

IPS Academy, IBMR Indore
AICTE Sponsored online Short-Term Training Program (STTP)
on "Financial Analytics"
Phase III
(Date 05th April'21 to 10th April'21)
Session wise Report

Date: 05th April, 2021 (Day 1)

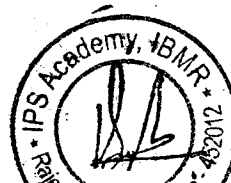
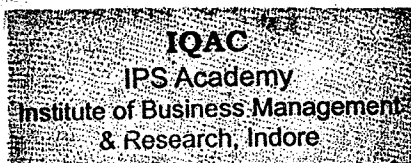
1st session was conducted on day 1 from 10:30 AM to 11:30 AM. Resource person was Dr. Saurabh Agrawal; title of the session was "Introduction to R". He discussed about R that it is a language for statistical computing and graphics. R provides a wide variety of statistical (linear and nonlinear modelling, classical statistical tests, time-series analysis, classification, clustering and graphical techniques and is highly extensible. One of R's strengths is the ease with which well-designed publication-quality plots can be produced, including mathematical symbols and formulae where needed. Great care has been taken over the defaults for the minor design choices in graphics, but the user retains full control. R is available as Free Software under the terms of the Free Software as a Foundation's GNU General Public License in source code form. It compiles and runs on a wide variety of UNIX platforms and similar systems (including FreeBSD and Linux), Windows and MacOS. Average feedback of the session was 4.51.

2nd Session was conducted from 12 noon to 2 PM. Resource person was Dr. Saurabh Agrawal; title of the session was "Introduction to R". He discussed about practical approach and how to use of R with the help of data set. Various Statistical analysis are covered such chi-square, T test, Z test, Shapiro, Wilcoxon and Kruskal etc. Average feedback of the session was 4.38.

3rd Session was conducted from 2.30 PM to 4.30 PM. Resource person was Dr. Sachin Mittal, title of the session was "Financial Modelling using advance excel". He started with discussing how to explore financial modelling with the help of Excel and through practices. To create dynamic model by using formulae in excel, how the change in one variable will impact the another, PMT function to calculate instalment amount, mortgage loan with the help of Data table, what if Analysis and end with the trend Analysis. Average feedback of the session was 4.29.

Date: 06th April, 2021 (Day 2)

4th Session was conducted on day 2 from 10.00 AM to 11.30 AM. Resource person was Dr. Prabhat Pankaj, title of the session was "Regression Analysis in Finance". He started with brief introduction of SPSS software which is used by various kinds of researchers for complex statistical data analysis. The SPSS software package was created for the management and statistical analysis of social science data. After discussing basics of SPSS, he further



continued with the practical example for Regression Analysis. Average feedback of the session was 4.37

5th Session was conducted on day 2 from 12.00 Noon to 1.30 PM. Resource person was Dr. Prabhat Pankaj, title of the session was "Multiple Regression in Finance" He continued explaining of several variations, such as linear, multiple linear, and nonlinear. The most common models of simple linear and multiple linear. Nonlinear regression analysis which is commonly used for more complicated data sets in which the dependent and independent variables show a nonlinear relationship. He also explained how data needs to show homoscedasticity, which is where the variances along the line of best fit remain similar as you move along the line continued with the quadratic regression, he explains that it is the process of finding the equation of the parabola that best fits a set of data The best way to find this equation manually is by using the least squares method. Average feedback of the session was 4.33.

6th Session was conducted on day 2 from 2.30 PM to 4.30 PM. Resource person was Dr. Prabhat Pankaj, title of the session was "Regression Analysis using Dummy Variables". He explained creation of dummy variable with the help of segments, differential Beta, Hypothesis testing, co-variate in the model and data handling. Average feedback of the session was 4.22.

Date: 07th April, 2021 (Day 3)

7th Session was conducted on day 3 from 10.00 AM to 11.30 AM. Resource person was Dr. Shripad Kulkarni, title of the session was "Quantitative Finance" He discussed the session about the concepts of compounding interest in fraction of time, discrete accumulation of return, continuous accumulation of return, concept of exponential growth relating to Risk and Return, time value of money, volatility in market, non-linear relationship between input and output variable, how stock behave with respect to the market and how financial time series analysis is used as an extension of regression modelling for future estimation of stock prices. Average feedback of the session was 4.44.

8th Session was continuing on day 3 from 12.00 Noon to 1.30 PM. Resource person was Dr. Shripad Kulkarni, title of the session was "Quantitative Finance" discussed about the Central limit theorem in statistics and how it is applied to parametric data for four statistical moments Mean, Variance, Skewness and Kurtosis. He also explained practical meaning of Exponential Distribution and returns equation for Asset pricing model. Average feedback of the session was 4.19.

9th Session was conducted on day 3 from 2.30 PM to 4.30 PM. Resource person was Mr. Pranabesh Chatterjee, title of the session was "Portfolio Management using R". He discussed Analytical Technique using Modern theory of Portfolio on Excel sheet first, then how to download R studio, Creation of one chart series with single stock and combination of multiple stock, CAPM, Risk return Trade off, optimum Portfolio scenario, creation of multi stock Portfolio, Portfolio specification. Average feedback of the session was 4.23.

Date: 08th April, 2021 (Day 4)

10th Session was conducted on day 4 from 10.00 AM to 11.30 AM. Resource person was Dr. Dr. V.S Kushwaha, title of the session was "Forensic Finance Using Case Study" in which he discussed a Historical financial case study relating to three scam the biggest financial fraud (Satyam, World com and Indian Enron) all this fraud cases were discussed by using facts, figures, videos and News. Average feedback of the session was 4.5.

11th Session was continuing on day 4 from 12.00 Noon to 1.30 PM. Resource person was Dr. Dr. V.S Kushwaha, title of the session was "Forensic Finance Using Case Study" continue session discussed about improved financial performance, organizations are utilizing financial analytics solutions for improved visibility into revenue, expenses and resource utilization. Adoption of financial analytics solutions provides insights around financial efficiency These improved insights enable organizations to channelize their investments for stronger profits and business performance. The demand for cloud-based financial analytics solutions is expected to witness strong growth over next 5 years. Speed of deployment, ease of scalability, and 24x7 availability are some of the key drivers for adoption of cloud-based financial analytics solutions. Average feedback of the session was 4.47.

