



MSME TECHNOLOGY CENTRE BENGALURU

Plot No.6 Aerospace Park, KIADB Industrial Estate, Bengaluru Northa, Karnataka, India – 562129

Website: msmetcblr.org

A GOVT OF INDIA SOCIETY

Ministry of MICRO, SMALL AND MEDIUM ENTERPRISES

“FINANCIAL MODELLING AND DATA ANALYTICS”

Proposed Date	: 06-03-2024 and 10-03-2024
Time	: 6.00 PM to 9.00 PM
Fee	: Rs. 1,500 Per Participant
Expected Students	: Approximately 30 to 35

- Support from Organizer:**
1. Resource Person
 2. Training
 3. Softcopy of Materials
 4. Softcopy of Certificates (MSME, Bengaluru)
 - 5. Necessary Demo Software will be provided**

Introduction to Financial Modelling

Financial modelling is the core skills required for profiles like Investment Banking, Equity Research, Portfolio Management, Project Finance, Credit Research, Financial Planning & Analysis etc. You can acquire the skills to get into these profiles or be a successful investor or help your start-up raise funds. The course can be taken by fresh graduates or Post graduates, MBA aspirants, working professionals, investors and entrepreneurs.

Interested organizations/institutions/individuals are expected to have laptop(s) while attending the workshop, and individuals attending should be from any discipline. Please feel free to bring your own datasets for practice while performing the tasks demonstrated by the trainer. You will be provided with a temporary Demo version software for the training.

Contents:

TOPICS TO BE COVERED	Hours	Resource Person	Date
<p>Module 1: MS Excel Tips</p> <ul style="list-style-type: none"> • Understanding and creating a Financial Model template • Case: Formatting the data, summarizing, and creating a presentable format • Formatting the imported file with text to columns • Getting the relevant information from string of data using Left, Trim • Converting text to numerical using text to columns • Using referencing framework (usage of \$) to effectively use formulas • Summarize the sum of sales with Pivot Tables • Converting data into tabular format 	3 Hrs.	<p>Dr Pradeep N.E Bengaluru School of Commerce CHRIST (Deemed to be University) Bangalore</p>	06-03-2024
<p>Module 2: Financial Statement and Ratios Analysis</p> <ul style="list-style-type: none"> • Introduction to Financial Statement Analysis • Financial Reporting Mechanics • Understanding Income Statement, Balance Sheet, Cash Flow Statement • Financial Analysis Techniques • Inventories, Long-Lived Assets • Non-Current Liabilities • Financial Statement Application • Ratio analysis of Industries 	3 Hrs.	<p>Dr Pradeep N.E Bengaluru. School of Commerce CHRIST (Deemed to be University) Bangalore</p>	07-03-2024

<ul style="list-style-type: none"> • Du point Analysis • Peer to peer analysis • Preparation of Financial Analysis report on an industry 			
<p>Module 3: Equity Research Modelling</p> <ul style="list-style-type: none"> • Introduction to Equity • Analyze Revenue and Costs • Forecast Revenues, Costs, Debt etc. • Project Future Financial Statements • Performa Adjustments, Compute Margins/Ratios • Valuation- Discounted Cash Flow Method (DCF) • Prepare Presentation Sheet, Company Overview, Sector Overview 	<p>3 Hrs.</p>	<p>Dr Rajkumar Chavan Assistant Professor MLA Academy of Higher Learning</p>	<p>08-03-2024</p>
<p>Module 4: Advanced Data Analysis</p> <ul style="list-style-type: none"> • Pivot tables and Report • Pivot Chart • Goal Seak • Solver Functions • Scenario, Data Analysis • Data Validation Formatting and Conditional Formatting <p>Data Analysis</p> <ul style="list-style-type: none"> • Descriptive Statistics (Mode, Median, Variance, Percental, Quartile, rank, Standard Deviation, Box Plots, Pivot Table, Heat Map) • T-Test, Z-test • Correlation Statistics • ANOVA <p>Financial Function</p> <ul style="list-style-type: none"> • PV, NPV, NPER, PMT, RATE, IRR, SLN, SYD, IPMT, DB • Sensitive Analysis • Simulation Analysis 	<p>6 Hrs.</p>	<p>Dr. Dharmendra H. School of Commerce CHRIST (Deemed to be University) Bangalore</p>	<p>09-03-2024 & 10-03-2024</p>