Tech for Good: The Role of ICT in Achieving the SDGs

Lead Faculty: Dorothy Gordon, Chair, UNESCO Information for All Programme (IFAP)

Weekly Modules:

1. **Welcome to the Digital Age**
   1. Introduction to the Course **(Dorothy Gordon)**
   2. Bridging the Digital Divide **(Dorothy Gordon)**
   3. Three Approaches to ICT for the SDGs **(Dorothy Gordon)**
2. **Technology for Governments and Citizens**
   1. Equity and Access to Services **(José Clastornik)**
   2. User-Driven Public Administration **(José Clastornik)**
   3. It's All About the Data **(José Clastornik)**
   4. The Open Government Approach **(José Clastornik)**
   5. Case Study: Aadhaar in India **(Nandan Nilekani and Dr. Pramod Varma)**
   6. The Challenges of Digital Government **(José Clastornik)**
3. **ICT Infrastructure**
   1. Enabling ICT: The Role of Infrastructure **(Doreen Bogdan-Martin)**
   2. Promoting Digital Inclusivity **(Doreen Bogdan-Martin)**
   3. Innovations in Infrastructure **(Doreen Bogdan-Martin)**
   4. Building Smart Sustainable Cities **(Doreen Bogdan-Martin)**
   5. ICT as Infrastructure: A Look at Societal Platforms **(Nandan Nilekani and Shankar Maruwada)**
4. **ICT Innovations in Health**
   1. Achieving Universal Health Coverage **(Chief Nathaniel Ebo Nsarko)**
   2. Improving Healthcare Delivery **(Chief Nathaniel Ebo Nsarko)**
   3. Involving the Community **(Chief Nathaniel Ebo Nsarko)**
   4. Evidence in Action: Success Stories of ICT and Health **(Chief Nathaniel Ebo Nsarko)**
   5. Emerging Challenges and Opportunities **(Chief Nathaniel Ebo Nsarko)**
5. **Learning in Knowledge Societies**
   1. The Ecosystem of ICT for Education **(Guilherme Canela Godoi)**
   2. Education for a Connected World **(Guilherme Canela Godoi)**
   3. Sharing Knowledge: ICT, Openness, and Inclusion **(Guilherme Canela Godoi)**
   4. Measuring ICT and Education: Frameworks **(Alison Kennedy)**
   5. Measuring ICT and Education: Data and Indicators **(Alison Kennedy)**
   6. Rethinking ICT for Education Policies **(Guilherme Canela Godoi)**
6. **Promoting Financial Inclusion**
   1. An Introduction to Financial Services **(Eduardo Diniz)**
   2. The Potential of Digital Platforms **(Eduardo Diniz)**
   3. Mobile Payments for Marginalized Communities **(Eduardo Diniz)**
   4. ICT for Enabling Access to Credit **(Eduardo Diniz)**
   5. Replacing the Cash Economy **(Eduardo Diniz)**
   6. The Challenges of ICT-enabled Financial Inclusion **(Eduardo Diniz)**
7. **Measurement and Metrics for ICT and the SDGs**
   1. Managing Data for the SDGs **(Luis Gonzalez Morales)**
   2. ICT Innovation for Statistical Development **(Luis Gonzalez Morales)**
   3. Engaging with Data: Communications and Citizen Empowerment **(Luis Gonzalez Morales)**
   4. Case Study: Brazil's Cetic.br **(Alexandre Barbosa)**
   5. Measuring ICT **(Jessica Espey)**
   6. ICT for Monitoring the SDGs **(Jessica Espey)**

7. Limitations of ICT for Monitoring the SDGs **(Jessica Espey)**
8. **Artificial Intelligence for Development**
   1. An Introduction to Artificial Intelligence **(Sara Rendtorff-Smith)**
   2. Who Drives the Agenda on "AI for Good"? **(Sara Rendtorff-Smith)**
   3. Implications for Discrimination and Exclusion **(Sara Rendtorff-Smith)**
   4. The Human Side of AI: Risks and Ethics **(Sara Rendtorff-Smith)**
9. **Concerns for our Digital Future**
   1. Privacy and the Importance of Trust **(Katina Michael)**
   2. Knowing your Data Rights **(Katina Michael)**
   3. Cybersecurity **(Katina Michael)**
   4. The Downsides of Digital **(Jeffrey Sachs)**
10. **The Way Forward**
    1. The New Workforce: Six Points about the Future of Work **(Jeffrey Sachs)**
    2. The Meaning of Work in the Digital Era **(Jeffrey Sachs)**
    3. The Open Movement **(Dorothy Gordon)**
    4. Closing Thoughts on ICT for the SDGs **(Dorothy Gordon)**

Couse faculty and affiliations:

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