12th Session was conducted on day 4 from 2.30 PM to 4.30 PM. Resource person was Mr. Pranabesh Chatterjee, title of the session was "Portfolio Management using R". He discussed about the portfolio theory relating to Risk and Return, volatility in market, variance, co variance between the securities, how stock behave with respect to the market, creation of efficient market frontier, creation of optimize portfolio, Sharpe ratio analysis and CAPM at last. Average feedback of the session was 4.28.

Date: 09th April, 2021 (Day 5)

13th Session was conducted on day 5 from 10.00 AM to 11.30 AM. Resource person was Dr. C.P. Gupta, title of the session was "Data Visualization and Presentation", he started the session by the discussion relating to challenges faced relating to data visualization and presentation, understanding of Dynamic visualization, use of offset (array function), VLOOKUP function, how to create multiple slicers with the help of pivot table for portfolio analysis using excel data sheet. Average feedback of the session was 4.56.

14th Session was continuing on day 5 from 12.00 Noon to 1.30 PM Resource person was Dr. C.P. Gupta, title of the session was "Data Visualization and Presentation", he tries to make participants understand about creation of optimum portfolio matrix with the help of advance excel and analyze the data sheet by taking examples and discussing about log returns and ends with the variance, co-variance Matrix and end with creating multiple portfolios. Average feedback of the session was 4.39.

15th Session was conducted on day 5 from 2.30 PM to 4.30 PM. Resource person was Mr. Pranabesh Chatterjee, title of the session was "Portfolio Management using R". He continued with efficient frontier, trade strategies, Algorithmic trading and using time series data of

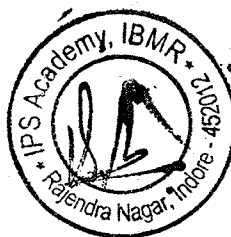
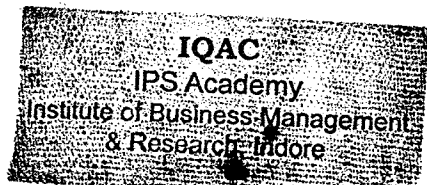
hard facts and its implementation in strategies as reaction towards market. The decision to buy and sell, maximize profit, optimize execution cost and minimize risk. He also explained about mean reversion, momentum strategies, strategical Arbitrage and Trend following Strategies. Calculation of Sharpe ratio, simple moving average for generating idea when to create strategies for sell and buy position. Average feedback of the session was 4.54.

Date: 10th April, 2021 (Day 6)

16th Session was conducted on day 6 from 10.00 AM to 11.30 AM. Resource person was Dr. Vinay Goyal, title of the session was "Publication in High Quality Impact Journal and Accounting in Finance", he started discussion with where to publish a good research paper, important element and factors to be considered, well known publisher across the world, citation Index, classification based on the basis of Journal, High Quality Journal Publication, classification based on Publisher point of, Code of conduct for Review of literature, Plagiarism tool checker. Average feedback of the session was 4.45.

17th Session was continuing on day 6 from 12.00 Noon to 1.30 PM. Resource person was Dr. Vinay Goyal, title of the session was "Publication in High Quality Impact Journal and Accounting in Finance", he continued by discussing how to create unique model by validating the data used, emerging market case study, avenues where contemporary research paper can be published, research paper requirement as per API, how to select the topic for research work and ethics to be followed for writing research paper, what beginners in research paper should consider and decide the target journal for publication at end he discussed about the abstract of Research paper should be concise, accurate and provide brief conclusion in a summarize way in the research paper. Average feedback of the session was 4.55.

18th Session on day 6 from 2.30 PM to 3.30 PM. Resource person was Dr. Neha Sahu, title of the session was "Financial Analytics and security analysis" She discussed about how Fundamental analysis relies on the fundamental business factors such as financial statements, and technical analysis focuses on price trends and momentum. How one can build financial models on the data, to understand the financial health and profitability prospects of a company or sector. Average feedback of the session was 4.69. This Session was followed by valedictory of the short-term training program-phase II, along with the exam for certification.



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SCREENSHOTS

The screenshot shows a Zoom meeting window. The main area displays a presentation slide titled "what is a quality or category publication" with a bullet point "UGC list". The top of the Zoom window shows a grid of participants' video feeds. On the right, a list of participants is visible, including STTP FINANCIAL ANALYTICS (Host, me), Vinay Goyal (Co-host, guest), Sachin Mittal (Co-host), ANIL KUMAR (Guest), Dr. Sripama Guha (Guest), Hari haran (Guest), Atham Rizvi (Guest), Maqbool Mohiuddin (Guest), Muthupandian S (Guest), Pini Sakshi (Guest), PUNIKA RATHI (Guest), S. Samrat (Guest), Savitha Rani Ramachandran (Guest), and SHREENIVASA VITHOB NAMADEVA (Guest). The bottom of the Zoom window shows the Windows taskbar with the search bar and various system icons.

The presentation slide content is as follows:

AICTE Sponsored
Online Short Term Training Program (STTP)
ON
FINANCIAL ANALYTICS
IBMR, IPS Academy
Welcomes our Eminent Resource Person
- Dr. Vinay Goyal -
Day 6 - Session I
Topic : Publication in High Quality Impact Journal in
Accounting and Finance

Phase III
April 05 - 10, 2021

Participants (22)

Find a participant

STTP FINANCIAL ANALYTICS (Host, me)

Vinay Goyal (Co-host, guest)

Sachin Mittal (Co-host)

ANIL KUMAR (Guest)

Dr. Sripama Guha (Guest)

Hari haran (Guest)

Atham Rizvi (Guest)

Maqbool Mohiuddin (Guest)

Muthupandian S (Guest)

Pini Sakshi (Guest)

PUNIKA RATHI (Guest)

S. Samrat (Guest)

Savitha Rani Ramachandran (Guest)

SHREENIVASA VITHOB NAMADEVA (Guest)

Click to add notes

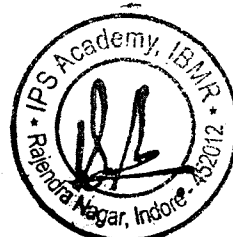
Slide 2 of 4 English (India)

