

INTERNATIONAL PROGRAMMES SPONSORED BY
MINISTRY OF EXTERNAL AFFAIRS, GOVERNMENT OF INDIA
UNDER ITEC PROGRAMME ON
"BUSINESS RESEARCH METHODOLOGY &
DATA ANALYSIS"

DURATION:
JANUARY 07 - MARCH 01, 2019

POST PROGRAMME REPORT



Organized by:
Entrepreneurship Development Institute of India
Via Ahmedabad Airport & Indira Bridge
P.O. BHAT - 382 428 Dist. Gandhinagar.

INTERNATIONAL TRAINING PROGRAMME ON “BUSINESS RESEARCH METHODOLOGY & DATA ANALYSIS”

Background:

Micro, Small and Medium Enterprises constitute a large share of enterprises in most countries and are cornerstone of economies. They are major source of employment and income in most countries. However, they need to be competitive to survive and grow in the present era of liberalized and digital economy, making national boundaries almost irrelevant. Most of the SMEs are inward looking and not very competitive. They merely survive and sooner than later, cease to exist. One of the reasons for this lackluster performance is their inability to access and analyze right kind of information for decision making.

Large corporates can afford to hire world class consultancy firms like McKinsey, Price Waterhouse Coopers, etc. whereas MSMEs find it almost impossible to afford them. These large firms get extra advantage, as the information generated by analysis of data collected using reliable research methodology, accurately serves the purpose of aiding them in making decisions under intricate situations. Also, data related to visitors of social media sites and navigation patterns on portals are widely used by large firms for predictive analysis. On the other hand, decision making at MSMEs is often based on ad-hoc methods or gut feeling making them more vulnerable to failures.

Although, globalization has led to increased competition, it also offers opportunities for expansion of business, for firms with strategic and competitive strengths. Furthermore, the size of firm does not matter. In this era of digital economy, business success is strongly associated with up-to-date information and knowledge of markets, consumers and competitors acquired using scientifically proven research methods. Business research is vital for sustainability of SMEs in global economy. To grab opportunities that globalization offers, MSMEs need information to support their decisions on target markets, product-mix, branding, consumer perception, trends, supply and demand forecasting and quality control.

Objectives

This training programme of 8 weeks has been designed for capacity building of SMEs in carrying out in-house research and analysis, to gain competitive edge for marching ahead successfully, in this time of cut-throat global competition. Theoretical background of research perfectly blended with practical exercises on business problems will provide better understanding of applications of basic and advanced statistical tools to the participants. Considering the financial limitations of MSME sector, this training would be conducted using Excel/SPSS/R for data analysis. The programme will enable participants to carry out research with tight budget and improve their proficiency in selection of analytical tools and interpretation of the statistical outcomes on Market Segmentation, Brand Research, Consumer Analytics, Trends and Forecasting, Perceptual Mapping etc., to solve business problems.

Target Group

The target group will comprise small business facilitators, entrepreneurs, middle and senior level executives of MSMEs, consultants/counselors & academicians, representatives of development institutions directly or indirectly involved in MSME promotion and functionaries of non-government organizations engaged in MSME promotion. Students pursuing research in Entrepreneurship, Marketing and Business Management can also benefit from this course.

COURSE CONTENT:

Module 1	Fundamentals of Business Statistics
Module 2	Business / Marketing Research Process
Module 3	Data Management with CSPRO
Module 4	Computer Aided Data Analysis (SPSS (PASW) / EXCEL)/R
Module 5	Advanced Multivariate Statistical Methods
Module 6	Trends and Forecasting (Time Series Analysis)
Module 7	Reporting Research Outcomes
	Study Visit

Promotional work:

Looking at the specialized nature of the International programme and the target group, rigorous promotional work was undertaken to promote this programme. A detailed programme brochure was designed and mailed to relevant organizations functioning in ITEC/SCAAP countries. Support was also sought from participants of earlier programmes.

About the participants:

The promotional work undertaken resulted in a response from various International organizations. In all 19 participants from 8 countries registered for the programme.

Training methodology:

A unique mix of training methods was adopted. The pedagogy focused on development of knowledge and skills of the participants so that they can comfortably handle Data Analysis work when they are back to their respective organizations. Inputs were imparted through lecture-cum-practical sessions in the computer laboratory. In addition to this, discussions were organized to facilitate the participants in exchanging their opinions and sort out problems in the process of learning. The medium of instruction used was English.

