



# MANGALMAY INSTITUTE OF MANAGEMENT & TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to AKTU, Lucknow)

Knowledge Park-II, Greater Noida (U.P.)



**MANGALMAY**  
INSTITUTE OF MANAGEMENT AND TECHNOLOGY



## Certification Programme on

# SPREADSHEET MODELLING: EXCEL 2013

For  
MBA 1st Semester  
**(Bridge Course)**

For  
MBA 2nd Semester  
**(Advance Course)**

*Resource Person*

**Ms. Neha Dhingra**  
*Assistant Professor - MIMT*

*Resource Person*

**Mr. Vishal ~ Dr. Diwakar Chaudhary**  
*Assistant Professor - MIMT*

~Date~

08 to 18 August 2023

~Venue~

MBA-Class Room, Block B, MIMT

~Date~

20 April to 23 June 2024

Toll Free : 1800 103 3797 | [www.mimt.org](http://www.mimt.org)  
Plot No. 8 & 9, Knowledge Park-II, Greater Noida, Delhi-NCR, India

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Date: 01<sup>st</sup> August, 2023

### NOTICE

Mangalmay Institute of Management & Technology is going to organise an Add-on Certification Program in collaboration with Harvard Business Publishing. This program is designed specifically for MBA 1st Year students and aims to provide a comprehensive introduction to use of spreadsheet modelling and practices

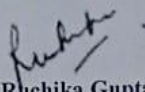
The details of the program are as follows:

#### Foundation Module:

- Dates: 8<sup>th</sup> August to 18<sup>th</sup> August, 2023
- Total Duration: 10 Hours
- Number of Classes: 05
- Venue: MBA Classroom
- Beneficiaries: MBA 1st Year Students (1st Sem)
- Teaching Assistants: Ms. Neha Dhingra

#### Advance Module:

- Dates: 20<sup>th</sup> April to 23<sup>rd</sup> June, 2024
- Total Duration: 20 Hours
- Number of Classes: 13
- Venue: MBA Classroom
- Beneficiaries: MBA 1st Year Students (IInd Sem)
- Teaching Assistants: Dr. Diwakar Chaudhary, Mr. Vishal

  
Dr. Ruchika Gupta

Director, MIMT

CC to:

IQAC Director  
HOD, MIMT  
All Faculty members  
All Students  
Notice Board  
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## SYLLABUS

### Certification Program “Spreadsheet Modeling Online Course: Excel 2013”

**Duration: 20 Hours**

S. No.	Content
1.	<b>Day 1: Introduction to Spreadsheets:</b> We'll begin with a comprehensive overview of spreadsheet software, primarily focusing on Excel and Google Sheets. You'll learn about the basic interface, navigation techniques, and essential file management operations. We'll delve into cell formatting, customization options, and fundamental data entry and manipulation techniques.
2.	<b>Day 2: Basic Functions and Formulas:</b> Today, we'll introduce you to the world of formulas and functions. You'll learn how to use common mathematical functions like SUM, AVERAGE, MAX, and MIN to perform calculations. We'll explore cell references, both relative and absolute, and how to effectively copy formulas to save time and effort. Additionally, we'll cover the summation icon and techniques for editing or correcting formulas. To reinforce learning, we'll conduct hands-on exercises.
3.	<b>Day 3: Formulas and Data Management:</b> Building upon the previous day's knowledge, we'll delve deeper into data management techniques. You'll learn how to sort and filter data to extract specific information, validate data to ensure accuracy, and import and export data between different formats. We'll also explore lookup functions to retrieve specific values from a dataset.
4.	<b>Day 4: Excel Solver:</b> Today, we'll introduce you to a powerful tool in Excel: Solver. You'll learn how to use Solver to solve optimization problems, develop solver models, and configure Solver to find optimal solutions. This will enable you to make data-driven decisions and optimize various processes.
5.	<b>Day 5: The Art of Spreadsheet Modeling:</b> In this final session, we'll delve into the art of spreadsheet modeling. You'll learn about the model-building process, best practices for intelligent modeling, and the steps involved in building a robust spreadsheet model. We'll cover data tables, two-way data tables, and goal seek, which are advanced techniques for analyzing data and making informed decisions. <b>Auditing:</b> Throughout the course, we'll emphasize the importance of auditing spreadsheets to ensure accuracy and reliability. We'll discuss techniques for checking formulas, validating data, and identifying potential errors. Proper auditing practices are essential for maintaining the integrity of your spreadsheet models and the decisions based on them.
6.	<b>Introduction</b> The Company