Type here to search

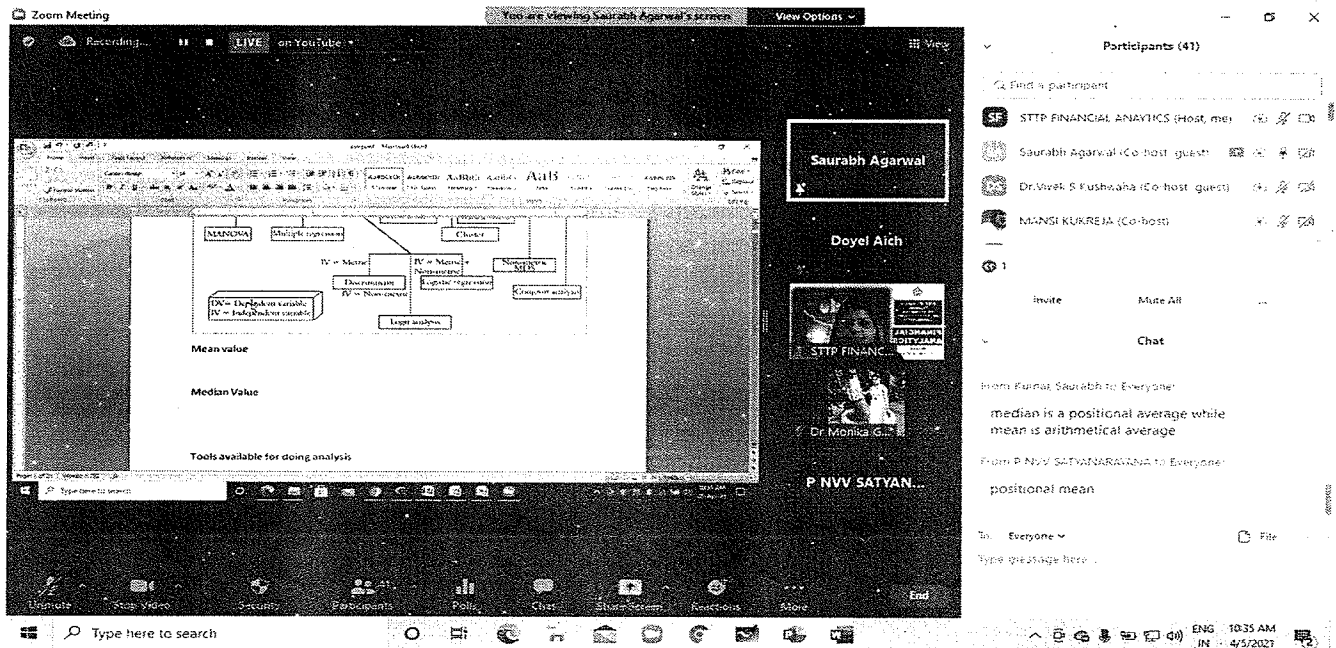
Notes Comments

10:01 10-04-2021

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The top screenshot displays an R console window titled 'RGui (32-bit) - [R Console]'. It shows the following code and output:

```
R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

[Previously saved workspace restored]
15
16 data<-read.csv("C:/Users/DELL/Downloads/header=TRUE")
17 Error in file(file, "rt") : cannot open the connection
18 In addition: Warning message:
19 In file(file, "rt") :
20 cannot open file 'C:/Users/DELL/Downloads': Permission denied
21 data<-read.csv("C:/Users/DELL/Downloads/header=TRUE")
22 shapiro.test(dataStream)
23
24 Shapiro-Wilk normality test
25
26 data: dataStream
27 W = 0.97979, p-value = 0.00553
```

The bottom screenshot shows a Zoom meeting window titled 'Zoom Meeting'. It displays a presentation slide with a Q-Q plot and the following text:

If the points are away from the diagonal line then the variable is not normally distributed as supported by statistical test

The chat window on the right shows the following messages:

- From Saurabh Agarwal to Everyone: Done Sir
- From Saurabh Agarwal to Everyone: thank you sir

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Zoom Meeting

Participants (41)

Find a participant

SF STTP F... (Host: me) Mute More

SA Sourabh A... (Co-host: guest) Mute More

RC Rashmi Chaudhary (Guest) Mute More

AS Ajit Singh Tomar (Guest) Mute More

AS Allimuthu S (Guest) Mute More

Invite Mute All

Chat

From Me to Everyone:

Feedback Link for Day 1 - Session II:

<https://forms.gle/6oJAgDNdv8BDQUDWf8>

To: Everyone File

Type message here...

Zoom Meeting

Participants (30)

Find a participant

SF STTP FINANCIAL ANALYTICS (Host: me) Mute More

VG Vinay Goyal (Co-host: guest) Mute More

SA Sachin Mittal (Co-host) Mute More

AS Anil Sodani (Guest) Mute More

AK ANIL KUMAR (Guest) Mute More

Invite Mute All

Chat

From MANISH KURREJA to Me: (Direct Message)

OK

From Shivrasa Rao Dapkin to Everyone:

thank you

To: MANISH KURREJA Direct Message File

Type message here...

Financial Analytics

14. Accounting and Prevention

15. Accounting Business and the Public Interest

16. Accounting Accountability and Performance

17. Accounting and Business Research

18. Accounting and Finance

19. Accounting and Taxation

20. Accounting and the Public Interest

21. Accounting and the Business Environment

22. Accounting and the Business Environment

23. Accounting and the Business Environment

24. Accounting and the Business Environment

25. Accounting and the Business Environment

26. Accounting and the Business Environment

27. Accounting and the Business Environment

28. Accounting and the Business Environment

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35. Accounting and the Business Environment

36. Accounting and the Business Environment

37. Accounting and the Business Environment

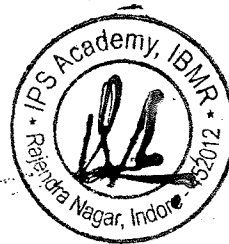
38. Accounting and the Business Environment

39. Accounting and the Business Environment

40. Accounting and the Business Environment

41. Accounting and the Business Environment

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SCREENSHOTS

Dr. Sachin Mittal

- Dr. Mittal has eighteen years of working experience in Teaching, Financial Analysis, Planning and Research. Under his guidance, six candidates have been awarded by their doctoral degree.
- Dr. Mittal is the recipient of best teacher award for the year 2012 by PIMR, Indore and best faculty award for the year 2017 by Jaipuria Institute of Management, Indore.
- He has attended several national and international conferences in India and abroad and presented the papers. He has many national and international publications to his credit. He has also been the editor of three books.
- He has developed a number of management case studies on Indian companies which have been published in Ivey publication, case center, journals and in case monographs.
- He is also a corporate trainer and conducted many training sessions on various topics of finance.

