

GLOBAL ONLINE CERTIFICATION COURSE ON

BUSINESS AND OPERATIONS ANALYTICS 2022

COURSE REPORT

Course Instructors



PROF. DAVID SIMCHI-LEVI

Business & Supply Chain Analytics
Director, Data Science Lab
Massachusetts Institute of Technology, USA

PROF. MANOJ K. TIWARI

Director, NITIE Mumbai



About NITIE

- National Institute of Industrial Engineering was established in 1963 by the government of India, is one of the leading institutes for Management Education.
- NITIE is widely known as the leading Institute in the area of supply chain and Operations, and it holds a purpose in advancing the transformative education and industry inspired research in different domains thus dedicating itself to help Indian businesses to make their presence felt globally.
- NITIE has a strong linkage with private and public sectors, national research institutes, other academic institutions universities, government Organizations and communities



Rankings

12

NIRF Rankings 2021:
Top Management institutes
in India

12

Business Today's India's
Best B-Schools
Survey 2020 Ranking

Highest CTC

49 LPA

Average CTC

25.4 LPA

Median CTC

22 LPA

Recruiters

107

Success of Previous Courses with Prof. David Simchi-Levi

- NITIE has successfully completed 3 versions of the Global Online Certification Course on Supply Chain Digitization & Management, End-to-End Supply Chain Transformation through Digitization and Business & Operations Analytics in association with Prof. David Simchi- Levi in 2021.
- The courses received an overwhelming response with 5000+ individuals from reputed national and international organizations. Some prominent academic institutions include the IITs, IIMs, IIFT, University of London, University of Warwick and some eminent organizations include P&G, HUL, GE, ITC, Amul, Deloitte, General Mills, IBM, Titan, Reliance, PwC and many more.

Participants

5900+

Countries

17+

Organizations

700+

Professionals

1750+

**Students & Faculties Trained
from IIMs & IITs Trained**

780+

About Course

- After the tremendous success of Business and Operations Analytics 2021, NITIE is proud to present the Global Online Certification Course on 'Business and Operations Analytics 2022'.
- The course emphasizes on the Business and Operations Analytics techniques that can provide real insights and improve the speed, reliability, and quality of decisions.
- Our goals in this course-

Help you think critically about data and the analyses based on those data

Enable you to identify opportunities for creating value using business analytics

Help you estimate the value created using business analytics to address an opportunity

Course Duration



Feb 12, '22 - Mar 13, '22
(Saturday & Sunday)



30 Hours
10 Lectures of 3 hours

Course Outcomes

Identify, evaluate, and capture business analytics opportunities that create value

Estimate the value created using business analytics to address an opportunity

Develop critical thinking about the data and the analyses

Learn basic **analytics methods** & analyze **case studies** on organizations that successfully deployed these techniques

Course Focus

Optimizing
Complex
Decisions

Machine
Learning
Techniques

Optimal
Model
Selection

Integration
of
Techniques

Course Instructors



Prof. David Simchi-Levi

**Business & Supply Chain Analytics
Director, Data Science Lab
Massachusetts Institute of Technology, USA**

- Most renowned Professor & Thought Leader in the field of Supply Chain and Operations Management
- Editor-in-Chief of the INFORMS journal, Management Science, the former Editor-in-Chief of Operations Research
- Recipient of the prestigious INFORMS Impact Prize 2020 for his work on Supply Chain Resilience



Prof. Manoj K. Tiwari

**Director,
NITIE Mumbai**

- Stalwart in the O&SCM and Industrial Engineering domain with over 300 publications in international journals
- Recipient of "Most Influential Researcher Award" in the domain of Operations & Supply Chain Management
- Rated 2nd among many researchers working in Logistics and Supply Chain Management in India

Outreach

Article by The Economic Times



THE ECONOMIC TIMES Industry

English Edition | 11 February 2022, 08:22 PM IST | e-Paper

NITIE launched the 2nd Edition of Global Online Certification Course on 'Business & Operations Analytics 2022'



In today's rapidly evolving digital era, where organizations across industries generate enormous amounts of data, there is a heightened need for professionals who are data literate and have the analytical know-how of interpreting valuable information from the data.

