. Yet sustainability training within healthcare remains limited and often disconnected from real hospital realities.

The Executive Certificate in Sustainability and Climate Action in Healthcare is a 6-month hybrid professional programme designed to equip

healthcare and allied professionals with the knowledge, tools and leadership capability to integrate sustainability and climate resilience into healthcare systems.

Developed and delivered by M.P. Shah Hospital College of Health Sciences, this is the first healthcare-specific sustainability programme in Kenya, grounded in real-world hospital practice and system-level impact.

WHO THE PROGRAMME IS FOR

This programme is designed for professionals across the healthcare ecosystem, including:

- Doctors, nurses and allied health professionals
- Hospital administrators and operations managers
- Facility, procurement and supply-chain teams
- Public health and environmental health officers
- NGO and community health workers
- ICT and hospital support staff
- Anyone involved in healthcare delivery, planning or management.

No prior background in sustainability is required.





PROGRAMME FORMAT

- Duration: 6 months (24 weeks)
- Delivery: Hybrid (in-person + online sessions)
- Structure: Modular learning + real-world capstone project
- Assessment: Continuous assessment, assignments, case studies and capstone presentation.

WHAT YOU WILL GAIN

By the end of the programme, participants will be able to:

- Integrate sustainability into healthcare operations and clinical practice
- Improve efficiency and reduce operational costs
- Implement green hospital practices (energy, water, waste, procurement)
- Lead sustainability and climate resilience initiatives
- Strengthen emergency preparedness and system resilience
- Apply learning through a real-world capstone project in their own health context

PROGRAMME FORMAT

MODULE

1

Introduction to Sustainability in Healthcare

Duration: 1 Week

- Foundations of sustainability in healthcare
- Environmental, economic and social sustainability
- Global and Kenyan perspectives on sustainable healthcare delivery

MODULE

2

Climate Science, Planetary Health & Public Health

Duration: 1 Week

- Climate science and global warming trends
- Planetary boundaries and health impacts
- Ecosystems, health equity and climate-sensitive diseases

MODULE

3

Healthcare's Environmental Footprint & Sustainability

Duration: 2 Weeks

- Climate change and healthcare systems
- Green hospital practices: energy, water and waste
- Sustainable procurement and supply chains
- Infection control and sustainability
- Healthcare emissions, carbon accounting and metrics

PROGRAMME FORMAT

MODULE

4

Sustainable Clinical & Operational Practices

Duration: 2 Weeks

- Low-carbon clinical pathways
- Sustainable nutrition and hospital food systems
- Green pharmacy and ethical prescribing
- Telehealth, virtual care and green hospital design
- Circular economy approaches in healthcare

MODULE

5

Policy, Leadership & Governance for Sustainability

Duration: 1 Week

- Leadership roles in climate mitigation and adaptation
- Embedding sustainability into hospital strategy
- Environmental policies and governance models
- Financing and public-private collaboration

MODULE

6

Climate Resilience & Emergency Preparedness

Duration: 1 Week

- Climate-related health emergencies
- Emergency preparedness planning
- Resilient health infrastructure
- Business continuity during extreme weather events

PROGRAMME FORMAT

MODULE

7

Community Engagement, Communication & Ethics

Duration: 2 Weeks

- Ethical responsibilities in climate action
- Climate-health literacy and patient communication
- Risk communication during crises
- Social sustainability and healthcare equity
- Community and stakeholder collaboration

MODULE

8

Research, Innovation, Technology & Data

Duration: 2 Weeks

- Digital health and clean energy solutions
- AI and data for sustainability planning
- Environmental monitoring and health data
- Innovation and research methodologies

MODULE

9

Capstone Project

Duration: 1 Week

Participants will design and present a real-world sustainability initiative addressing a key challenge within their own healthcare context.

The capstone ensures learning translates into practical, measurable impact.

CERTIFICATION

Graduates receive a Certificate in Sustainability and Climate Action in Healthcare issued by M.P. Shah Hospital College of Health Sciences, endorsed by M.P. Shah Hospital.

PROGRAMME FEES

Kshs.
100,000
Individual Package

Kshs.
85,000
Corporate Package
Per Person
(Min 3 Pax)

Ideal for hospitals, NGOs and organisations sponsoring staff capacity building.

FREQUENTLY ASKED QUESTIONS (FAQs)

1. What is the Executive Certificate in Sustainability and Climate Action in Healthcare?

It is a 6-month hybrid professional programme designed to equip healthcare and allied professionals with practical skills to integrate environmental sustainability, climate resilience, and efficient operations within healthcare systems.

2. Who should enrol in this programme?

The programme is open to:

- Doctors, nurses, and allied health professionals
- Hospital administrators and managers
- Facility, procurement, and operations teams
- Public health and environmental officers
- NGO and community health workers
- ICT and hospital support staff
- Anyone involved in healthcare delivery or management will benefit.

3. How long is the programme and how is it delivered?

The programme runs for 6 months (24 weeks) and is delivered in a hybrid format combining in-person sessions and online learning for flexibility.

4. Do I need a background in sustainability or environmental studies?

No. The programme is designed for healthcare professionals and starts with foundational concepts before progressing to practical applications.

5. What will I gain from this course?

Participants will learn how to:

- Reduce hospital environmental impact
- Improve operational efficiency and cost management
- Implement green hospital practices
- Lead sustainability initiatives
- Build climate-resilient healthcare systems
- Apply knowledge through a real-world capstone project

6. Is the certification recognised?

Yes. Graduates receive a Certificate in Sustainability and Climate Action in Healthcare issued by M.P. Shah Hospital College of Health Sciences, endorsed by M.P. Shah Hospital.

7. How is the programme assessed?

Assessment includes:

- Continuous tests
- Practical assignments
- Case studies and group projects
- A capstone sustainability project addressing a real healthcare challenge

8. Can hospitals or organisations enrol staff in groups?

Yes. Group registrations are encouraged and attract discounted rates. This is ideal for hospitals, NGOs, and corporate healthcare partners.

9. Will I receive support after completing the course?

Yes. Graduates join an alumni network and continue to receive professional support, resources, and engagement opportunities.

10. How do I apply or get more information?

You can apply through our website:

<https://mpshahcollege.ac.ke/apply/>

To find out more get in touch with the M.P. Shah College of Health Sciences today:

nursingschool@mpshahhospital.org

Call: 020 4291 000/384

This programme is not about awareness alone. It is about capability, leadership and system impact. If you are committed to shaping the future of healthcare - this is where that journey begins.



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