Lecture-cum-practical sessions : Many topics the training were conducted in workshop mode comprising of presentation followed by hands on practice using SPSS and discussion on output generated using relevant data sets.

Group discussions: Group discussion is an important way in which participants involve themselves in training. Group discussions were designed and blended in to the programme to help the group in learning the subject through active participation. The programme schedule is given as Appendix-1

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Duration & Venue:

This programme was organized at EDII campus during January 07 – March 01, 2019, both days inclusive. The participants were taken for Study-tour during February 05 – 08, 2019.

Course material:

Books on “Marketing Research: An Applied Orientation 7th Edition” by Naresh K Malhotra, “Marketing Research: Text and Cases 3rd Edition” by Rajendra Nargundkar, “Research Methodology – Concept and Cases 2nd Edition” by Deepak Chawla, “Statistical Analysis in Simple Steps using R” by Kiran Pandya and “Fundamental Concepts of Research” by Dr. R.S. Patel were given to the participants.

Outcome of the programme:

After this programme, the participants gained knowledge of Research methods & data analysis with SPSS. The participants were conversant with techniques of data organization, analysis, interpretation and reporting. Improvement in overall competency to pursue analysis without fearing the complexity of the design and analytical tools was evident. In short, the participants were prepared to successfully push forward the research agenda of the organizations they represented. The programme received encouraging feedback.

Programme feedback:

Every day the first 15 minutes were spent on discussing the learnings from the previous day classes. This was to ensure whether the participants received inputs as desired. It also provided a platform to the participants to clarify doubts, if any. In addition to this, at the end of the Programme a formal feedback was taken.

To obtain participants; feedback on all the sessions they were asked to rate each session on a five point scale (Excellent (5) – Poor (1)). The responses were

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converted to weighted average and percentage score was obtained out of 5. The minimum rating was 91% and the maximum rating was 100% (see Appendix-2).

Conclusion

The programme concluded on March 01, 2019. The Programme Director presented an overview of the programme. Later, some participants expressed their views about the programme.

The participants strongly recommended that this programme should be encouraged as it will help in developing the required trained manpower to promote and strengthen data analysis requirement of their organization.

All the participants were awarded with a certificate by the Course Director. Ms. Bindu Prashanth ITEC Programme Coordinator - EDII delivered vote of thanks.



**ITEC SPONSORED INTERNATIONAL TRAINING PROGRAMME ON
"Business Research Methodology & Data Analysis"
(January 07 – March 01, 2019)**



Programme Schedule

1st Week

Venue: Adhyayan-II

Date/Day	I Session (10.00 to 11.15 am.) Registration & Briefing on Admn. Arrangements (BP)	II Session (11.30 a.m. to 12.45 pm.) Programme Introduction: Objectives/Inputs/ Clarifications, Expectations (JY)	III Session (2.00 To 3.15 p.m.) Micro Lab (PB)	IV Session (3.30 to 4.45 p.m.)
07.01.2019 Monday				
08.01.2019 Tuesday		Country Paper Presentation (JY/AJ)		
09.01.2019 Wednesday	Country Paper Presentation (JY)		Why Research & What is Research?	
10.01.2019 Thursday	Testing of Hypothesis (JY)		Preparing a Research Proposal (AJ)	
11.01.2019 Friday	Introduction to Entrepreneurship (PS)		Probability Theory (JY)	

**JY: Dr. Jignasu Yagnik, AJ: Dr. Avdhesh Jha, PB: Dr. Pankaj Bharti, PS: Mr. Prakash Solanki
BP: Ms. Bindu Prashanth**

MILLY (Most Important Lessons Learnt Yesterday): Everyday - 09.45 a.m. to 10.00 a.m.

Tea Break: 11.15 a.m. to 11.30 a.m. and 03.15 p.m. to 3.30 p.m.

Lunch Break: 12.45 p.m. to 02.00 p.m.



