

**EVENT REPORT 2023-24**

1.	<b>Name of the Activity</b>	Data Analytics for Predicting Cost in Healthcare	
2.	<b>The activity is:</b> Seminar/Workshop/Training/Programme/Rally	Training	
3.	<b>Level:</b> National/State/University/District/College	National	
4.	<b>Objective:</b> The objective of this course is to familiarize participants with basic financial and managerial accounting concepts along with equipping them requisite analytical skills, for better decision making.		
5.	<b>Day &amp; Date</b>	20-22 February 2024	
6.	<b>Venue</b>	Online	
7.	<b>The program is organized by</b>	IIHMR Delhi	
8.	<b>Number of Stakeholders participated</b>	Participant	4
9.	<b>Describe briefly the outcome of the program/event</b> Upon successful completion of the course, the participants are able to: <ul style="list-style-type: none"><li>Remember why certain techniques are used and what are their strengths or limitations when applied in administrative setting.</li><li>Understand the difficulties and challenges involved in decision making under uncertain or risky conditions.</li><li>Apply quantitative data effectively in making managerial decisions.</li><li>Analyse and express decision problems in a quantitative manner and use appropriate Operations Research Techniques in finding optimal solutions.</li><li>Create quantitative / mathematical models for decision problems in a variety of functional areas of healthcare management.</li><li>Critically evaluate and appraise policies &amp; programs relevant to Operations Research and suggest recommendations for policy changes.</li></ul>		

# INTERNATIONAL INSTITUTE OF HEALTH MANAGEMENT RESEARCH

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### Cost

- Any expense incurred during the operations for providing the good or service to get the output into the hands of the customer
- The customer could be the public (the final consumer) or another business
- Controlling costs is essential to business success

Participants: Dr. Pankaj Talreja, Dikshant Chauhan, Ankit Kumar, SDalai, Shyam, Chirag Yadav, Vineet, Dr. Shefali Kausik, Ranjeet

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4. How many orders will be placed per year?  
5. What is the total annual expense of entering 600 pairs of trousers every year? How much is saved per year by reducing the EOQ?  
7. Fit a linear trend curve by the least-squares method to the following data:

Year	Production (Kg.)
2001	3
2002	5
2003	6
2004	6
2005	8
2006	10
2007	11
2008	12
2009	13
2010	15

How much production should be expected in 2018?  
**SELECT FOR ROLLSHEET MODE**

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