



WHO Collaborating Centre
Health Innovations

Health Technology
Assessment in India (HTAin)



9th International Fellowship on **HEALTH TECHNOLOGY ASSESSMENT (HTA)**

18th - 24th March 2024

Venue: Kalam Convention Center
C/o AMTZ Campus, Pragati Maidan, V M Steel Project S O,
Visakhapatnam, Andhra Pradesh- 530031 India



9th International Fellowship on Health Technology Assessment

The 9th International Fellowship on Health technology assessment is being launched to promote the advancement of knowledge and expertise in health technology assessments. By offering this fellowship, KIHT aims to equip participants with the latest methodologies, best practices, and insights in HTA, empowering them to become leaders in the field.

Program Benefits:

- **Conceptual Mastery in HEOR:** Achieve expert-level understanding in Health Economics and Outcomes Research (HEOR) through direct engagement with global leaders, delving into intricate concepts for a nuanced comprehension.
- **Consulting Excellence:** Develop indispensable consulting skills by actively participating in discussions with industry experts, honing the ability to offer strategic insights tailored to the complex landscape of HEOR.
- **Research Methodologies Expertise:** Gain hands-on proficiency in crafting and executing precise HEOR studies, covering study design, evidence synthesis, and advanced modeling techniques to elevate your practical skill set.
- **Technological Proficiency in HEOR:** Familiarize yourself with cutting-edge software tools and platforms, refining your technical prowess. Your hands-on experience will make you adept at leveraging the latest technological advancements specific to HEOR.
- **Global Networking Precision:** Join a dynamic global network of HEOR researchers and experts, fostering precise collaboration, targeted idea exchange, and staying abreast of the latest developments in the ever-evolving landscape of health economics and outcomes research.
- Successfully completed projects will be published in The International Journal of Health Technology and Innovation (IJHT)

Who should attend?

- Healthcare Policy makers and Regulators
- Medical Professionals and Practitioners
- Health Economist and Researchers
- Healthcare Industry and Innovators
- Academicians and Students
- Hospital Administrators

Day 1 (18.03.2024) - Monday

Session no.	Time	Session	Format	Presenter / Resource Person
1.1	08:30- 09:30	Registration of fellowship program		
1.2	09:30-09:45	Inaugural address		Manisha/ Annie J/ EMC2 Team Dr. Jitendra Sharma , Executive Director KIHT
1.3	09:45-10:00	Inauguration- Lamp Lighting		All the speakers
1.4	10:00- 10:15	Brief overview of HTAI and the way forward	Presentation	Dr. Anu Nagar , Joint Secretary, DHR
1.5	10:15-11:00	Recent trends and advancements in HEOR – Global and Indian perspective	Panel Discussion	Dr. Jitendra Sharma , Executive Director, KIHT
			Moderator: Dr. Kavitha Rajasekhar , HTAI, DHR	Dr. Anu Nagar , Joint Secretary, DHR
				Prof. Prakesh S Shah , University of Toronto, Canada
				Dr. Anuj Mubayi , Illinois State University, USA
				Dr. Shyama Nagarajan , Executive Director, Academy of Hospital Administration (AHA), India
11:00-11:15		Tea break		
1.6	11:15 – 13:15	Research Methodology	Interactive presentation	Prof. Prakesh S Shah , University of Toronto, Canada
		Introduction to Research Methodology		
		Systematic Reviews & Meta-analyses		
		Developing the search strategy		
13:15-14:15		Lunch break		
1.6.1	14:15- 16:15	Exercise 1: Research Methodology, Developing the search strategy, AI tools for Systematic Reviews	Hands-on	Prof. Prakesh S Shah , University of Toronto, Canada
16:15- 16:30		High tea		

Day 2 (19.03.2024) - Tuesday

Session No.	Time	Session	Format	Presenter/ Resource Person
2.1	09:30 – 11:00	Assessment of methodological quality and critical Appraisal	Interactive Presentation	Prof. Prakesh S Shah, University of Toronto, Canada
		Data extraction and synthesis		
		Interpretation of forest plots		
11:00- 11:15		Tea Break		
2.1.1	11:15- 12:15	Exercise 2: Critical Appraisal and Validation of the results	Hands-on	Prof. Prakesh S Shah, University of Toronto, Canada
2.1.2	12:15-13:15	Exercise 3: Demonstration of search in detail in PubMed		
13:15- 14:15		Lunch break		
2.1.3	14:15-15:15	Exercise 4: Reference using Zotero/Mendeley	Hands on	Prof. Prakesh S Shah, University of Toronto, Canada
2.1.4	15:15-16:15	Exercise 5: Forest Plots using RevMan		
16:15-16:30		High Tea		

