



Karnataka Science and Technology Academy (KSTA)

Dept. of Science and Technology, Government of Karnataka

#24/2, Vijnana Bhavan, Banashankari II Stage

Bengaluru-560070

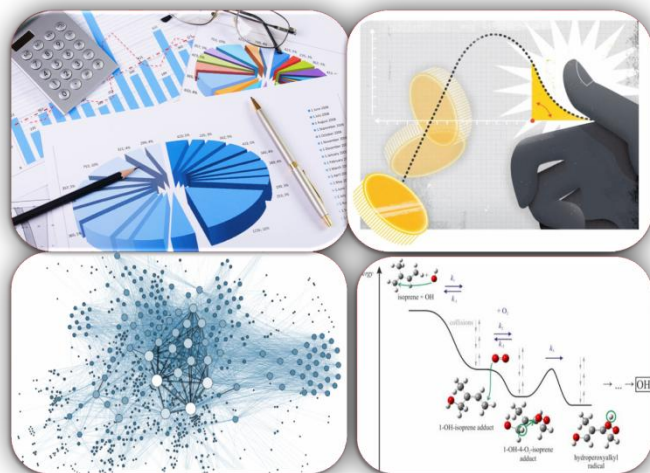
Ph: +91-80-26711160; www.kstacademy.in

Three Days Workshop

On

“Importance of Statistical Tools in Research Work”

June 20-22, 2018 (Wednesday, Thursday & Friday)



Venue:

Karnataka Science and Technology Academy (KSTA)

Dept. of Science and Technology, Government of Karnataka

#24/2, Vijnana Bhavan, Banashankari II Stage, Bengaluru-560070

Karnataka Science and Technology Academy (KSTA)

Karnataka Science and Technology Academy (KSTA) is an autonomous organization under the Department of Science and Technology, Government of Karnataka, which was established under the Chairmanship of distinguished Space Scientist **Padma Vibhushan** Late **Prof. U. R. Rao**, Former Chairman, ISRO/Secretary, DOS, GOI. Consequent to the sad demise of Prof. Rao, **Dr. S.K. Shivakumar**, Former Director, ISAC/ISTRAC, ISRO, Govt. of India has taken over as Chairman of KSTA., which has 20 members comprising eminent scientists, well-known educationists and senior administrators. **Dr. H. Honne Gowda**, Special Director (Technical), DST, Govt. of Karnataka is the Member Secretary of KSTA.

Since its inception, KSTA has been playing a pivotal role in strengthening basic science and engineering education as well as science promotion to build knowledge based society in the State. One of the programs of KSTA is organizing short term training workshops for science and engineering teaching faculty and young researchers. In this context, KSTA has planned to organize a three day workshop on **“Importance of Statistical Tools in Research Work”** during **June 20 - 22, 2018** for about 50-60 teaching faculty and young researchers of science degree and engineering colleges across the State.

About Workshop

Basic knowledge of statistics provides necessary tools and conceptual foundations, which helps in quantitative reasoning as well as to extract information intelligently from the huge database. In scientific research statistics plays a vital role especially in data collection, analyses, interpretation, explanation and presentation. Further, results and inferences in scientific study are precise only if statistical tests are used. Nowadays there is continuously growing demand of the researchers for the statistical data analysis, their need for statistical methods to be applied in statistical data processing.

Statistical tools and analyses are often used to communicate research findings and to support hypotheses as well as to give credibility to research methodology and conclusions. Further, applications of statistics are extensively used in every field like industry, commerce, trade, physics, chemistry, economics, mathematics, life sciences, astronomy; information technology etc., Hence, KSTA is organizing a three day workshop on “**Importance of Statistical Tools in Research Work**” for science and engineering teaching faculty as well as young researchers at KSTA office.

Objectives of the workshop:

- ❖ To give knowledge on importance of statistics in scientific research
- ❖ To describe the importance of statistics in different fields of study
- ❖ To understand how to solve problems and to take appropriate decisions

Technical Sessions:

- ❖ Introduction to Statistics
- ❖ Basic statistical concepts and methods
- ❖ Importance of Statistical tools in Research Work
- ❖ Interpretation of Statistics and Common Errors in Research
- ❖ R Software and its uses

Who should attend:

KSTA workshop exclusively designed for science and engineering teaching faculty and young researchers from across the State.

Note: For more information contact: 080-26711160

KSTA website: www.kstacademy.in



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Registration Form

Name: -----

Designation: -----

Department: -----

Institution/Organization: -----

Mailing Address: -----

Phone No.: -----**Mob. No.:** -----

Email Id: -----

Signature of Applicant: -----

**Approving Authority
(Signature with Seal)**

Date: