**TRAINING WORKSHOP ON RESEARCH TOOLS & TECHNIQUES**

**(SPSS & Research Methodology)**

VENUE: PASTIC National Center

QAU Campus, Islamabad

31 August to 02 September 2016

(08:30 am - 02:00 pm)

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| **Day 1 : 31-08-2016 (Wednesday)** | |
| 08:30 – 09:30 | Training Workshop Registration for the Participants |
| 09:30 – 10:30 | Inaugural Ceremony |
| 10:30 – 11:30 | Research Methodology/Process |
| 11:30 – 11:45 | Tea break |
| 11:45 – 13:00 | Introduction to SPSS |
| 13:00 - 14:00 | SPSS Data Handling/Files/Import/Export |
| **Day 2 : 01-09-2016 (Thursday)** | |
| 14:30 – 15:30 | Data Transformation/Recoding |
| 08:30 – 09:00 | Missing Values Analyis |
| 09:00 – 09:30 | Descriptive Statistics |
| 09:30 – 10:00 | One Sample t-Test |
| 10:00 – 10:30 | Paired Sample t-Test |
| 10:30 – 11:00 | Tea break |
| 11:00 – 11:30 | Independent Sample t-Test |
| 11:30 – 12:15 | One-Way ANOVA |
| 12:15 – 14:00 | Lab Work |
| **Day 3 : 02-09-2016 (Friday)** | |
| 08:30 – 09:30 | Linear Regression Analysis |
| 09:30 – 10:30 | Correlation Analysis |
| 10:30 – 11:00 | Tea Break |
| 10:30 – 12:00 | Cross Tabulation and Chi-Square Test for Independence |
| 12:05 – 12:30 | Closing Ceremony |
| 12:40 | Lunch |