	Spreadsheet Modeling Overview
7.	<b>The Excel Environment</b> Opening a Workbook The Excel Ribbon The Quick Access Toolbar Worksheets Moving Around a Worksheet and Workbook Printing a Worksheet Saving a Workbook File
8.	<b>Working with Data: Basic Techniques</b> Cells and Ranges Selecting Ranges Selecting All Cells in a Dataset Using Shortcut Keys Selecting All Cells in a Worksheet Selecting Noncontiguous Ranges Selecting Cells and Named Ranges Selecting Otherwise Difficult to Select Cells with Go To Special Filling Series Copying and Moving Entries The Undo Command
9.	<b>Increasing Spreadsheet Readability</b> Working with Rows and Columns Making Better Use of Screen Space Basic Cell Formatting Basic Number Formatting Conditional Formatting Formatting and Other Options with Paste Special Setting Up a Worksheet for Printing
10.	<b>Excel Formulas</b> Copying Formulas The Autocomplete Formula Option Entering Formulas by Pointing Other Ways to Copy Formulas “Absolute” Addressing Using the “F4” Key Hierarchy of Mathematical Operations Summation Icon Editing or Correcting Formulas Showing Actual Formulas in Cells



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11.	<b>Useful Excel Functions</b> IF Statements Text Functions Flash Fill Basic Date and Time Functions Range Names Lookup Functions Other Lookup and Reference Functions Error Trapping Rounding Functions The SUMPRODUCT Function Modeling Uncertainty in Excel Excel Financial Functions COUNT, COUNTA, and COUNTBLANK Functions Excel Statistical Functions Conditional Counts Conditional Sums Removing Duplicates Sorting in Excel Filtering Data Subtotals Pivot Tables Pivot Charts Conditional Formatting: The Formula Option
12.	<b>Charts</b> Creating Charts Moving and Resizing Charts Basic Formatting of Charts Formatting Axes and Data Series Customizing Charts
13.	<b>Importing Data into Excel</b> Importing from a Text or Word file Using Web Queries to Import Data from the Web
14.	<b>The Art of Spreadsheet Modeling</b> Model Building Blocks Model Terminology The Spreadsheet Model Building Process Rules to Guide Intelligent Modeling Building a Model Set up the Spreadsheet Model One-Way Data Tables Two-Way Data Tables



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	Goal Seek Auditing Flexibility Using Comments and Text Boxes Error Trapping Using F9 and Evaluate-Formula Feature Scenarios Spinners Model Limitations
15.	<b>Using Excel Solver</b> Solving Optimization Problems Developing a Solver Model Configuring Solver to Find Solutions
16.	<b>Three-Dimensional Formulas and the Table Feature</b> Three-Dimensional Formulas Using the Excel Table Feature Circular References
17.	<b>Monte Carlo Simulation</b> Uncertainty and Monte Carlo Simulation Random Variables Using @RISK1 to simulate a New Product Introduction



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### SCHEDULE

#### Spreadsheet Modeling Online Course: Excel 2013

S.No.	Date	Day	Time	Hours
1.	08-08-2023	Tuesday	12:00-01:00 02:00-03:00	2
2.	10-08-2023	Thursday	12:00-01:00 02:00-03:00	2
3.	12-08-2023	Saturday	12:00-01:00 02:00-03:00	2
4.	16-08-2023	Wednesday	12:00-01:00 02:00-03:00	2
5.	18-08-2023	Friday	12:00-01:00 02:00-03:00	2
				<b>10 Hrs</b>
6.	20-04-2024	Saturday	10:00-11:00	1
7.	21-04-2024	Sunday	10:00-01:00	3
8.	28-04-2024	Sunday	12:00-01:00	1
9.	04-05-2024	Saturday	10:00-01:00	2
10.	05-05-2024	Sunday	12:00-01:00	1
11.	12-05-2024	Sunday	12:00-01:00	1
12.	18-05-2024	Saturday	12:00-01:00	1
13.	19-05-2024	Sunday	10:00-01:00	3
14.	01-06-2024	Saturday	11:00-01:00	1
15.	02-06-2024	Sunday	12:00-01:00	1
16.	16-06-2024	Sunday	10:00-12:00	2
17.	22-06-2024	Saturday	12:00-01:00	1
18.	23-06-2024	Saturday	11:00-01:00	2
19.			<b>Total</b>	<b>20 Hrs</b>