His areas of interest include Financial Management, Financial Institutions and...

Participants (37)

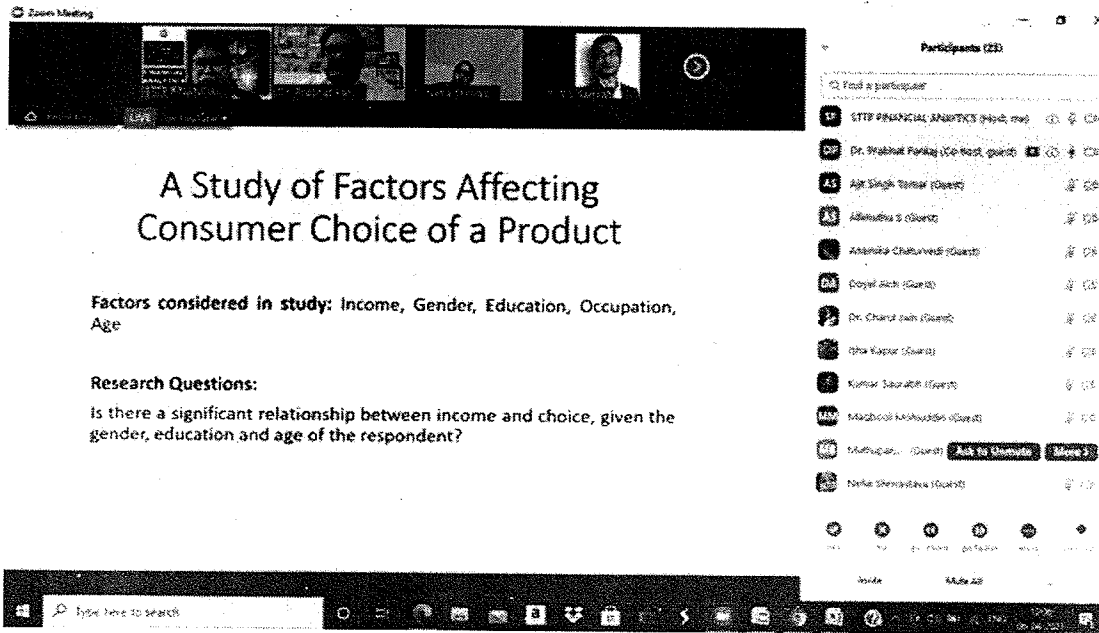
- MANISH KURKREJA (Guest)
- Sachin Mittal (Co-host)
- STTP FINANCIAL ANALYTICS (Co-host)
- Dr. J. Pandey (Guest)
- Dr. Singh Tomar (Guest)
- Atimurta S (Guest)
- Anamika Chaturvedi (Guest)
- C. Aruna (Guest)
- CA Rashmi Chaudhary (Guest)
- Dr. Monika Gorkhe (DPTM) (Guest)
- Dr. Charul Jain (Guest)
- Dr. Neha Rani (Guest)

Other visible participants in the grid include: Savitharani Ram, CA Rashmi Chau..., Maqbool Mohi..., Uma Sharma, Dr. Monika Gor..., S. L. Samrat, Neha Shrivast..., Kumar Seurabi, Saraswati Rai, Dr. Charul Jain, P. Ravi Satyan, Komire Venkatesh, Priyanka..., Vaidya Divya, Ajit Singh Tomar, Anamika Chatur...

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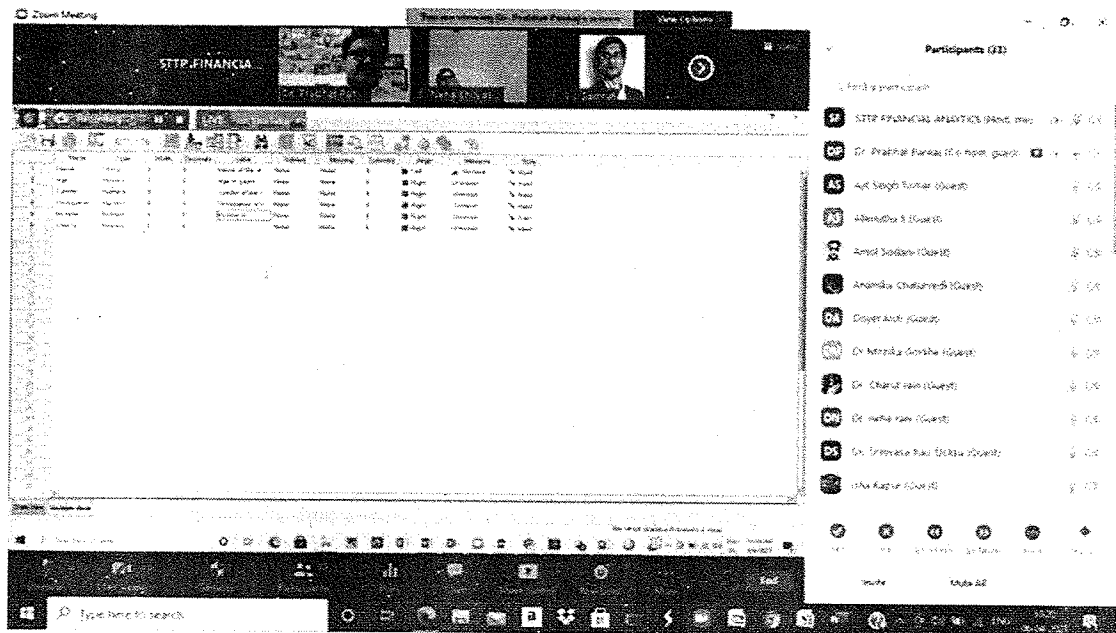
A Study of Factors Affecting Consumer Choice of a Product

Factors considered in study: Income, Gender, Education, Occupation, Age

Research Questions:
 Is there a significant relationship between income and choice, given the gender, education and age of the respondent?