**ITEC SPONSORED INTERNATIONAL TRAINING PROGRAMME ON
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Programme Schedule

2nd Week

Venue: Manthan

Date/Day	I Session (10.00 a.m. to 11.15 am.)	II Session (11.30 a.m. to 12.45 pm.)	III Session (2.00 p.m. to 3.15 p.m.)	IV Session (3.30 p.m. to 4.45 p.m.)
14.01.2019 Monday				
15.01.2019 Tuesday		Closed Holiday on account of Makar Sankranti (Kite Festival)		
16.01.2019 Wednesday	Excel for Data Analysis-1 (JY)			Excel for Data Analysis-2 (JY)
17.01.2019 Thursday	Introduction to SPSS-1 (Data Manipulation) (JY)			Why Research Objectives, Questions/Hypothesis (AJ)
18.01.2019 Friday				
19.01.2019 Saturday				
	Visit to Vibrant Gujarat, Gandhinagar (African Pavilion)			

JY: Dr. Jignasu Yagnik, AJ: Dr. Avdresh Jha,

MILLY (Most Important Lessons Learnt Yesterday): Everyday - 09.45 a.m. to 10.00 a.m.

Tea Break: 11.15 a.m. to 11.30 a.m. and 03.15 p.m. to 3.30 p.m.

Lunch Break: 12.45 p.m. to 02.00 p.m.



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Programme Schedule

3rd Week

Venue: Adhyayan II

Date/Day	I Session (10.00 a.m. to 11.15 a.m.)	II Session (11.30 a.m. to 12.45 pm.)	III Session (2.00 p.m. to 3.15 p.m.)	IV Session (3.30 p.m. to 4.45 p.m.)
21.01.2019 Monday	Introduction to SPSS -1 (JY)	Introduction to SPSS -1 (JY)	Research Methods (AJ)	Research Methods (AJ)
22.01.2019 Tuesday	Introduction to SPSS -2 (JY)	Introduction to SPSS -2 (JY)	Tools of Research (AJ)	Tools of Research (AJ)
23.01.2019 Wednesday	Lab. Exercise-1 (JY)	Lab. Exercise-1 (JY)	Measurement Scales (AJ)	Measurement Scales (AJ)
24.01.2019 Thursday	Univariate Analysis (JY)	Univariate Analysis (JY)	Testing of Hypothesis (AJ)	Testing of Hypothesis (AJ)
25.01.2019 Friday	Bivariate Analysis (JY)	Bivariate Analysis (JY)	Lab. Exercise-2 (AJ)	Lab. Exercise-2 (AJ)

JY: Dr. Jignasu Yagnik, AJ: Dr. Avdhesh Jha

MILLY (Most Important Lessons Learnt Yesterday): Everyday - 09.45 a.m. to 10.00 a.m.

Tea Break: 11.15 a.m. to 11.30 a.m. and 03.15 p.m. to 3.30 p.m.

Lunch Break: 12.45 p.m. to 02.00 p.m.



**IITC SPONSORED INTERNATIONAL TRAINING PROGRAMME ON
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(January 07 – March 01, 2019)**



4th Week

Venue: Adhyayan II

Programme Schedule

Date/Day	I Session (10.00 a.m. to 11.15 a.m.)	II Session (11.30 a.m. to 12.45 p.m.)	III Session (2.00 p.m. to 3.15 p.m.)	IV Session (3.30 p.m. to 4.45 p.m.)
28.01.2019 Monday	Preparing Research Paper In-class Group Work 1 (AA)	Preparing Research Paper In-class Group Work 1 (AA)	Review of Group Work 1 (AJ)	Review of Group Work 1 (AJ)
29.01.2019 Tuesday	Preparing Research Paper In-class Group Work 2 (AA)	Preparing Research Paper In-class Group Work 2 (AA)	Review of Group Work 2 (AJ)	Review of Group Work 2 (AJ)
30.01.2019 Wednesday	Preparing Research Paper In-class Group Work 3 (AA)	Preparing Research Paper In-class Group Work 3 (AA)	Review of Group Work 3 (AJ)	Review of Group Work 3 (AJ)
31.01.2019 Thursday	Preparing Research Paper In-class Group Work 4 (AA)	Preparing Research Paper In-class Group Work 4 (AA)	Review of Group Work 4 (AJ)	Review of Group Work 4 (AJ)
01.02.2019 Friday	Preparing Research Paper In-class Group Work 5 (AA)	Preparing Research Paper In-class Group Work 5 (AA)	Review of Group Work 5 (AJ)	Review of Group Work 5 (AJ)

AA: Ms. Ansita Agarwal , AJ: Dr. Avdhesh Jha

MILLY (Most Important Lessons Learnt Yesterday): Everyday - 09.45 a.m. to 10.00 a.m.
Tea Break: 11.15 a.m. to 11.30 a.m. and 03.15 p.m. to 3.30 p.m.

