

## INSTITUTE OF MANAGEMENT, NIRMA UNIVERSITY, AHMEDABAD

The world-class campus of Nirma University is located on Sarkhej-Gandhinagar Highway, about fifteen kilometers from the walled city of Ahmedabad. It is the outcome of the visionary leadership of one of the most successful entrepreneurs of India, Padmashri Dr. Karsanbhai K. Patel, who has created a business conglomerate known as Nirma Group. Institute of Management is a constituent of Nirma University, which was set up in 1996 by Nirma Education and Research Foundation to promote excellence in management education. The Institute has been consistently growing under the guidance of Shri Ambubhai Patel (Vice-President) and Dr. N. V. Vasani (Director General –Nirma University). Dr. C. Gopalkrishnan is Director of the Institute of Management and Dean – Faculty of Management. The Institute has been undertaking a wide range of educational and training related activities and series of national and international conventions which have helped it emerge as one of the premier business schools in the country within a short span of twelve years. Presently, it is rated as one of the top twenty five B-Schools in the country. Its mainstream programmes include MBA (Full Time), MBA (Part Time), MBA (Family Business and Entrepreneurship) and Ph. D. in Management. The Institute also offers Executive Diploma Programmes in various functional areas of management. The Institute conducts need-based in-house training programmes to meet the training needs of industry. The Institute has academic alliance with international universities, such as New Mexico State University, USA; Hanyang University, South Korea; Florida Atlantic University, USA; and Minnesota State University, USA to name a few. The facilities on the campus include air- conditioned classrooms, a state-of-the art library, a 450-seater auditorium, well-equipped computer centre and hostels for the students.



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**Management Development Centre**

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## Management Development Programme

# 2010-11



## FINANCIAL MODELLING USING SPREADSHEETS

October 7-9, 2010

Programme Leaders

**Prof. Neeraj Amarnani**  
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**Nirma University**  
Ahmedabad: 382481 (Gujarat)

## BACKGROUND

Business situations are increasingly getting complex with time. There is a need to handle more variables while assessing the outcome of corporate decisions. Furthermore, there is a heightened degree of variability associated with most of the variables that go into projecting future corporate performance. A parallel development has been the increased availability of powerful computing devices and software in the form of spreadsheets. This combination puts together a range of possible analytics at the disposal of the financial analyst, or finance executive providing inputs to corporate decision makers.

However, experience suggests that most users of these softwares are unable to optimally utilise the range of features and functions available to build more robust, more flexible, yet easier to use and understand models. This programme intends to do just that – expose the users of these tools and the decision makers to a much larger set of possibilities that spreadsheets provide. The programme intends to equip the modeller with better working knowledge of Microsoft Excel, its applications in financial modelling as well as a systematic process to construct financial models.

## CONTENT

- Introduction to Modelling Tools – Spreadsheet features and functions
  - Using Excel functions such as Array functions, Reference functions, Financial functions, Data Validation, Analysis toolpak
- Business Forecasting – Time Series Analysis
  - Using Moving Averages, Regression, ANOVA
- Building a Valuation Model (includes constructing Financial Statements)
- Handling Business Uncertainty
  - Risk Analysis using Monte Carlo Simulation
  - Scenario Building
- Checking Models for Accuracy, and Assuring Data Protection
- Introduction to Visual Basic and Macros

## WHO SHOULD ATTEND

The programme is meant for practising and aspiring finance professionals as follows

- financial analysts
- executive-level managers who work with financial models, and need a refresher course on modelling methods
- experienced financial professionals who have not built models on a regular basis
- finance students desirous of building a career in financial analysis

Note: The programme participants must be familiar with the concepts of corporate finance and should have a working knowledge of Microsoft Excel.

## PROGRAMME OUTCOMES

The objective of the programme is to enable the participants to:

- Increase their ability to use the rich features and functions that spreadsheets offer
- Construct financial models which are more effective at implementing the business model
- Assess the risk in the business situation more scientifically
- Increase the robustness of the financial models prepared by them
- Appreciate the range of possibilities that can be incorporated with programming of Spreadsheets using programming languages such as Visual Basic.

## PROGRAMME REQUIREMENT

It is desirable that the participants should bring their own laptop computers for a more effective learning. However, this is not a compulsion.

## PROGRAMME LEADER

Mr. Neeraj Amarnani, an MBA in Finance, has over fourteen years of corporate and academic experience, three of which are in the financial services sector with Gujarat Gas Co. Ltd. In the academic stint, he has been with a PG centre of Gujarat University, in the Finance area, and then at Mudra Institute of Communications, Ahmedabad (MICA), as faculty and Chief Project Leader of the Entrepreneurship Development Centre, before joining Nirma in the finance area. Among his research efforts, a case study was awarded a 'Certificate of Excellence' at the Case Chase 2005 competition held by Society of Entrepreneurship Education at ISB, Hyderabad and his paper at the Nirma International Conference on Management 2007 was awarded the Best Paper in Finance. He was also a researcher for the prestigious European Union – India Cross Cultural Innovation Network Project (1999-2002). Currently, his teaching interests are largely in the areas of Corporate Finance, Investments and Entrepreneurial Finance. Apart from conducting this programme, he has participated in several training programmes in the area of finance, and also organised in-company training programmes. Mr. Amarnani is currently pursuing his PhD in the area of Behavioural Finance.

It was during his corporate stint, which involved significant usage of spreadsheets in modelling the business projections and evaluating scheme profitability, that he developed a keen interest in the same. Subsequently, in his academic career, while teaching in the area of finance, he has developed this interest further and now intends to share his learning with corporate practitioners.

## VENUE AND DURATION

The programme will be conducted at Institute of Management, Nirma University, Ahmedabad during October 7-9, 2010.

## PROGRAMME FEE

Non Residential : Rs. 10500/-

A company nominating three or more participants for the programme will be entitled to 10% discount.

The fee includes presentation material, refreshment and lunch on the programme days.

The fee to be paid in advance through a demand draft or a local cheque drawn in favour of ' Institute of Management, Nirma University' payable at Ahmedabad.

## ACCOMMODATION

University Guest House with basic facilities is available for Rs. 1000/- per day.

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**NOMINATION FORM**

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**Management Development Programme 2010-11**

**Financial Modelling Using Spreadsheets**

October 7-9, 2010

Name of the Participant \_\_\_\_\_

Designation \_\_\_\_\_ Date of Birth \_\_\_\_\_

Organization \_\_\_\_\_

Address for Communication \_\_\_\_\_

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\_\_\_\_\_

Phone \_\_\_\_\_ Mobile \_\_\_\_\_

E-mail \_\_\_\_\_ Fax \_\_\_\_\_

Current Job Responsibility

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Expectations from this programme

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Date \_\_\_\_\_

Signature \_\_\_\_\_

Participant can be sponsored by self or by his / her employer.  
If sponsored by the employer, please complete this section.

**TO BE FILLED BY THE SPONSOR**

Name and Designation of Sponsor \_\_\_\_\_

\_\_\_\_\_

Name and Address of Organization \_\_\_\_\_

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\_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_

**Payment Details:** Demand Draft / Cheque No. \_\_\_\_\_

Bank \_\_\_\_\_

(Drawn in favour of "Institute of Management, Nirma University" payable at Ahmedabad.)

Signature and Seal of sponsor \_\_\_\_\_

Please return filled up form to:

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Institute of Management, Nirma University  
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Email: eec@nim.ac.in

(Please feel free to make photocopies of this application form.)