



**INDIAN COUNCIL OF
SOCIAL SCIENCE RESEARCH**

Southern Regional Centre

Ministry of Education, Government of India
Hyderabad, Telangana - 500007

**SONA COLLEGE OF
TECHNOLOGY**

Learning is a Celebration!
An Autonomous Institution

ICSSR - SRC Sponsored

Three Day Regional Level
Hands on Workshop

DATA ANALYSIS and Visualization

for Social Science Research

Using



JASP



Power BI

50
participants



28 - 30
OCTOBER 2026

Department of Management Studies
Sona College of Technology, salem

Build practical skills to clean, analyse and interpret research data, then communicate findings through clear statistical outputs and interactive dashboards. Learn through demonstrations and guided exercises.

DAY 01
28 Oct **Power BI**
Foundations

- Interface and data preparation
- Data import using Power Query
- Data modelling and relationships
- Visualisations and descriptive dashboards

DAY 02
29 Oct **Power BI**
and JASP

- DAX and interactive analysis
- Advanced visuals, storytelling and report sharing
- JASP interface and data preparation
- Descriptive statistics and reliability

DAY 03
30 Oct **Advanced Research**
Analysis

- Correlation, chi-square and group comparison tests
- Regression and ANOVA
- Exploratory and confirmatory factor analysis
- Structural equation modelling, mediation and reporting

Day 1 Inaugural 9.30 am

Day 3 Valedictory 5.15 - 6.00 pm

Bring your laptop. Installation guidance and practice datasets will be shared in advance.



Mr. M. RAMAKRISHNAN
JASP

Principal,
Ramakrishna Mission Vivekananda College
(Autonomous), Chennai



Prof. SHAHEEN
Power BI

Professor, IT and Analytics
Institute of Public Enterprise
Hyderabad ICSSR Research
Methodology Expert

FREE
Registration



KIT



Lunch



Refreshments



Certificate

Open to Faculty members, doctoral scholars, post-doctoral fellows and early-career social science researchers from Tamil Nadu and Southern Region of India.

Travel and accommodation support for 10 outstation participants is proposed, subject to approved budget provisions and applicable guidelines.

Chief Patrons: **Mr. C. Valliappa**, Chairman, Sona Institutions | **Mr. Chocko Valliappa & Mr. Thyagu Valliappa**, Vice-Chairmen, Sona Institutions

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