Lunch Break: 12.45 p.m. to 02.00 p.m.



**IITEC SPONSORED INTERNATIONAL TRAINING PROGRAMME ON
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(January 07 – March 01, 2019)**



Programme Schedule

5th Week

Venue: Adhyayan II

Date/Day	I Session (10.00 a.m. to 11.15 a.m.)	II Session (11.30 a.m. to 12.45 p.m.)	III Session (2.00 p.m. to 3.15 p.m.)	IV Session (3.30 p.m. to 4.45 p.m.)
04.02.2019 Monday	Q & A on Data Analysis for your Research Paper			
05.02.2019 Tuesday	(JY)			
06.02.2019 Wednesday	STUDY TOUR			
07.02.2019 Thursday	STUDY TOUR			
08.02.2019 Friday	Briefing on study tour and disbursement of DSA.			

JY: Dr. Jignasu Yagnik

MILLY (Most Important Lessons Learnt Yesterday): Everyday - 09.45 a.m. to 10.00 a.m.

Tea Break: 11.15 a.m. to 11.30 a.m. and 03.15 p.m. to 3.30 p.m.

Lunch Break: 12.45 p.m. to 02.00 p.m.



**ITEC SPONSORED INTERNATIONAL TRAINING PROGRAMME ON
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(January 07 – March 01, 2019)**



Programme Schedule

6th Week

		Venue: Adhyayan II			
Date/Day	I Session (10.00 a.m. to 11.15 a.m.)	II Session (11.30 a.m. to 12.45 p.m.)	III Session (2.00 p.m. to 3.15 p.m.)	IV Session (3.30 p.m. to 4.45 p.m.)	
11.02.2019 Monday	Test of Association & Different types of T-Tests (JY)		Lab. Activity – Chi-square & T-Tests		
12.02.2019 Tuesday	ANOVA-ANCOVA (JY)		Lab. Activity - ANOVA-ANCOVA		
13.02.2019 Wednesday	Correlation & Regression (JY)		Lab. Activity - Correlation & Regression		
14.02.2019 Thursday		Time Series Analysis – 1 (DR)			
15.02.2019 Friday		Time Series Analysis – 2 (DR)			

JY: Dr. Jignasu Yagnik, DR: Prof. Dharmesh Raykundaliya

MILLY (Most Important Lessons Learnt Yesterday): Everyday - 09.45 a.m. to 10.00 a.m.

Tea Break: 11.15 a.m. to 11.30 a.m. and 03.15 p.m. to 3.30 p.m.

Lunch Break: 12.45 p.m. to 02.00 p.m.



**ITEC SPONSORED INTERNATIONAL TRAINING PROGRAMME ON
"Business Research Methodology & Data Analysis"
(January 07 – March 01, 2019)**



Programme Schedule

7th Week

Venue: Adhyayan II

Date/Day	I Session (10.00 a.m. to 11.15 a.m.)	II Session (11.30 a.m. to 12.45 p.m.)	III Session (2.00 p.m. to 3.15 p.m.)	IV Session (3.30 p.m. to 4.45 p.m.)
18.02.2019 Monday		Panel Data Analysis		
19.02.2019 Tuesday	(SB)			
	Multidimensional Scaling		Factor Analysis	
20.02.2019 Wednesday	(SB)			
	Logistic Regression		Lab. Activity	
21.02.2019 Thursday	(JY)			
	Discriminant Analysis		Test Construction	
22.02.2019 Friday	(JY)			
	Reliability Analysis		Paper Presentation	
	(PB)			
	(AJ)			

JY: Dr. Jignasu Yagnik, AJ: Dr. Avdhesh Jha, PB: Dr. Pankaj Bharti, SB: Prof. Smruti Bulsari

MILLY (Most Important Lessons Learnt Yesterday): Everyday - 09.45 a.m. to 10.00 a.m.

Tea Break: 11.15 a.m. to 11.30 a.m. and 03.15 p.m. to 3.30 p.m.

Lunch Break: 12.45 p.m. to 02.00 p.m.