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20.	02-07-2024	Tuesday	<b>10:00-12:00</b>	<b>2</b>
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	<b>REPORT</b>
Name of Activity	<b>Certification Program “Spreadsheet Modeling: Excel 2013”</b>
Date	08-08-2023-18-08-2023 20-04-2024-23-06-2024
Venue	Classroom, Block B, MIMT.
Organised by	MIMT
Participated by	MBA II Sem students (118 students)
Resource Person	Ms. Neha Dhingra, Dr. Diwakar Chaudhary & Mr. Vishal
Objective	The Spreadsheet Modeling course will provide appropriate training that equips participants with comprehensive skills in the use of Microsoft Excel for spreadsheet modeling. Each student will be able to carry out simple Excel operations like navigation and formatting, and basic data manipulation during the course of training. They will learn how to construct and manage formulas, functions for data analysis, and conditional logic. Advanced topics to be covered will include data visualization through charting, importing external data sources, and how to use advanced modeling techniques—goal seek, scenarios, and simulation—for decision-making. Upon course completion, participants will be empowered to build robust spreadsheet models able to handle large data sets, analyze uncertainties, and yield valuable insights for making informed business decisions in a multidimensional professional context.
Content	<p>Mangalmay Institute of Management and Technology organized a certification course of Harvard Certification Program “Spreadsheet Modeling Online Course: Excel 2013”. Session details of this certification program is as follows:</p> <p><b>For First Session (Bridge Course):</b></p> <p><b>Day 1: Introduction to Spreadsheets:</b> We'll begin with a comprehensive overview of spreadsheet software, primarily focusing on Excel and Google Sheets. You'll learn about the basic interface, navigation techniques, and essential file management operations. We'll delve into cell formatting, customization options, and fundamental data entry and manipulation techniques.</p> <p><b>Day 2: Basic Functions and Formulas:</b> Today, we'll introduce you to the world of formulas and functions. You'll learn how to use common mathematical functions like SUM, AVERAGE, MAX, and MIN to perform calculations. We'll explore cell references, both</p>



relative and absolute, and how to effectively copy formulas to save time and effort. Additionally, we'll cover the summation icon and techniques for editing or correcting formulas. To reinforce learning, we'll conduct hands-on exercises.

**Day 3: Formulas and Data Management:** Building upon the previous day's knowledge, we'll delve deeper into data management techniques. You'll learn how to sort and filter data to extract specific information, validate data to ensure accuracy, and import and export data between different formats. We'll also explore lookup functions to retrieve specific values from a dataset.

**Day 4: Excel Solver:** Today, we'll introduce you to a powerful tool in Excel: Solver. You'll learn how to use Solver to solve optimization problems, develop solver models, and configure Solver to find optimal solutions. This will enable you to make data-driven decisions and optimize various processes.

**Day 5: The Art of Spreadsheet Modeling:** In this final session, we'll delve into the art of spreadsheet modeling. You'll learn about the model-building process, best practices for intelligent modeling, and the steps involved in building a robust spreadsheet model. We'll cover data tables, two-way data tables, and goal seek, which are advanced techniques for analyzing data and making informed decisions.

**Auditing:** Throughout the course, we'll emphasize the importance of auditing spreadsheets to ensure accuracy and reliability. We'll discuss techniques for checking formulas, validating data, and identifying potential errors. Proper auditing practices are essential for maintaining the integrity of your spreadsheet models and the decisions based on them.

### **For Second Session (Advance Course):**

**Session 1 (20-04-2024):** Introduced Excel interface, workbook navigation, and basic modeling concepts to build foundational understanding.

