Registration Form

All prospective participants are requested to fill and submit enclosed registration form along with the required fee on or before 6th May 2022 to the program coordinator. Selection of the candidates will be based on first come first serve basis. The selected candidates will be intimated accordingly. If the applicant is not selected their respective fee will be returned back. If requested, the fee can be adjusted to future program. The participants can register online.

Registration link: https://bit.ly/3KuKtCU

Program Fee

The course fee is Rupees 2500/- (two thousand five hundred per participant). The fee includes cost of tuition, course material, tea, lunch. The fee is to be paid in advance by Online payment in favor of DIT University.

The details are mentioned below:

Name of the Bank: AXIS Bank
Account No.: 921010054446130
IFSC Code: UTIB0000093
Name of the Account: DIT UNIVERSITY CONFERENCES A/C

Important Dates & Checklist

Last Date of

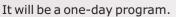Receipt of Application Form: 6th May 2022

Receipt of fee transfer: 6th May 2022 Intimation of Final list of Participants: As soon as registration form received.

Outstation candidates must intimate in advance for their accommodation if required, to the coordinator, as we have limited accommodation available. A nominal amount will be charged for it.

Preferably carry a laptop.

Program Date & Venue

The program shall be organized on 7th May 2022, at DIT University, Dehradun from 9:30 AM to 6:00 PM.

It will be a one-day program.

About HNB Medical Education University

HNB Medical Education University was established to fulfill the long standing need of the people of Uttarakhand to have an institution for the advancement and development of medical education in the state. It aims not only to guide the medical, dental, nursing and para-medical education in the state by affiliating all such institutions with it but also itself carry high level and specialized teaching and research. It also aims at providing quality research.

About DIT University

DIT University is a premier Institute of Higher learning in the area of Science, Engineering and Technology, Liberal Arts & Management, Pharmacy and Architecture. Over a long and proud history, DIT has post the limits of knowledge with innovation and carved a niche in professional and technical education through emphasis on quality education with up to date curriculum and lecture delivery methods supported by strong laboratory components. DIT University is designed to provide holistic education, enabling students to stand on their own feet.

Chief Patron

Mr. Anuj Aggarwal	Chairman, DIT University
Mr. N. Ravi Shanker	Chancellor, DIT University

Patrons

Prof. G. Raghurama	Hon'ble Vice-Chancellor, DIT University
Prof. Priyadarshan Patra	Hon'ble Pro Vice Chancellor, DIT University
Dr. Hemchandra	Hon'ble Vice-Chancellor, HNB Medical Education University

Program Coordinator

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Organizing Member(s)

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DIT UNIVERSITY
IMAGINE ASPIRE ACHIEVE

One Day Workshop on

HEALTHCARE ANALYTICS

Organized by
**HNB Medical Education University
and
DIT University**

Date: Saturday, May 7, 2022
Venue: DIT University, Dehradun

Introduction

Healthcare organization must have a way to harness the data at their disposal and take advantage of it to improve clinical and organizational performance. HEATHCARE ANALYTICS is critical to gain knowledge, insight and actionable information from existing health data. Health Care Analytics are Systems, Tools and Technologies that help Health Care Organization's to gain insight into current performance and guide future actions by identifying patterns and relationships in data and using that understanding to guide decision making.

About the Program

To Err is Human: Building a safe health system is the need of the Hour. Through Health Care Analytics we can improve processes, provide essentials of safe, efficient and effective patient care.

Healthcare Analytics program shall equip health administrators, quality managers, senior management and key players in operations and clinical services to use the data available in our healthcare system, analyze this data through various tools and technique and transform it into right information, to be given to right people at right time in right format with right technology.

This will guide in fact-based decision-making and constant quality improvement. The program intends to sensitize healthcare professionals towards Healthcare Analytics and use the understanding of analytics in delivering safe, effective and efficient patient care.

Objectives of Program

- Understand the emergence of Healthcare Analytics as a competitive and quality improvement strategy.
- Have a conceptual and theoretical foundation of Health Care Quality Indicators
- Improving Performance of Health Care Professional using Analytics
- Learn about Audit Methods, Tools and Techniques.

Outcomes

- Analyze data using supervised and unsupervised machine learning algorithms.
- Develop and implement quality indicators across all departments under structure, process and outcome.
- Develop a Balance Score Card for healthcare personnel
- Benchmarking and analysis of quality indicators in Health Care.

Program Participants

The Program is for Doctors, Owners of Hospital, Senior Nursing Professionals, and Professionals in Health Care Quality Management.

Course coverage

- An overview of Overview of Analytics in Health Care
- Descriptive, predictive and prescriptive analytics techniques and tools.
- Formulation of Quality Indicators, their objective & rationale.
- Performance management system and use of Balance score card for healthcare personnel.
- Hands on Exercises using tools of data analysis and enactment of the quality implementation process.

Pedagogy

The program shall use a judicious mix of variety of methods to ensure effective learning in a practical context including tutor led discussions, case studies, and simulation exercises. All sessions will ensure that there are practical implications related to Analytics and Quality.

The presentations and lecture will provide technical inputs on what specific aspects of health care should be focused and have quality indicators. These presentations will be in the form of Power Point presentations, hard copies of which will be provided to the participants. There will also be a demonstration on the software like Excel and SPSS for use and future referencing.

Pre-preparation

Prior to coming to workshop the participants are advised to write down the areas of their concern or areas in which they would like some improvement. It will be further better if they can come with some data on which they can practice. In this way they will be able to get the best out of this workshop. Participants can also send area/topic of interest to the organizers. If possible the instructors will focus on those areas sessions during practice sessions.