Participants (23)

Participant Name	Role	Duration
STTP FINANCIAL ANALYTICS (Host, me)	Host	00:00
Dr. Prashant Parag (Co-host, guest)	Co-host	00:00
Ajit Singh Tomar (Guest)	Guest	00:00
Alimuddin S (Guest)	Guest	00:00
Anandika Chaturvedi (Guest)	Guest	00:00
Dnyanesh (Guest)	Guest	00:00
Dr. Chandan (Guest)	Guest	00:00
Rishi Kapur (Guest)	Guest	00:00
Kumar Saurabh (Guest)	Guest	00:00
Machobane Kishore (Guest)	Guest	00:00
Muthu (Guest)	Guest	00:00
Neha Sharma (Guest)	Guest	00:00



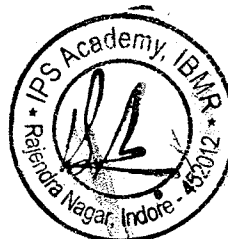
STTP.FINANCIAL

Name	Age	Gender	Education	Occupation	Income	Choice
Dr. Prashant Parag	45	Male	PhD	Professor	150000	1
Ajit Singh Tomar	35	Male	B.Tech	Software Engineer	80000	2
Alimuddin S	30	Male	B.A.	Teacher	40000	3
Anandika Chaturvedi	25	Female	B.A.	Teacher	40000	3
Dnyanesh	25	Male	B.Tech	Software Engineer	80000	2
Dr. Chandan	40	Male	PhD	Professor	150000	1
Rishi Kapur	35	Male	B.Tech	Software Engineer	80000	2
Kumar Saurabh	30	Male	B.A.	Teacher	40000	3
Machobane Kishore	25	Male	B.Tech	Software Engineer	80000	2
Muthu	25	Male	B.Tech	Software Engineer	80000	2
Neha Sharma	25	Female	B.A.	Teacher	40000	3

Participants (23)

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STTP FINANCIAL ANALYTICS (Host, me)	Host	00:00
Dr. Prashant Parag (Co-host, guest)	Co-host	00:00
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Anandika Chaturvedi (Guest)	Guest	00:00
Dnyanesh (Guest)	Guest	00:00
Dr. Chandan (Guest)	Guest	00:00
Rishi Kapur (Guest)	Guest	00:00
Kumar Saurabh (Guest)	Guest	00:00
Machobane Kishore (Guest)	Guest	00:00
Muthu (Guest)	Guest	00:00
Neha Sharma (Guest)	Guest	00:00

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Linear

$$Y_i = \beta_0 + \beta_1 X_i + \beta_2 X_i^2 + e$$

$$Imp = 22.183 + 0.563 Exp$$

Quadratic

$$Imp = 3.059 + 1.085 Exp - 0.004 Exp^2$$

$$\frac{\partial Imp}{\partial Exp} = 1.085 - 0.008 Exp = 0$$

$$or \quad Exp = \frac{1.085}{0.008} = 135.625$$

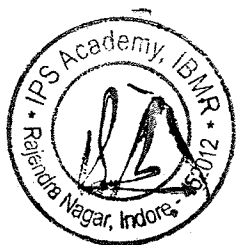
Participants (23)

- SF STTP FINANCIAL ANALYTICS (Host, me)
- DP Dr. Prabhat Pankaj (Co-host, guest)
- NS Neha Sahu (Co-host, guest)
- AS Aje Singh ... (Guest) [Ask to Unmute] [More >]
- AS Allimuthu S (Guest)
- C Aruna (Guest)
- Dr. Charul Jain (Guest)
- K Kalyani (Guest)
- MM Maqbool Mohiuddin (Guest)
- Muthupandian B (Guest)
- Neha Shrivastava (Guest) [More >]
- Prati Bakhshi (Guest)
- PUNIKA RATHI (Guest)
- S I Samrat (Guest)

Participants (26)

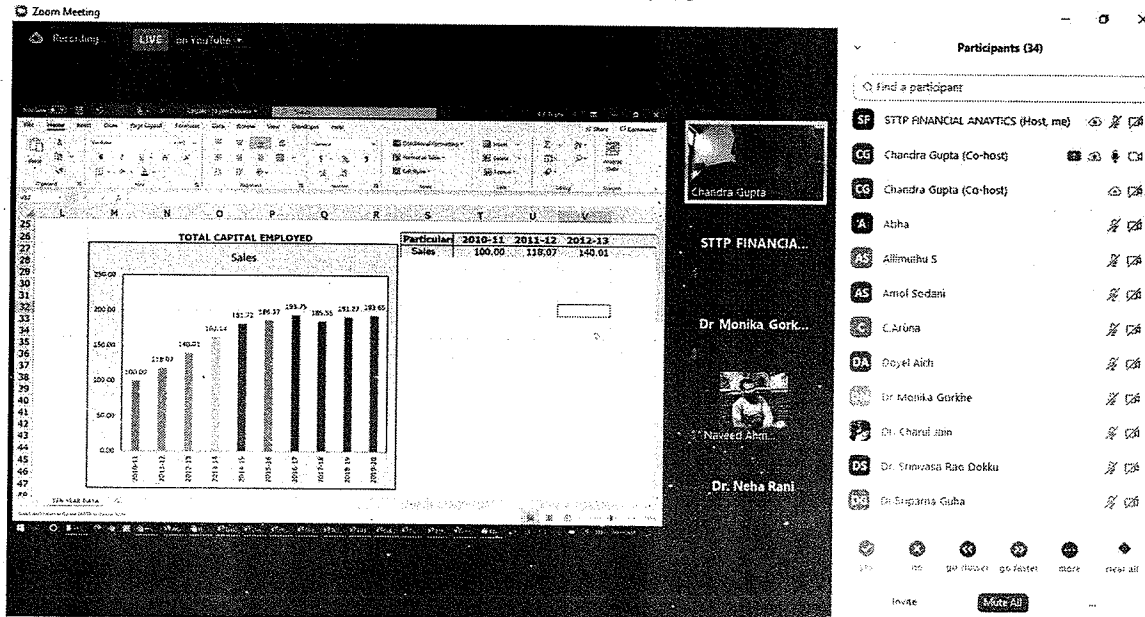
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- C Aruna (Guest)
- DA Dorel Ash (Guest)
- Dr. Charul Jain (Guest)
- K Kalyani (Guest)
- MM Maqbool Mohiuddin (Guest)
- Muthupandian B (Guest)
- Neha Shrivastava (Guest)
- Prati Bakhshi (Guest)
- PUNIKA RATHI (Guest)