**Session 2 (21-04-2024):** Explored cell management, data selection techniques, and basic formatting to enhance data handling skills.

**Session 3 (28-04-2024):** Covered conditional formatting, advanced paste special options, and preparation of worksheets for efficient printing.

**Session 4 (04-05-2024):** Learned formula basics, copying techniques, absolute addressing, and introduction to essential Excel functions for data manipulation.

**Session 5 (05-05-2024):** Delved into lookup functions, statistical analysis tools, error trapping methods, and basic financial functions application.



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	<p><b>Session 6 (12-05-2024):</b> Practiced data cleansing with techniques like removing duplicates, sorting, filtering, and using conditional sums.</p> <p><b>Session 7 (18-05-2024):</b> Introduced PivotTables for data summarization and PivotCharts for visual representation, emphasizing creation and customization.</p> <p><b>Session 8 (19-05-2024):</b> Explored advanced charting features, including formatting axes, data series, and customization options for effective data visualization.</p> <p><b>Session 9 (01-06-2024):</b> Discussed importing data from text files and web queries, and managing external data connections in Excel.</p> <p><b>Session 10 (02-06-2024):</b> Studied essential modeling blocks, terminology, and principles to guide intelligent spreadsheet model development.</p> <p><b>Session 11 (16-06-2024):</b> Practiced what-if analysis using one-way and two-way data tables, goal seek, and scenario analysis for decision-making.</p> <p><b>Session 12 (22-06-2024):</b> Introduced Solver tool for solving optimization problems in Excel, configuring parameters for achieving desired outcomes.</p> <p><b>Session 13 (23-06-2024):</b> Explored advanced techniques like three-dimensional formulas, Excel tables, handling circular references, and effective error handling.</p> <p><b>Session 14 (02-07-2024):</b> Conducted comprehensive exam covering all topics studied, assessing practical application of Excel skills and spreadsheet modeling proficiency.</p>
<p>Outcome of Activity</p>	<ul style="list-style-type: none"> <li>• This includes proficient navigation and how to use Microsoft Excel for the management and analysis of data.</li> <li>• Advanced level in building, formatting, and improving spreadsheet readability.</li> <li>• Proficiency with Excel formulas and functions for data processing and analysis.</li> <li>• This involves having the capability to import data from any possible source and properly include it in Excel.</li> <li>• Competence in building dynamic models and performing complex analyses using Solver and Monte Carlo simulation.</li> <li>• Preparedness to apply spreadsheet modeling techniques to real-life situations across a wide range of professional domains for data-driven decision-making and process optimization.</li> </ul>