**ITEC SPONSORED INTERNATIONAL TRAINING PROGRAMME ON
"Business Research Methodology & Data Analysis"
(January 07 – March 01, 2019)**



Programme Schedule

8th Week

Venue: Adhyayan II

Date/Day	I Session (10.00 a.m. to 11.15 am.)	II Session (11.30 a.m. to 12.45 pm.)	III Session (2.00 p.m. to 3.15 p.m.)	IV Session (3.30 p.m. to 4.45 p.m.)
25.02.2019 Monday	Introduction to CSPRO-1 (JY)	Introduction to CSPRO-1 (JY)	Lab. Activity (JY)	Lab. Activity (JY)
26.02.2019 Tuesday	Introduction to CSPRO-2 (JY)	Introduction to CSPRO-2 (JY)	Lab. Activity (JY)	Lab. Activity (JY)
27.02.2019 Wednesday	Presentation of Research in Seminar.			
28.02.2019 Thursday	CSPRO to SPSS (JY)	CSPRO to SPSS (JY)	Lab. Activity (JY)	Lab. Activity (JY)
01.03.2019 Friday	Non-parametric Tests (JY)	Non-parametric Tests (JY)	Lab. Activity (JY)	Lab. Activity (JY)

JY: Dr. Jignasu Yagnik

MILLY (Most Important Lessons Learnt Yesterday): Everyday - 09.45 a.m. to 10.00 a.m.

Tea Break: 11.15 a.m. to 11.30 a.m. and 03.15 p.m. to 3.30 p.m.

Lunch Break: 12.45 p.m. to 02.00 p.m.



**IITEC Sponsored International Training Programme on
Business Research Methodology and Data Analysis**
(January 07th - March 01st, 2019)



*Sponsored by : Indian Technical and Economic Cooperation (IITEC)
Ministry of External Affairs, Govt. of India, New Delhi
Organised by : Entrepreneurship Development Institute of India, Ahmedabad*

Sr. No.	Topic	Faculty	Date	5 "Most Effective" to 1 "Least Effective"					Over all rating	
				5	4	3	2	1		Total
ANALYSIS OF FEEDBACK - Part-II (For the 1st Week : January 07 - 11, 2019)										
1)	How do you rate the inputs of the following Session/Faculty.									
1	Programme Introduction: Objective/Inputs/Clarifications, Expectations	Dr. Jignasu Yagnik	07-01-2019	16	0	0	0	0	16	100.00
2	Micro Lab	Dr. Pankaj Bharti	07-01-2019	13	3	0	0	0	16	96.25
3	Why Research & What is Research?	Dr. Avdhesh Jha	09-01-2019	15	1	0	0	0	16	98.75
4	Testing of Hypothesis	Dr. Jignasu Yagnik	10-01-2019	15	1	0	0	0	16	98.75
5	Preparing a Research Proposal	Dr. Avdhesh Jha	10-01-2019	15	1	0	0	0	16	98.75
6	Introduction to Entrepreneurship	Mr. Prakash Solanki	11-01-2019	14	2	0	0	0	16	97.50
7	Probability Theory	Dr. Jignasu Yagnik	11-01-2019	12	3	1	0	0	16	93.75
				75	19	6	0	0	100	

Sr. No.	Topic	Faculty	Date	5 "Most Effective" to 1 "Least"					Over all rating	
				5	4	3	2	1		Total
ANALYSIS OF FEEDBACK - Part-II (For the 2nd Week : January 15 - 19, 2019)										
How do you rate the inputs of the following Session/Faculty.										
1	Excel for Database Analysis – 1	Dr. Jignasu Yagnik	15-01-2019	17	2	0	0	0	19	97.89
			%age	89	11	0	0	0	100	
2	Excel for Database Analysis – 2	Dr. Jignasu Yagnik	15-01-2019	17	2	0	0	0	19	97.89
			%age	89	11	0	0	0	100	
3	Why Research Objectives, Questions/Hypothesis	Dr. Jignasu Yagnik	16-01-2019	18	1	0	0	0	19	98.95
			%age	95	5	0	0	0	100	
4	Why Research Objectives, Questions/Hypothesis	Dr. Avdshesh Jha	17-01-2019	17	2	0	0	0	19	97.89
			%age	89	11	0	0	0	100	
5	Visit to Vibrant Gujarat, Gandhinagar (African Pavilion)	Mr. Shyam	17-01-2019 to 19-01-2019	16	2	1	0	0	19	95.79
			%age	84	11	5	0	0	100	

