

Digital Health Diploma Curriculum

This curriculum aims to provide a comprehensive understanding of digital health, its implementation, and the practical challenges faced, particularly in the context of Pakistan

MODULE 1:

1. Evolution of Digital Health

- Trace the Step-by-Step Development & Evolution in Digital Health
- Understanding of key milestones & significant technological advancements
- Evaluate historical context and future trends
- Analyse the Impact of Technology Advancement in Healthcare

2. Digital Health Ecosystem

- Understand the Verticals that Complement & Integrate a Digital Health Ecosystem
- Analyse the Interconnectivity in a Digital Health Ecosystem
- Understand the challenges in achieving interconnectivity

3. Digital Health Ecosystem in Pakistan

- Understand the Existing Digital Health Ecosystem in Pakistan
- Analyse current landscape and key players
- Evaluate its Practical Efficacy towards Achieving a Meaningful Impact in Healthcare in Pakistan

4. Telehealth & Telemedicine

- Understand what is the Difference Between Telehealth & Telemedicine

5. Telehealth Protocols

- Understand the Best Practices to Conduct Telehealth
- Evaluate guidelines and standards ensuring quality and safety

6. Do's & Don'ts in Telehealth

- Clearly Understand as a Doctor What Consultations are to be Conducted via Telehealth & What to Avoid & Refer to a Hospital
- Understand types of consultations suitable for telehealth
- Analyse limitations and referral criteria
- Trace the Most Common Telehealth Consultations along with common conditions treated via telehealth
- Evaluate Patient outcomes and satisfaction

Assignments

MODULE 2

7. Telehealth Models in Other Countries

- Analyse the Telehealth Models Being Followed in Other Countries Around the World
- Evaluate comparative study of different models
- Understand Best practices and lessons learned

8. Proposed Telehealth Model for Pakistan

- Analyse the Proposed Telehealth Model for Pakistan Along with Its Impact
- Evaluate model overview and implementation plan
- Understand expected outcomes and impact analysis

9. Telco/Corporate Telehealth Models

- Understand the Existing B2B, B2C Telehealth Products Live in Pakistan
- Analyse Market analysis and case studies
- Evaluate success factors and challenges

10. E-Lab

- Understand the Complete Cycle of Online Lab Services
- Analyse workflow and technology involved
- Track user experience and logistics
- Evaluate its Practical Efficacy

11. Walk-in Doctor Appointments

- Understand the Complete Cycle of Online Walk-in Doctor Appointments
- Evaluate process flow and technology integration
- Evaluate its Practical Efficacy & Challenges and obstacles faced

12. E-Pharmacy

- Understand the Complete Cycle of E-Pharmacy
- Track operational workflow and regulations technology and logistics
- Evaluate its Practical Efficacy, Existing Models & Challenges
- Analyse case studies and market analysis

Assignments

MODULE 3

13. Wearable Tech & Remote Patient Monitoring

- Understand the Existing Wearable Tech and Remote Patient Monitoring Gadgets in the Market Local & Abroad
- Evaluate overview of products and technologies
- Analyse case studies on usage and outcomes
- Evaluate Their Impact & Practical Efficacy
- Track Benefits and challenges
- Analyse patient and healthcare provider feedback

14. EMR, ICD, CPT, Data Sharing & Analysis

- Understand EMR (Electronic Medical Record)
- Understand ICD, CPT and their Role in Medical Billing
- Track their Integration with healthcare systems

15. AI, Predictive Health, OCR

- Understand the Potential Impact of AI & Health Data Lake to Improve Health Outcomes
- Evaluate overview of AI applications in healthcare
- Track case studies on predictive health & OCR (Optical Character Recognition)

16. Clinical Decision Support

- Understand the Potential Impact of Clinical Decision Support Systems
- Evaluate types of support systems
- Understand case studies and efficacy

17. Startups in Digital Health (Local)

- Evaluate the Success & Failure of Digital Health Startups in Pakistan
- Analyse case studies and lessons learned
- Track key success factors and pitfalls

18. Startups in Digital Health (International)

- Evaluate the Success & Failure of Digital Health Startups Worldwide
- Track global case studies
- Evaluate Insights and trends

Assignments

MODULE 4:

19. Data Privacy & HIPAA Compliance

- Understand What is HIPAA Compliance
- Evaluate key regulations and standards

Industry Leaders Interaction

Sessions with industry leaders to gain insights and practical knowledge

MODULE 5:

- Physical/Online Visits to Tech & Digital Health Companies
- Field trips and virtual tours
- Exposure to real-world applications and operations

MODULE 6:

- Round Table Moot Tea Sessions
- Networking sessions
- Discussions and knowledge sharing

Key Features:

Engagement with Digital Health Visionaries:

Key digital health visionaries and industry leaders will deliver insightful lectures & engage in interactive discussion sessions.

On-Campus Tours & Interactions:

On-campus tours and interactions with digital health ecosystem stakeholders. Exposure to both local and international digital health landscapes

Program Details:

Duration: 6 months

Fees: Rs 60,000

Mode: Hybrid / Online

Embark on a transformative journey to understand and shape the future of healthcare in Pakistan. Join us to be at the forefront of health digitisation.

Contact.

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