Rank	Product	Exp	LogExp	LogExp	LogExp
1	Milk Life	32.5	3.47	3.47	25.023
2	Pepsi	39.5	3.61	3.61	32.011
3	Etiana	11.7	2.36	2.36	17.19
4	Fruit Exotics	21.5	3.07	3.07	12.411
5	Burger King	42.3	3.74	3.74	13.714
6	Top Soda	23.4	3.16	3.16	14.111
7	SKOLMEX	92.4	4.52	4.52	16.211
8	AKA	10.7	2.07	2.07	12.111
9	Star Cola	21.4	3.05	3.05	12.111
10	Fruit	40.1	3.69	3.69	13.111
11	Leaves	45.8	3.79	3.79	13.111
12	Milk Life	12.4	2.12	2.12	12.111
13	ATZBRI	58.6	4.06	4.06	13.111
14	Calamansi	12.2	2.10	2.10	12.111
15	Wine	20.2	2.97	2.97	12.111
16	Pilanes	38.0	3.58	3.58	13.111
17	Shasta	10.0	2.00	2.00	12.111
18	Milk Life	17.5	2.45	2.45	12.111
19	Orca Mover	23.4	3.15	3.15	12.111
20	Crest	71.1	4.25	4.25	14.111
21	ATZBRI	2.4	0.34	0.34	12.111



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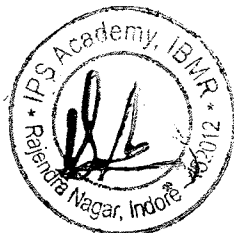


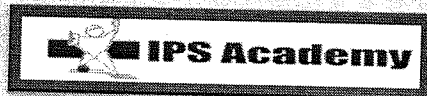
The screenshot shows a Zoom meeting interface. The main window displays a detailed financial statement table with the following data:

Particulars	2010-11	2011-12	2012-13	2013-14	2014-15
Sales	100.00	118.07	140.01	167.14	181.11
Other Operating Revenue and Other Income	100.00	112.42	121.38	79.89	56.11
Net Profit After Tax	100.00	118.07	121.39	134.10	138.11
Total Comprehensive Income					
Cash Profit				5.21	145.11
Net Fixed Assets				5.37	353.11
Investments				5.84	96.11
Other Assets / (Liabilities)				2.79	-269.11
TOTAL ASSETS				6.18	200.11
Share Capital				6.00	100.11
Reserves and Surplus				6.26	204.11
SHAREHOLDERS' FUNDS				6.20	200.11
Loan Funds				5.18	200.11
TOTAL CAPITAL EMPLOYED				4.12	133.11
Earnings Per Share (Rs.)				2.73	109.11
Dividend Per Share (Rs.)				4.00	100.11
Number of Shares (in Lakhs)				100.00	100.11
Number of Shareholders (in '000s)				104.76	107.11

The table provides a comprehensive overview of the company's financial performance over five years. On the right side of the Zoom window, there is a list of participants (34) including the host and co-hosts.

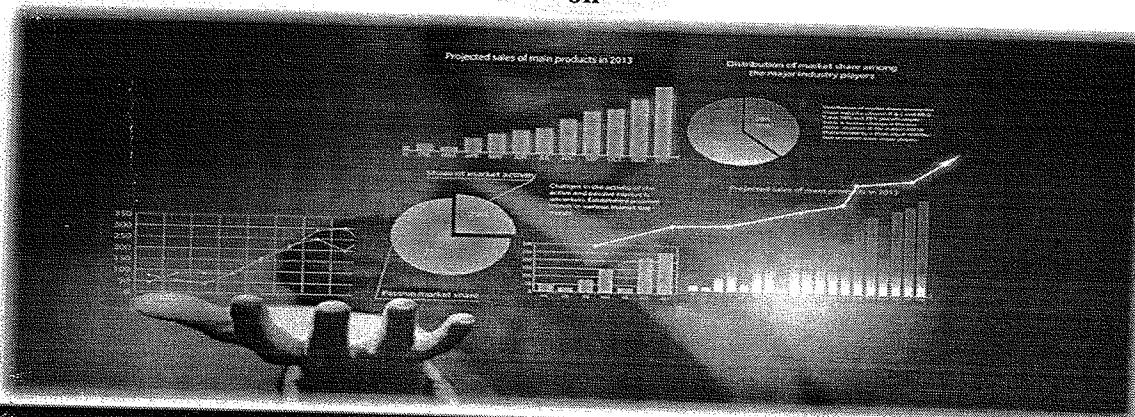
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Institute of Business Management and Research, Indore
organizing

AICTE Sponsored – 6 Days
Online Short Term Training Program(STTP)
on



FINANCIAL ANALYTICS

Phase I
February 22 – 27, 2021

Phase II
March 15 – 20, 2021

Phase III
April 05 – 10, 2021

Nearly every industry is generating a vast amount of data and nearly every business leader today understands the importance of making sense out of that data to drive business strategy. Companies need more from financial analytics than just accurate financial statement analysis. This financial analytics training program explores the myriad possibilities of improved financial transaction performance and revenue growth that ensue when machine learning approaches are integrated with traditional humdrum financial processes. Whether it is with respect to stock market prediction or customer profitability, financial analytics enables to provide a direction in predicting all. This program blends easy-to-use statistical tools to equip the participants with the requisite skill sets in analyzing financial data. By the end of this program, the participants would be able to perform the required financial analysis using powerful tools like Advance Excel, SPSS and R.

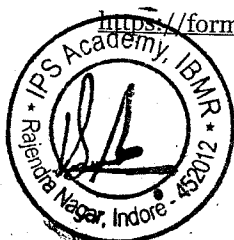
WHO SHOULD ATTEND?

The STTP aims at welcoming all the:

- ✓ Academicians
- ✓ Research Scholars
- ✓ Industry Professionals

REGISTRATION LINK:

<https://forms.gle/n3N85DqatpMFbyT89>



LEARNING OUTCOMES

On Successful completion of this program participants will be able to:

- ✓ Understand the concept of financial analytics in financial decisions of business.
- ✓ Analyze real-life cases and understand the concept of forensic finance.
- ✓ To acquaint with relevant softwares' in financial analytics.
- ✓ To apply financial theories and models using real market data.