Sr. No	Topic	Faculty	Date	5 "Most Effective" to 1 "Least					Over all rating	
				5	4	3	2	1		Total
ANALYSIS OF FEEDBACK - Part-II (For the 3rd Week: January 21 - 25, 2019)										
How do you rate the inputs of the following Session/Faculty.										
1	Introduction to SPSS -1	Dr. Jignasu Yagnik	21-01-2019	17	2	0	0	0	19	97.89
			%age	89	11	0	0	0	100	
2	Research Methods	Dr. Avdresh Jha	21-01-2019	17	2	0	0	0	19	97.89
			age%	89	11	0	0	0	100	
3	Introduction to SPSS -2	Dr. Jignasu Yagnik	22-01-2019	18	1	0	0	0	19	98.95
			age%	95	5	0	0	0	100	
4	Tools of Research	Dr. Avdresh Jha	22-01-2019	16	3	0	0	0	19	96.84
			age%	84	16	0	0	0	100	
5	Lab. Exercise-1	Dr. Jignasu Yagnik	23-01-2019	18	1	0	0	0	19	98.95
			age%	95	5	0	0	0	100	
6	Measurement Scales	Dr. Avdresh Jha	23-01-2019	17	2	0	0	0	19	97.89
			age%	89	11	0	0	0	100	
7	Univariate Analysis	Dr. Jignasu Yagnik	24-01-2019	17	2	0	0	0	19	97.89
			age%	89	11	0	0	0	100	
8	Testing of Hypothesis	Dr. Avdresh Jha	24-01-2019	15	4	0	0	0	19	95.79
			age%	79	21	0	0	0	100	
9	Bivariate Analysis	Dr. Jignasu Yagnik	25-01-2019	18	1	0	0	0	19	98.95
			age%	95	5	0	0	0	100	
10	Lab. Exercise-2	Dr. Avdresh Jha	25-01-2019	18	1	0	0	0	19	98.95
			age%	95	5	0	0	0	100	

Sr. No	Topic	Faculty	Date	5 "Most Effective" to 1 "Least					Over all rating	
				5	4	3	2	1		Total
ANALYSIS OF FEEDBACK - Part-II (For the 4th Week: January 28 - February 01, 2019)										
How do you rate the inputs of the following Session / Faculty.										
1	Preparing Research Paper - In-class Group Work 1	Ms. Ansita Agarwal	28.01.2019	19	0	0	0	0	19	100.00
			%age	100	0	0	0	0	100	
2	Review of Group Work 1	Dr. Avdhesh Jha	28.01.2019	19	0	0	0	0	19	100.00
			%age	100	0	0	0	0	100	
3	Preparing Research Paper - In-class Group Work 2	Ms. Ansita Agarwal	29.01.2019	19	0	0	0	0	19	100.00
			%age	100	0	0	0	0	100	
4	Review of Group Work 2	Dr. Avdhesh Jha	29.01.2019	19	0	0	0	0	19	100.00
			%age	100	0	0	0	0	100	
5	Preparing Research Paper - In-class Group Work 3	Ms. Ansita Agarwal	30.01.2019	19	0	0	0	0	19	100.00
			%age	100	0	0	0	0	100	
6	Preparing Research Paper - In-class Group Work 3	Ms. Ansita Agarwal	30.01.2019	19	0	0	0	0	19	100.00
			%age	100	0	0	0	0	100	
7	Preparing Research Paper - In-class Group Work 4	Ms. Ansita Agarwal	31.01.2019	19	0	0	0	0	19	100.00
			%age	100	0	0	0	0	100	
8	Review of Group Work 4	Dr. Avdhesh Jha	31.01.2019	19	0	0	0	0	19	100.00
			%age	100	0	0	0	0	100	
9	Preparing Research Paper - In-class Group Work 5	Ms. Ansita Agarwal	01.02.2019	19	0	0	0	0	19	100.00
			%age	100	0	0	0	0	100	
10	Review of Group Work 5	Dr. Avdhesh Jha	01.02.2019	19	0	0	0	0	19	100.00
			%age	100	0	0	0	0	100	

