

Timeline of Training Program on Advanced Statistical Tools

Day 01, 23rd January 2016

Time	Particulars	Faculty
9:00 to 9:10am	Welcome Address by Director ORIC	Prof. Syed Karamatullah Hussainy
9:10 to 9:30am	Introduction to Basic Statistics	Mr. Shakeel Ahmed
9:30 to 10:00am	Introduction to Training Program	Mr. Habibullah Khan/Mr. Kamran Khan
10:00 to 10:20am	Introduction to Regression	Mr. Kamran Khan
10:20 to 1:00pm	Practical of Regression Analysis	Mr. Kamran Khan
1:00 to 2:00pm	Namaz Break	-
2:00 to 2:30pm	Practice of Regression Analysis	-
2:30 to 3:00pm	Introduction to (Exploratory Factor Analysis) EFA	Mr. Kamran Khan
3:00 to 5:00pm	Practical of EFA	Mr. Kamran Khan

Day 02, 24th January 2016

Time	Particulars	Faculty
9:00 to 9:30am	Practice of EFA	-
9:30 to 1:00am	Introduction to Confirmatory Factor Analysis (CFA)	Mr. Kamran Khan
10:00am to 1:00pm	Practical to CFA	Mr. Kamran Khan
1:00 to 2:00pm	Namaz Break	-
2:00 to 2:30pm	Practice of CFA	-
2:30 to 3:00pm	Cluster Analysis	Mr. Habibullah Khan
3:00 to 3:15pm	Introduction to Structural Equation Modeling	Mr. Kamran Khan
3:15 to 3:30pm	Introduction to Moderation and Mediation Analysis	Mr. Kamran Khan
3:30 to 4:15pm	Mediation analysis with Test of Joint Significance	Mr. Kamran Khan
4:15 to 5:00pm	Mediation analysis using Sobel Test	Mr. Kamran Khan

Day 03, 25th January 2016

Time	Particulars	Faculty
9:00 to 10:30am	Mediation Analysis with Bootstrapping	Mr. Kamran Khan
10:30 to 11:30am	Practice of Mediation Analysis Methods	-
11:00 to 11:10pm	Introduction to Seemingly Unrelated Regression (SUR)	Mr. Kamran Khan
11:10 to 1:00 pm	Practical of SUR Technique using SPSS, Eviews and Amos	Mr. Kamran Khan
1:00 to 2:00pm	Namaz Break	-
2:00 to 2:30pm	Introduction to Moderation Analysis	Mr. Kamran Khan
2:30 to 3:30pm	Practical of Moderation Analysis using Aggregate Method	Mr. Kamran Khan
3:30 to 4:00pm	Practical of Moderation Analysis using Descriptive Statistics	Mr. Kamran Khan
4:00 to 5:00pm	Practice for Moderation Analysis Methods	-

Day 04, 26th January 2016

Time	Particulars	Faculty
9:00 to 11:30am	Partial Least Square-Structural Equation Modeling	Mr. Habibullah Khan
11:30 to 1:00am	Ordinary Least Square	Mr. Habibullah Khan
1:00 to 2:00pm	Namaz Break	-
2:00 to 3:00pm	Stationary Test	Mr. Habibullah Khan
3:00 to 3:45pm	Cusum And Cusum-Q & Chow Break Point Test	Mr. Habibullah Khan
3:45 to 4:15pm	Co-Integration Test	Mr. Habibullah Khan
4:15 to 4:45pm	Causality Test	Mr. Habibullah Khan
4:45pm to 5:15pm	Review	Mr. Habibullah Khan