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S.No.	Student's Name													
66	Nandini Saluja													
67	Nandre Sujit Ujwal	Nandre	Nandre	Nandre	Nandre	Nandre	Nandre	Nandre	Nandre	Nandre	Nandre	Nandre	Nandre	Nandre
68	Nidhi Kumari	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi	Nidhi
69	Nikhil Nagar	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
70	Nirupam Pandey	Nirupam	Nirupam	Nirupam	Nirupam	Nirupam	Nirupam	Nirupam	Nirupam	Nirupam	Nirupam	Nirupam	Nirupam	Nirupam
71	Nitish Kumar Chaubey	Nitish	Nitish	Nitish	Nitish	Nitish	Nitish	Nitish	Nitish	Nitish	Nitish	Nitish	Nitish	Nitish
72	Pankaj Sharma	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj
73	Pawan Kumar	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan
74	Pawan Kumar	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan	Pawan
75	Payal Verma	Payal	Payal	Payal	Payal	Payal	Payal	Payal	Payal	Payal	Payal	Payal	Payal	Payal
76	Piyush Ranjan	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush
77	Pranjal Singh	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal	Pranjal
78	Prashant Kumar	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant	Prashant
79	Prince Tomar	Prince	Prince	Prince	Prince	Prince	Prince	Prince	Prince	Prince	Prince	Prince	Prince	Prince
80	Pritika Kumari	Pritika	Pritika	Pritika	Pritika	Pritika	Pritika	Pritika	Pritika	Pritika	Pritika	Pritika	Pritika	Pritika
81	Priya Shishodia	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya	Priya
82	Priyanka P	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
83	Radhika R	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika	Radhika
84	Ranjana Kumari	Ranjana	Ranjana	Ranjana	Ranjana	Ranjana	Ranjana	Ranjana	Ranjana	Ranjana	Ranjana	Ranjana	Ranjana	Ranjana
85	Ravinder Solanki	Ravinder	Ravinder	Ravinder	Ravinder	Ravinder	Ravinder	Ravinder	Ravinder	Ravinder	Ravinder	Ravinder	Ravinder	Ravinder
86	Rishabh Nagar	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh	Rishabh
87	Riya Dhama	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya	Riya
88	Robin Kumar	Robin	Robin	Robin	Robin	Robin	Robin	Robin	Robin	Robin	Robin	Robin	Robin	Robin
89	Sagar S	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar	Sagar
90	Sajjan chaupal	Sajjan	Sajjan	Sajjan	Sajjan	Sajjan	Sajjan	Sajjan	Sajjan	Sajjan	Sajjan	Sajjan	Sajjan	Sajjan
91	Sandeep Sharma	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep	Sandeep
92	Sandip Kumar Shan	Sandip	Sandip	Sandip	Sandip	Sandip	Sandip	Sandip	Sandip	Sandip	Sandip	Sandip	Sandip	Sandip
93	Santoshi Mandal	Santoshi	Santoshi	Santoshi	Santoshi	Santoshi	Santoshi	Santoshi	Santoshi	Santoshi	Santoshi	Santoshi	Santoshi	Santoshi
94	Satyam giriraj	Satyam	Satyam	Satyam	Satyam	Satyam	Satyam	Satyam	Satyam	Satyam	Satyam	Satyam	Satyam	Satyam
95	Shanu kumar	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu	Shanu
96	Shekhar Kumar	Shekhar	Shekhar	Shekhar	Shekhar	Shekhar	Shekhar	Shekhar	Shekhar	Shekhar	Shekhar	Shekhar	Shekhar	Shekhar
97	Shikha Kumari	Shikha	Shikha	Shikha	Shikha	Shikha	Shikha	Shikha	Shikha	Shikha	Shikha	Shikha	Shikha	Shikha
98	Shivangi Sinha	Shivangi	Shivangi	Shivangi	Shivangi	Shivangi	Shivangi	Shivangi	Shivangi	Shivangi	Shivangi	Shivangi	Shivangi	Shivangi
99	Shivani Jha	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani
100	Shreyansh jaiswal	Shreyansh	Shreyansh	Shreyansh	Shreyansh	Shreyansh	Shreyansh	Shreyansh	Shreyansh	Shreyansh	Shreyansh	Shreyansh	Shreyansh	Shreyansh
101	Simran Bhardwaj	Simran	Simran	Simran	Simran	Simran	Simran	Simran	Simran	Simran	Simran	Simran	Simran	Simran
102	Sneha Kashyap	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha





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## Pictures of Classes



Picture – 1: Engaging and Interactive Session



Picture – 2: The Instructor Handling The Session On Introduced Excel interface, workbook Navigation.





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**Picture – 3: The Instructor Discussed importing data from text files and web queries.**



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### LIST OF REGISTERED & COMPLETED STATUS

S.No.	Student's Name	Registered	Completed
1.	Abhijeet Jaiswal	Registered	Completed
2.	Abhishek tripathi	Registered	Completed
3.	Abinashkumar	Registered	Completed
4.	Ajay Kumar Pandey	Registered	Completed
5.	Akash Saxena	Registered	Completed
6.	Aman Panchal	Registered	Completed
7.	Aman Kumar Dhoni	Registered	Completed
8.	Amit Raj	Registered	Completed
9.	Amit Kumar Jha	Registered	Completed
10.	Amritha K Nair	Registered	Completed
11.	Anila Kumari	Registered	Completed
12.	Anisha Raj	Registered	Completed
13.	Anjali Gupta	Registered	Completed
14.	Anjali sharma	Registered	Completed
15.	Anjali Tyagi	Registered	Completed
16.	Ankit Kumar	Registered	Completed
17.	Anmol Tyagi	Registered	Completed
18.	Ansh Panwar	Registered	Completed
19.	Anshika Singh	Registered	Completed
20.	Archana Rajput	Registered	Completed
21.	Arihant Virendra Jain	Registered	Completed
22.	Ashish Kumar Mishra	Registered	Completed
23.	Avakash Kumar	Registered	Completed
24.	Avantika Srivastava	Registered	Completed
25.	Awnish Kumar	Registered	Completed
26.	Ayush Dubey	Registered	Completed
27.	Ayushi A	Registered	Completed
28.	Bhaskar Shukla	Registered	Completed
29.	Chahat Ansari	Registered	Completed
30.	Chandan Kumar	Registered	Completed
31.	Chandani Singh	Registered	Completed
32.	Deepak Kumar	Registered	Completed
33.	Divyansh Agrawal	Registered	Completed
34.	Divyanshi Dubey	Registered	Completed



