



CHRIST
UNIVERSITY
BENGALURU, INDIA

Declared as Deemed to be University under Section 3 of UGC Act 1956

Management Development Program

Business Decision Making
using R
7 and 8 December 2017



Institute of Management

About Christ University

Christ University was born out of the educational vision of St Kuriakose Elias Chavara, an educationalist and social reformer of the nineteenth century in South India. He founded the first Catholic indigenous congregation, Carmelites of Mary Immaculate (CMI), in 1831 which administers Christ University.

Established in 1969 as Christ College, it undertook path breaking initiatives in Indian higher education with the introduction of innovative and modern curricula, insistence on academic discipline, imparting of Holistic Education and adoption of global higher education practices with the support of creative and dedicated staff. The University Grants Commission (UGC) of India conferred Autonomy to Christ College in 2004 and identified it as an Institution with Potential for Excellence in 2006. In 2008 under Section 3 of the UGC Act, 1956, the Ministry of Human Resource Development of the Government of India, declared the institution a Deemed to be University, in the name and style of Christ University. One of the first institutions in India to be accredited in 1998 by the NAAC, and subsequently in 2004 and 2016, Christ University has the top grade 'A' in the 4-point scale.

The multi-disciplinary University which focuses on teaching research and service, offers Bachelors to Doctoral programmes in humanities, social sciences, science, commerce, management, engineering, education and law to over 18000 students. The campus is a living example for the harmonious multiculturalism with students from all the states of India and from around 60 different countries. Christ University publishes six peer-reviewed research journals and has published more than 300 books in Kannada and English. A promoter of sports, music and literary activities, it is a nurturing ground for creative excellence.

About Institute of Management:

The Institute of Management, which started in the year 1994, constitutes a major center of learning at Christ University. The Institute of Management is rated among the top B-schools in India. It offers a two-year full-time MBA program with specialization choices in Marketing, Finance, Human Resources and Lean Operations & Systems. The Curriculum is designed based on the interface with the industry and is regularly updated to provide future managers, a launch pad for exciting careers. The Institute of Management also offers dual degree programmes with the University of Applied Science, Wurzburg-Schweinfurt, Germany, Virginia Commonwealth University, USA, and the Western Michigan University, USA. Over 1,500 students are enrolled in the Institute of Management. The Institute of Management is known for employing diverse and innovative pedagogic tools in the delivery of its MBA programmes. The Institute also offers an MPhil programme in Management.

Objective of the MDP

“R” is a free software programme useful for researchers and decision makers in analysing both qualitative and quantitative data. The management development programme focuses on using R to improve the analytical skills of the participants in their research work and to support decision making. The MDP surely will offer hands on experience on R programming for data visualization and analysis.

Who should attend?

The Management Development Programme on R is useful and has got significant relevance for individuals working in the following domains:

1. Managers
2. Business Analysts
3. Research Analysts
4. Financial Analysts
5. Statisticians
6. Research Scholars

Expected learning outcomes

The expected outcome of the Management Development Programme is to enhance the skills of the participants in using R for data analysis. With machines becoming more important as data generators, the popularity of the language can only be expected to grow. The programme is likely to make participants proficient in analyzing qualitative and quantitative data and help them understand:

- Data structures
- Data Import and Cleaning
- Data Exploration and Visualization
- Trading Simulations
- Trading Applications
- Graphics
- Treatment of Missing Values
- Predictive modeling

Participation fees

Rs. 5,000/- per participant, Fees include cost of training materials, stationary, using lab equipments and lunch/refreshments on both the days of MDP. The fee can be paid either by DD or through cash transfer using the following details:

Name: Christ University

Bank: The South Indian Bank Ltd

Branch: Christ University Branch

Address: Christ University Campus, Hosur Road, Bengaluru-560029.

Type of Account: Savings

Account No: A144A1120171126

MICR Code: 560059010

IFSC Code: SIBL0000396

SWIFT Code: SOININ55

The registration charges can be sent in the form of a DD, drawn in favour of “Christ University, Bengaluru” and sent to Institute of Management, MBA Office, C306, III Floor, Central Block, Christ University, Main Campus, Hosur Road, Bengaluru-560029.

Last Date for Registration:- **30th November 2017**

Organizing Chair

Dr Suniti Phadke, Dean IMCU

Prof Sudhindra S, Associate Dean, IMCU

Prof Shrikanth C R Rao, HOD, IMCU

Dr Jeevananda S, Administrator

MDP Advisory Committee

Dr Ganesh L, Professor

Prof Ramanatha HR, Associate Professor

Dr Kavita Mathad, Associate Professor

Dr Hemalgatha R, Associate Professor

Dr Sivakantha Setty, Associate Professor

Prof Reena raj, Assistant Professor

Dr Manohar Kapse, Assistant Professor

Dr Rajashree Kamath, Assistant Professor

Dr Malini Nair, Assistant Professor

Program Coordinator

Dr Joseph Durai Selvam J

Contact Number: 9894076291,

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Dr Sivakantha Setty

Contact Number: - 9972582518,

email : sivakantha.setty@christuniversity.in

About Resource Persons

Mr. Nagendra Belavadi holds Masters in Statistics, specialized in Operations Research (OR) and Statistical Quality Control (SQC) with over 20 years of overall experience. He has over 10 years of experience in the area of Analytics, Six Sigma and Quality Management.

Dr. Manohar Kapse holds an M.Sc., M.Phil. in Statistics and Ph.D. in Management with keen interest in applying statistics in Management. He is presently working as Assistant Professor in Institute of Management, Christ University, Bengaluru.

Dr. Rajashree Kamath holds a Ph.D. in Statistics and is experienced in the use of a variety of statistical software packages including R. She is presently working as Assistant Professor in the Institute of Management, Christ University, Bengaluru.

Accommodation on request:

Rs 2,000/- Single room; Rs 1,000/- for twin sharing basis

Accommodation is subject to availability

Applicable taxes extra