Sr. No	Topic	Faculty	Date	5 "Most Effective" to 1 "Least					Over all rating	
				5	4	3	2	1		Total
ANALYSIS OF FEEDBACK - Part-II (For the 5th Week 04.02.2019 to 08.02.2019)										
How do you rate the inputs of the following Session/Faculty.										
1	Q & A on Data Analysis for your Research Paper	Dr. Jignasu Yagnik	04.02.2019	16	3	0	0	0	19	96.84
			%age	84	16	0	0	0	100	
2	Q & A on Data Analysis for your Research Paper	Dr. Jignasu Yagnik	04.02.2019	16	3	0	0	0	19	96.84
			%age	84	16	0	0	0	100	
3	Q & A on Data Analysis for your Research Paper	Dr. Jignasu Yagnik	04.02.2019	16	3	0	0	0	19	96.84
			%age	84	16	0	0	0	100	
4	Study Tour	Mr. Shyam	05.02.2019 to 08.02.2019	13	5	1	0	0	19	92.63
			%age	68	26	5	0	0	100	

ANALYSIS OF FEEDBACK - Part-II (For the 6th Week: February 11-15, 2019)											
How do you rate the inputs of the following Session/Faculty.											
1	Test of Association & Different types of T-Test	Dr. Jignasu Yagnik	11.02.2019	18	1	0	0	0	0	19	98.95
			%age	95	5	0	0	0	0	100	
2	Lab. Activity-Chi-Square & T-Tests	Dr. Jignasu Yagnik	11.02.2019	18	1	0	0	0	0	19	98.95
			%age	95	5	0	0	0	0	100	
3	ANOVA-ANCOVA	Dr. Jignasu Yagnik	12.02.2019	16	2	0	0	0	0	18	97.78
			%age	89	11	0	0	0	0	100	
4	Lab. Activity- ANOVA-ANCOVA	Dr. Jignasu Yagnik	12.02.2019	17	1	1	0	0	0	19	96.84
			%age	89	5	5	0	0	0	100	
5	Correlation & Regression	Dr. Jignasu Yagnik	13.02.2019	18	1	0	0	0	0	19	98.95
			%age	95	5	0	0	0	0	100	
6	Lab. Activity- Correlation & Regression	Dr. Jignasu Yagnik	13.02.2019	17	1	1	0	0	0	19	96.84
			%age	89	5	5	0	0	0	100	
7	Time Series Analysis-1	Prof. Dharmesh Raykundaliya	14.02.2019	17	2	0	0	0	0	19	97.89
			%age	89	11	0	0	0	0	100	
8	Time Series Analysis-2	Prof. Dharmesh Raykundaliya	15.02.2019	17	2	0	0	0	0	19	97.89
			%age	89	11	0	0	0	0	100	

ANALYSIS OF FEEDBACK - Part-II (For the 7th Week: February 18-22, 2019)												
How do you rate the inputs of the following Session / Faculty.												
1	Penal Data Analysis	Dr. Smruti Bulsari	18.02.2019	15	4	0	0	0	0	19	95.79	
			%age	79	21	0	0	0	0	100		
2	Multidimensional Scaling	Dr. Smruti Bulsari	19.02.2019	11	8	0	0	0	0	19	91.58	
			%age	58	42	0	0	0	0	100		
3	Factor Analysis	Dr. Jignasu Yagnik	19.02.2019	16	3	0	0	0	0	19	96.84	
			%age	84	16	0	0	0	0	100		
4	Logistic Regression	Dr. Jignasu Yagnik	20.02.2019	15	3	1	0	0	0	19	94.74	
			%age	79	16	5	0	0	0	100		
5	Lab. Activity	Dr. Jignasu Yagnik	20.02.2019	16	2	1	0	0	0	19	95.79	
			%age	84	11	5	0	0	0	100		
6	Discriminant Analysis	Dr. Jignasu Yagnik	21.02.2019	18	1	0	0	0	0	19	98.95	
			%age	95	5	0	0	0	0	100		
7	Test Construction	Dr. Pankaj Bharti	21.02.2019	12	7	0	0	0	0	19	92.63	
			%age	63	37	0	0	0	0	100		
8	Reliability Analysis	Dr. Pankaj Bharti	22.02.2019	13	6	0	0	0	0	19	93.68	
			%age	68	32	0	0	0	0	100		
9	Paper Presentation	Dr. Avdhesh Jha	22.02.2019	16	3	0	0	0	0	19	96.84	
			%age	84	16	0	0	0	0	100		