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Email id: sttpibmr.fin@ipsacademy.org

RESOURCE PERSONS



Dr. Prabhat Pankaj
 Professor and Director
 Jaipuria Institute of Management,
 Jaipur

Dr. Vinay Goyal
 Associate Professor
 S.P. Jain Institute of
 Management and Research,
 Mumbai



Dr. C.P. Gupta
 Professor
 Department of Finance and
 Economics
 University of Delhi, Delhi

Mr. Hitesh Sethia
 Consultant and Analyst
 Stock Market, Mumbai



Dr. Saurav Agrawal
 Professor, HBTU Kanpur
 and
 Alumnus IIT Kanpur

Mr. Pranabesh Chatterjee
 Senior Manager Analytics
 Owen Financial Services,
 Bangalore
 and
 Alumnus IIM Indore



PROGRAM OUTLINE

- ✓ Predictive Analytical tools and their Application in Finance
- ✓ Portfolio Management Using R
- ✓ Derivative Data Analytics
- ✓ Financial Modelling
- ✓ Data Visualization and Presentation
- ✓ Publication in High Quality Impact Journal in Accounting and Finance

IMPORTANT DATES

Phase 1: February 22 – 27, 2021

Phase 2: March 15 - 20, 2021

Phase 3: April 05 - 10, 2021

Registration should be on or before

16th of February, 2021 for Phase 1
 9th of March, 2021 for Phase 2 and
 30th of March, 2021 for Phase 3

INFORMATION FOR PARTICIPANTS

- ✓ **No Registration fees**
- ✓ The STTP will be conducted in online mode using Zoom platform.
- ✓ Participants willing to participate in this online STTP should have relevant online gadgets viz., laptop/desktop with adequate internet connectivity.
- ✓ The participants who have attendance 80% and more and also score minimum 60% marks in the online test will be issued e-certificates.
- ✓ Intimation to the participants about registration confirmation shall be given through e-mail.

The STTP is organized in three Phases, however similar content will be delivered in each STTP, hence participants shall only participate in one of the Phases (1, 2 or 3) of STTP.

The 6 days STTP will have sessions of five hours each day (Tentative Timings: 10 A.M - 11.30 A.M, 12 Noon - 1.30 P.M, 2.30 P.M - 4.30 P.M).



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 Institute of Quality Assurance
 IPS Academy

Program Chair

Dr. V.S. Kushwaha
 Director, IBMR

Program Co-ordinators

Dr. Mansi Kukreja
 9977222002

Dr. Neha Sahu
 8889345566

Ms. Deepti Shastri Gupta
 9752500606

Program Coordinator

Dr. Sachin Mittal
 Professor, IBMR

REGISTRATION LINK: <https://forms.gle/n3N85DqatpMFbYt8q>

Email id: sttpibmr.fin@ipsacademy.org

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



STTP- Sanction Letter

Ref. No. 34-66/198/FDC/STTP/Policy-1/2019-20

Date 10 AUG 2020

From

Director,
Faculty Development Cell,
AICTE, New Delhi-110070

To

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg,
Vasant Kunj, New Delhi - 110070

Sub: Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2019-20 during the financial year 2020-21- reg.

Sr.

This is to convey the sanction of the Council for payment of Rs. 242267/- (Rupees Two Lakh FortyTwo Thousand Two Hundred SixtySeven Only) for conduct of Short Term Training Program as per details given below:-

1	Name and address of the beneficiary University / Institution	IPS ACADEMY, INSTITUTE OF BUSINESS MANAGEMENT AND RESEARCH, INDORE, (M.P.) HUKMAKHEDI RAJENDRA NAGAR A B ROAD INDORE Madhya Pradesh 452011
2	Permanent ID of Institute	1-3930783
3	Institute type	Unaided - Private
4	Name of Coordinator	Dr. VIVEK KUSHWAHA
5	Amount sanctioned	Rs. 242267/-
6	Amount to be released	Rs. 242267/- Full & final payment
7	Head of account	601.15(a) Gen. Short Term Training Programme (Plan)
8	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9	Title of the programme	STTP on Financial Analytics

- The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the institute through RTGS
- This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.
- The Principal of the Institute and the Coordinator of the Program are requested to verify the correctness of the under-mentioned Bank Account Details submitted by them along with the proposals, in which the grant is being released.



Institute of Business Management
& Research, Indore

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAT13186K	HDFC BANK LTD	INDORE	UPPER GRD FLB COMMERCE HOUSE 7 RACE COURSE ROAD	IPS ACADEMY	Current Account	50200012278632	HDFC0001240

Instructions/Guidelines to be followed by the University/Institution

I. Disbursement of funds to University/Institutions

- The full amount of the grant sanctioned is being released as advance to the University/Institute.
- The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
- The above said amount of grant shall be refunded back to AICTE if the Letter of Approval (LOA) / Extension of Approval (EOA) is not issued by AICTE to the institute for the academic year 2020-21.

II Maintenance of Accounts

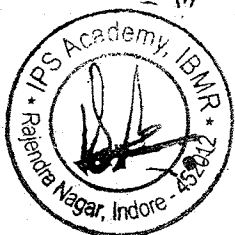
- The Institute shall strictly follow the provisions laid down in the scheme document as available on the portal.
- Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc).

III. Conduct of test and issuance of certificate

A test shall be conducted by Program Monitoring Committee (PMC) at the end of the program and joint certificates shall be issued (by AICTE & conducting institute) to those participants who have attended the program and have scored minimum 60% marks in the test.

IV. Submission of Documents by the University/Institutions to AICTE

- The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program:
 - Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Format for the same is available on AICTE web portal.



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The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

- (ii) Feedback form in the prescribed proforma.
- (iii) Copy of the proceedings and completion report.
- (iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Monitoring Committee (PMC).
- (v) Report submitted by Program Monitoring Committee (PMC).

- b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.

V. General instructions

- a. Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.
- b. The grant released/or part thereof, if remains unutilized for any reason after expiry of stipulated time period (for any reasons to include unspent amount, interest, penalty if imposed) shall be refunded back to AICTE in the form of RTGS payable to Member Secretary, AICTE, New Delhi. The bank details of AICTE are as under:-

Account No.	: 55113199952
Name of the Account Holder	: Member Secretary, AICTE, New Delhi
Bank Name	: State Bank of India
Branch Name	: Shastri Bhawan, New Delhi
IFSC Code	: SBIN0050203

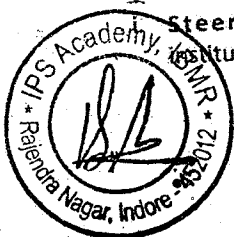
- c. The STTP is a residential program of a duration of six days with minimum 40 participants. The approved STTP shall be conducted within six months from the date of release of funds.
- d. If programme is not conducted within the period of six months of the release of the 100% grant, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month through RTGS.
- d. The expenditure under the Heads 'Honorarium to Course Coordinator' and 'Honorarium to Resource Persons' shall not exceed 1% & 20% respectively of the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.
- g. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.
- h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 34-66/198/FDC/STTP/Policy 1/2019-20 in your future correspondence.