Day 3 (20.03.2024) – Wednesday

Session No.	Time	Session	Format	Presenter/ Resource Person
3.1	09:30- 11:00	Introduction to cost-effectiveness analysis and quality-adjusted life years	Interactive Presentation	Prof. Anirban Basu, University of Washington, USA
11:00- 11:15		Tea break		
3.1.1	11:15-13:00	Introduction to Decision Trees & Markov Model	Interactive Presentation	Prof. Anirban Basu, University of Washington, USA
		Hands-on Markov Modeling in Excel to calculate QALYs	Hands On	
13:00-14:00		Lunch Break		
3.2.1	14:00-15:00	Introduction to Modeling Costs in CEA	Interactive Presentation	Prof. Anirban Basu, University of Washington, USA
3.3	15:00-16:00	Hands-on Markov Modeling in Excel to calculate QALYs	Hands On	
16:00- 16:15		Tea break		
3.4	16:15-17:30	Group Exercise on budget allocation	Group Exercise	Prof. Anirban Basu, University of Washington, USA

Day 4 (21.03.2024) - Thursday

Session No.	Time	Session	Format	Presenter/ Resource Person
4.1	10:00 – 12:00	Introduction to Causal Inference & Machine learning in Statistics	Interactive presentation	Prof. Anirban Basu, University of Washington, USA
12:00-13:00		Lunch break		
4.2	13:00-13:30	Claims Data Collection	Online Presentation	Ms. Shayana Ganeshan
4.3	13:30-16:00	Statistical Modeling	Interactive presentation	Dr. Anuj Mubayi, Illinois State University, USA
16:00-16:15		Tea Break		
4.4	16:15-17:00	Value-Based Healthcare: Leveraging Electronic Medical Records for Patient Outcomes	Interactive presentation	Dr. Keerti Bhusan Pradhan, Chitkara University

Day 5 (22.03.2024) – Friday

Session No.	Time	Session	Format	Presenter/ Resource Person
5.1	09:30- 10:30	Using costing database to estimate costs for Economic Evaluation	Online Presentation	Dr. Shankar Prinja, PGIMER
5.2	10:30 - 11:30	Tools for Health utilities - EQ-5D-5L, EQ-5D-3L, SF-36		
11:30- 11:45		Tea break		
5.2.1	11:45- 13:15	Exercise 6: Interpretation of CEA Plane and CEA Curve VBA, Displaying results on the CE plane Confidence intervals for CE ratios	Group Activity/Quiz	Dr. Shankar Prinja, PGIMER
13:15-14:15		Lunch break		
5.4	14:15-16:45	Introduction to Budget Impact Model	Online Presentation	Dr. Shankar Prinja, PGIMER
		Budget allocation		
		Exercise 7: BIM in excel	Hands-on	
5.5	16:45-17:30	Exercise 8: Working with SIDDHI	Group Exercise	Keerthan R M, KIHT
	17:30-17:45	High Tea		

Day 6 (23.03.2024) - Saturday

Session No.	Time	Session	Format	Presenter/ Resource Person
6.1	09:30- 11:30	Bootstrapping simulation	Interactive presentation	Dr. Anuj Mubayi, Illinois State University, USA
		Infectious disease modeling		Dr. Sudipa Chauhan, Institute of Health Economics, Canada (online)
		Value messages and flower with respect to socio- determinants of health?		
11:30- 11:45		Tea break		
6.2	11:45-13:15	Value of information analysis	Interactive presentation	Dr. Anuj Mubayi, Illinois State University, USA
		Return of Investment		Dr. Sudipa Chauhan, Institute of Health Economics, Canada (online)
		Survey of software in HEOR		
	13:30- 14:30	Lunch Break		
6.3	14:30-16:30	Research Framework	Group Exercises	Dr. Phani Veeranki, Optum, USA
		Industrial Experience; Defining the Research Question and Developing a Protocol		
		Defining the Research question - small group exercise		
		Exercise 9: Presentation of research question by groups		
16:30 – 16:45		Tea Break		
6.4	16:45-18:15	Introduction to R and R Studio for Economic Evaluation	Online Presentation	Dr. Howard Thom, University of Bristol
		Estimating Probabilities, Cost and Utilities in R		
6.5	18:15-19:00	Payment Methods	Interactive presentation	Dr. Anuj Mubayi, Illinois State University, USA

Day 7 (24.03.2024) – Sunday

Session No.	Time	Session	Format	Presenter/ Resource Person
7.1	09:30- 11:15	Legal and ethical dimensions in HTA	Online presentation	Prof. Dr. Angela Brand, Manipal University
		Ethical principles in research & cost-effectiveness analyses		
		RWE Framework for India	Interactive Presentation	Mr. Somnath Basu (AMTZ)
11:15- 11:30		Tea break		
7.2	11:30-13:00	Value Framework	Interactive presentation	Dr. Kavita Kachroo, COO, KIHT
13:00-14:00		Lunch Break		
7.3	14:00-16:00	Exercise 10: Decision Tree and Markov Model in R	Hands-on	Dr. Phani Veeranki, Optum, USA
7.4	16:00-17:30	Project Delivery	Interactive presentation	Dr. Anuj Mubayi, Illinois State University
		Proposal writing		
		Storyboard		
		Project Management		
7.5	17:30-18:00	Success Stories	Presentation	Dr. Kavita Kachroo, COO, KIHT
18:00-18:15		High Tea		
7.6	18:15-19:00	Certificate Distribution & Valedictory Note		

Venue

Kalam Convention Center, C/o AMTZ Campus, Visakhapatnam

Contact Us

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