	How do you rate the inputs of the following Session /Faculty.	Faculty	Date	5 "Most Effective" to 1 "Least Effective"						Over all rating
				5	4	3	2	1	Total	
				%age						
1	Introduction to CSPRO-1	Dr. Jignasu Yagnik	25.02.2019	18	1	0	0	0	19	98.95
				95	5	0	0	0	100	
2	Lab. Activity	Dr. Jignasu Yagnik	25.02.2019	19	0	0	0	0	19	100.00
				100	0	0	0	0	100	
3	Introduction to CSPRO-2	Dr. Jignasu Yagnik	26.02.2019	19	0	0	0	0	19	100.00
				100	0	0	0	0	100	
4	Lab. Activity	Dr. Jignasu Yagnik	26.02.2019	19	0	0	0	0	19	100.00
				100	0	0	0	0	100	
5	Presentation of Research in Seminar.	Dr. Jignasu Yagnik	27.02.2019	18	1	0	0	0	19	98.95
				95	5	0	0	0	100	
6	CSPRO to SPSS	Dr. Jignasu Yagnik	28.02.2019	18	1	0	0	0	19	98.95
				95	5	0	0	0	100	
7	Lab. Activity	Dr. Jignasu Yagnik	28.02.2019	18	1	0	0	0	19	98.95
				95	5	0	0	0	100	
8	Non-parametric Tests	Dr. Jignasu Yagnik	01.03.2019	19	0	0	0	0	19	100.00
				100	0	0	0	0	100	
9	Lab. Activity	Dr. Jignasu Yagnik	01.03.2019	19	0	0	0	0	19	100.00
				100	0	0	0	0	100	

ANALYSIS OF FEEDBACK (Part-III)

1) Suggestions, if any – topics to be included in the programme and specific suggestions for improving the programme:

- a) A very good course from which acquired more knowledge on how to do research and analyze data using variety of statistical analysis programmes. Excellent sessions.
- b) Learnt the classic softwares and now well-equipped with the valuable knowledge from notable and knowledgeable Professors.
- c) Time allocated to research studies needs improvement, e-view SAS, STATA better to be included.
- d) More scientific research practical examples like Microbiology, Plant breeding and climate change for better understanding.
- e) The course was quite encircling indeed more especially for students who work in departments which are research based in terms of the day-to-day activities.
- f) Research paper should be started earlier in the beginning to give participants enough time to work on it.
- g) Extremely good to have undergone the course, an added value to the skills.
- h) Topics are well organised with excellent contents.
- i) Econometrics and modelling of equations need to be added to the course.
- j) Econometrics and modelling of equations need to be added to the course.

2) Your ratings of the facilities provided during the training.

	5 "Most Effective" to 1 "Least Effective"					Over all rating
	5	4	3	2	1	
	15	4	0	0	0	19
%age	79	21	0	0	0	100

3) Suggestions, if any - Food, Hostel/Hotel and other facilities

- a) Food provided was excellent, suggestion to put Freezer in the rooms to keep fruits.
- b) Excellent hostel facilities. Well-equipped institute & class rooms and made feel at home.
- c) Washing machine at every floor to help reduce congestion, Gym space is too small.

4) Your overall rating of the institute.

	5 "Most Effective" to 1 "Least Effective"					Over all rating
	5	4	3	2	1	
	16	3	0	0	0	19
%age	84	16	0	0	0	100

5) A brief assessment of the course and your stay in India (100 words)

- a) Stay in India fantastic and people are kind-hearted, enjoyed culture of India.
- b) Course is useful and given better foundation in research. Good to have chosen EDII as destination institute for first travel to India.
- c) It has been an eye-opener and wonderful experience to learn and experience the Indian food, way of life, infrastructural development that adds to appreciate social-cultural differences and improvement in communities and society. Best practices to be carried back home to Kenya and model to suit Kenyan people.
- d) Excellent course. Stay in India was fantastic, great sociable people always willing to assist when called upon, language though presented a few challenges but gestures and patience came in handy for us. Loved enthusiasm of Indian people.
- e) Amazed by the level of professionalism and knowledge by the teaching staff, kindness and patience towards the participants is awesome.
- f) Profound stay in India and gained tremendous experience.