Steering Committee/Project Monitoring Committee (PMC) is required to be constituted at institutional level. The constitution of the PEC shall be as under:

- (i) Principal/Director/Registrar of the institution (Chairperson).
- (ii) Coordinator of the program (Member Secretary).
- (iii) Two HoDs and one subject expert (members).

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The members of the said PMC shall not be below the rank of Associate Professor. A test shall be conducted by Project Monitoring Committee (PMC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PMC report, are to be submitted to the Council at end of the program along with other mandatory documents.

- j. GoI GFR rules (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- k. This Sanction Order may be treated as Offer Letter for all purposes.

NOTE:- Any deviation from the above will invoke serious action against the Institute.

Yours sincerely,

(Col. B Venkat)
Director (FDC)

10 AUG 2020

Copy forwarded for information and necessary action to:-

1. Name and Address of the Coordinator
Dr. VIVEK KUSHWAHA
IPS ACADEMY, INSTITUTE OF BUSINESS MANAGEMENT AND RESEARCH, INDORE, (M.P.)
HUKMAKHEDI RAJENDRA NAGAR A B ROAD INDORE
Madhya Pradesh 452011
2. The Registrar / Director / Principal
IPS ACADEMY, INSTITUTE OF BUSINESS MANAGEMENT AND RESEARCH, INDORE, (M.P.)
HUKMAKHEDI RAJENDRA NAGAR A B ROAD INDORE
Madhya Pradesh 452011
3. Guard File



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AICTE Sponsored online Short Term Training Program (STTP) on Financial Analytics

Phase III (Date 5th April 21 to 10th April 21)

Attended Participants

IPS Academy



S.No	Participants Name	Email	TOTAL = 17	TESTIMONIAL
			Attendance %	Marks %
1	Ajit Singh Tomar	ajit.rise@gmail.com	100	68
2	Allimuthu S	allimuthu@grgsms.ac.in	100	58
3	Komire Venkatesham	venkat.komire@gmail.com	100	58
4	Kumar Saurabh	kr.saurabh07@gmail.com	100	74
5	N. Prabhakar	ail.com	100	58
6	Naveed Ahmad Lone	lonenaveed@gmail.com	100	40
7	Neha Rani	neha.pops1@gmail.com	100	52
8	Priti Bakhshi	priti.bakhshi@jaipuria.ac.in	100	76
9	S L Samrat	slsamrat24@gmail.com	100	68
10	Sahiya A A	sahiyariyas@gmail.com	100	38
11	Ramachandran	savithar@msrim.org	100	72
12	Soujanya Shrivastava	soujan1@gmail.com	100	56
13	Amol Sodani	amolsodani@gmail.com	94	72
14	C. Aruna	Aruna17429@gmail.com	94	52
15	Doyel Aich	doyel.mou@gmail.com	94	54
16	Ketan Mulchandani	ketanmul@gmail.com	94	78
17	Swapna Sattu	Swapna.sattu@gmail.com	94	54
18	Uma Sharma	uma1385@gmail.com	94	60
19	Vadde.Divya	m	94	52
20	Yogita Dwivedi	yogita@mnnit.ac.in	94	60
21	Krishna Kant Soni	dr.kksonil@gmail.com	88	NOT GIVEN
22	Mirza Rafathulla Baig	mirza.rafath@gmail.com	88	56
23	Priya Dipak Parikh	pdparikh1681@gmail.com	88	40
24	Simranjeet Kaur Sandhar	santunai_simranjeet@yahoo.co.in	88	78
25	Anamika Chaturvedi	c.anamika@upidnoida.ac.in	82	NOT GIVEN
26	Charul Jain	jain.charul.09@gmail.com	82	68
27	Ifham Rizvi	rizviifham@gmail.com	82	70
28	Maqbool Mohiuddin	maqbool.m@amjadalikhancollege.edu.in	82	40

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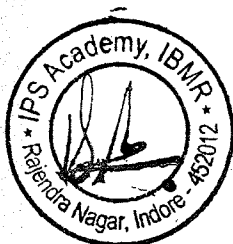
AICTE Sponsored online Short Term Training Program (STTP) on Financial Analytics

Phase III (Date 5th April 21 to 10th April 21)

Attended Participants



S.No	Participants Name	Email	TOTAL = 10	TESTMOZ
			Attendance in %	Marks/%
29	Muthupandian. B	rishi2151@gmail.com	82	70
30	Priya Saxena	phdpriyasaxena@gmail.com	82	72
31	Sriparna Guha	il.com	82	62
32	Monika Gorkhe	monika.gorkhe@gmail.com	76	NOT GIVEN
33	Punjika Rath	punjika100@gmail.com	76	72
34	Rashmi Chaudhary	rashmi.chaudhary@jaipuria.ac.in	76	NOT GIVEN
35	Sunita Ramchandani	sunitaramchandani508@gmail.com	76	74
36	kalyani Parmar	kalyani.parmal@jaipuria.ac.in	76	76
37	Shanu Kumar	singh.shanu.shanu@gmail.com	71	NOT GIVEN
38	Taruna Shah	tarunashah69@gmail.com	71	NOT GIVEN
39	P Nvv Satyanarayana	a@gmail.com	65	NOT GIVEN
40	Saraswati Rai	jalusarai@gmail.com	65	NOT GIVEN
41	Shreenivasa Vithob Namadeva	shreenivas.namadev@gmail.com	65	54
42	Sreya Bar	barsreya@gmail.com	65	NOT GIVEN
43	Varsha	vrsh04@gmail.com	65	NOT GIVEN
44	Neha Shrivastava	nena.researchstudy@gmail.com	59	NOT GIVEN
45	Isha Kapur	ishakapur95@gmail.com	53	NOT GIVEN
46	Srinivasa Rao Dokku	srinu_dokku@yahoo.co.in	47	62
47	Rajesh K Sadhwani	rajeshsadhwani.mba@charusat.ac.in	18	NOT GIVEN



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