National Institute of Industrial Engineering (NITIE), Mumbai, one of the leading institutes in the domain of management studies, has launched the 2nd edition of the highly successful Global Online Certification Course on 'Business and Operations Analytics 2022' in collaboration with Prof. David Simchi-Levi from Massachusetts Institute of Technology (MIT), USA, under the leadership of Prof. Manoj Tiwari (Director, NITIE).

The 30-hour, weekend-only course, commences from 12th February to 13th March 2022 and is designed for industry professionals, academicians, and students. The course will help the participants learn basic analytical methods and develop critical thinking skills when it comes to data and its analysis. They will have exposure to the recent happenings across industries through exhaustive case studies. The course emphasizes optimizing complex decisions and selecting optimal models using machine learning techniques. With business analytics being an integral part of modern

Article by The Times of India



Printed from
THE TIMES OF INDIA

NITIE launched the 2nd Edition of Global Online Certification Course on 'Business & Operations Analytics 2022'

Mediwire | Jan 29, 2022, 10:40 AM IST



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Student Ambassador Program

 **115K+**
Views

 **207**
Applications


 **41**
Student
Ambassadors

IIMs, IITs, NITS, BITS,
XIMB, and many more

Course Statistics

1500+
Participants

14+
Countries

290+
Organizations

335+
Professionals



Australia | Bahrain | Canada | Dubai | Finland | India | Japan | Malaysia | France | Peru |
South Korea | Singapore | Taiwan | USA

Organizations which are a part of this course

Educational Institutes



Corporates



Course Feedback

10
LECTURES

30
HOURS

4
QUIZZES

VALUE FOR MONEY

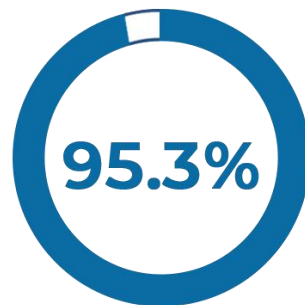


4.23/5

COURSE MANAGEMENT
BY NITIE



4.51/5



95.3%

PEOPLE WILLING
TO ATTEND FUTURE
COURSES BY NITIE

SUPPLEMENTARY MATERIAL



4.23/5

LIKELIHOOD OF CONCEPT
APPLICATION IN FIELD



4.40/5

Course Feedback



The use of simple examples to explain key concepts and algorithms/models used by Prof. David and Prof. Tiwari was excellent. A lot of learning for people who have not been close to academics but a good refresher for sure. This is an excellent course for individuals working to solve supply chain problems.



Mr. Debdatta Acharya

**Director - Partner & Customer Services,
Icertis**



Many thanks to NITIE for facilitating this course. The lecture notes, supplementary material, and links are really good. This course was great in terms of relevance to the real business world with interesting real-life examples from the industry. The course fees and duration are also beneficial for professionals, and I managed to attend the lectures while handling my regular job priorities.



Mr. Amit Kumar Paul

**Director- Application Management Services,
Capgemini**

Course Feedback



The course used various case studies and methods to analyze issues and challenges faced by the organizations across the globe and how they were able to solve those business-critical problems by successfully deploying various business analytics techniques and thereby helping them in optimum utilization of their resources.



Mr. Hiren .C. Shah

Senior Consultant,
Ernst and Young LLP



The course structure was aptly managed by a dedicated team of professionals. The course delivery by Prof. David and Prof. Tiwari was insightful and knowledgeable. The timings for the course were great. The quiz, notes, and supplementary material provided were of the highest order. In all, I highly recommend the course for someone who wants to gain substantial knowledge in data analytics in supply chain and logistics management



Mr. Sandeep S Amin

Lead DD R&M Technician,
Weatherford

Team

Faculty Coordinators



Prof. Sushmita Narayana



Prof. Priyanka Verma



Prof. Debabrata Das

Student Coordinators



Mr. Jyothikrishnan



Ms. Priti Bhole



Ms. Rosalin Sahoo

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Mr. Prashant M



Mr. Giriraj Jhawar



Mr. Nishant Kumar Singh



Mr. Rutvik Ghiya



Mr. Shibi Chakravarthy

THANK YOU!



NITIE

National Institute of
Industrial Engineering
Mumbai - India