Workshop on Research Data Management Tools and Techniques
17-18 January 2019| TERI, IHC, New Delhi.
Tentative Agenda

	Day 1
9:15am onward	**Registration**
10:00-10:45am	**Inauguration** • **Welcome Address** Mr Amit Kumar, Senior Fellow & Senior Director, TERI(10m) • **Special Address** Dr. Samar Verma, Senior Program Specialist, IDRC, Canada(30M) • **Setting the Theme** Dr P K Bhattacharya, Fellow & Associate Director, TERI (10m) • **Vote of Thanks** Ms Reeta Sharma, Information Analyst TERI (5 M)
10:45-11:00am	Tea
11:00-11: 30am	**Introduction/Planning to Research Data Management** Mr V Parameswaran, Former Deputy Director General MOSPI *This section will cover:* • *What is research data management?* • *Why take a formal approach to managing your data?* • *What does Research Data Management encompass?*
11:30am: 12:15pm	**Data Management: Using Metadata to Find, Interpret & Share Your Data** Prof Uma Kanjilal, IGNOU *This section will cover:* • *Power of metadata: what it is, why it's so important, and how to get started with it.* • *How do you document your data*
12:15-1:00pm	**Situating Sectors in Data: Case studies** *Examples from Industrial sectors; Research organizations; Libraries* Dr Shantanu Ganguly, Fellow, TERI *This section will cover:* • *Case studies on research data management in different sectors which includes* **Industrial sectors; Research organizations; Libraries.**

Time	Session
1:00-2:00pm	Lunch
2:00-2:30pm	**Data Security and Sharing policy and Copy right issues** Dr. Gurujit Singh, Assistant Professor, GGSIPU *This section will cover:* - *What is Sensitive Data?* - *Was the data previously collected by you?* - *Do you have the right to publish?* - *Can the data be made non-sensitive?* - *Was consent for data sharing given by research participants?* - *Was data publication approved by an Ethics Committee?*
2:30-3:15pm	**Data Planning and introduction to Data handling tools and techniques.** Mr Martand Shradul, Fellow TERI *This section will cover:* - *Introduction to various data handling tools and techniques.* - *Data planning, analysis and visualization using Advanced Excel and Tableu*
3:15-3:30pm	Tea
3:30-4:30pm	**Practice Yourself: Data Visualization using Advanced MS Excel** Mr Martand Shradul, Fellow TERI
4:30-5:30pm	**Data visualization: Learn to know how to present your Data using Tableau** Mr Manish Kumar, Project Associate,TERI
Day 2	
9:30-10:30am	**Data Visualization Demo using Tableau and TERI Case study** Mr Manish Kumar, Project Associate,TERI
10:30-10:45am	Tea
10:45-11:30am	**Data Visualization with Tableau: Hand-on session** Mr Manish Kumar, Project Associate, TERI
11:30-1:00 pm	**Hands-on session continue**
1:00-2:00pm	Lunch
2:00-3:15pm	**Working with Data management tools- 'R'** (Hands-on session) Dr. Moonis Shakeel, Assistant Professor, Jaypee Business School
3:15-3:30-	Tea
3:30-4:30pm	**Working with Data management tools- 'R' continue** (Hands-on session)

	Dr. Moonis Shakeel, Assistant Professor, Jaypee Business School
4:30-5:00pm	**Open Discussion**
5:00-5:15pm	**Certificate distribution**