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35.	Garima Rathore	Registered	Completed
36.	Gautam Kumar	Registered	Completed
37.	Gayatri G	Registered	Completed
38.	Harsh Rai	Registered	Completed
39.	Harsh Bhatt	Registered	Completed
40.	Harsh Tripathi	Registered	Completed
41.	Harsh Bhargava	Registered	Completed
42.	Harsha Bharti	Registered	Completed
43.	Himanshu khanmapuri	Registered	Completed
44.	Himanshu Yadav	Registered	Completed
45.	Hrishav Anand	Registered	Completed
46.	Injmamul Ansari	Registered	Completed
47.	Ishita Kumari	Registered	Completed
48.	Jayesh Joshi	Registered	Completed
49.	Joyshi Dwivedi	Registered	Completed
50.	Kajal K	Registered	Completed
51.	Kamini Singh	Registered	Completed
52.	kashish K	Registered	Completed
53.	Kirti Tyagi	Registered	Completed
54.	Lavanshi Bhardwaj	Registered	Completed
55.	Mahima Sharma	Registered	Completed
56.	Manish Pal	Registered	Completed
57.	Mayur Mohan	Registered	Completed
58.	Meghna Sharma	Registered	Completed
59.	MohdMehtab	Registered	Completed
60.	Mustafa ahamad	Registered	Completed
61.	Nandanikumari	Registered	Completed
62.	Nandini Saluja	Registered	Completed
63.	Nandre Sujit Ujwal	Registered	Completed
64.	Nidhi Kumari	Registered	Completed
65.	Nikhil Nagar	Registered	Completed
66.	Nirupam Pandey	Registered	Completed
67.	Nitish Kumar Chaubey	Registered	Completed
68.	Pankaj Sharma	Registered	Completed
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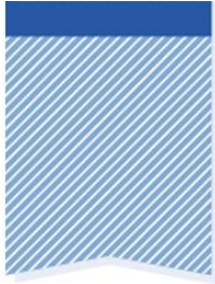


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### **Resource Person Profile**



**Dr. Diwakar Chaudhary**

Ph.D, MBA (Marketing & Operations), DBM (IBMI, Berlin, Germany)

Dr. Diwakar Chaudhary is working as an Assistant Professor in Mangalmay Institute of Management and Technology, Greater Noida. In just 8 years of combined experience of academic as well as industry, he is able to impart knowledge using a practical aspect. His knowledge expands to the fields of management such as Marketing & Sales, Operations, HR, International Business amalgamating with modern advancements like Artificial Intelligence, Machine Learning and Neural Networks. He is been associated as the Member and Editor in High Impact Factor Peer Reviewed Journals. To explore his research viewpoint, he has gone on to publishing and granted multiple Patents, Books, Book Chapters and Research Papers till date in reputed Scopus and ABDC Journals. Through this book, he attempts to expand the horizons of Management to all new avenues.



**Mr. Vishal**

MBA

Mr. Vishal, an Assistant Professor at Mangalmay Institute of Management and Technology, holds a B.Tech in Mechanical Engineering and an MBA in Marketing. With over three and a half years of corporate experience at IndiaMART Intermesh Pvt Ltd and InfoEdge India Pvt Ltd, he integrates his expertise in sales, client retention, and business development into his teaching. Mr. Vishal has twice qualified for the UGC NET exam and actively participates in societal initiatives like Unnat Bharat Abhiyan and the National Service Scheme.