



**International Conference on Recent Trends in Media Science and Technology**  
**Department of Media Sciences, CEG, Anna University, Chennai**  
**27th - 29th March 2017**

**Tutorial Session on “Statistical Analysis using SPSS and Weka Tool”**

The International Conference on Recent Trends in Media Science and Technology (RTMeST 2017) is going to be held from 27-29<sup>th</sup> March 2017 in Anna University, Chennai. The Conference will pave the way for researchers and academicians to showcase their talent in the area of Media, Communication and Technology.

In connection with this, the conference committee is going to conduct a parallel “*Tutorial Session on Statistical Analysis using SPSS and Weka Tool*” during the conference. The tutorial session will be held as 3 sessions on all the three days of the conference. The session will provide deeper insights and hands on experience in different approaches associated with research, and the required statistical test to showcase the more authentic, desirable and enriched data results during the research.

**Who can participate??**

The person who has already registered for the conference (Author & Non-author) can participate in the tutorial session.

There is no separate registration fee required for attending the tutorial session.

**Procedures**

Those who are registered for conference and wish to attend the tutorial session should intimate the conference committee separately and confirm their presence by sending the email to [rtmest17@gmail.com](mailto:rtmest17@gmail.com) .

There are only 25 seats available and priority will be given on First come, first served basis.

The Confirmation notification for attending tutorial session will be sent separately to the registered people by email.

## **Syllabus to be covered during tutorial session**

Constructing hypothesis,

Data entering strategies,

Reliability and validity checking.

Descriptive Statistics- working with Charts, scatters, lines, stock, radar,

Chi square test,

Correspondence analysis,

T-test (one sample, independent, paired),

Anova (one way, factorial)

Correlation- Simple, Partial.

Regression- Simple, multiple, stepwise,

Factor analysis,

Construction of SEM model, Model comparison,

Data imputation.

Bootstrapping,

Textual analysis,

Path analysis,

Non parametric tests.