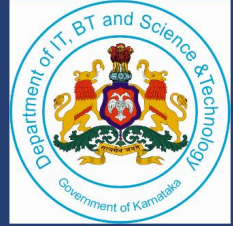


# KARNATAKA SCIENCE AND TECHNOLOGY ACADEMY [KSTA]

Department of Science and Technology, Govt. of Karnataka

"Prof U R Rao Vijnana Bhavan", GKVK Campus, Horticulture of Sciences College  
Entrance, Opp. Doddabettahalli layout Bus Stop, Major Sandeep Unnikrishnan Road,  
Vidyaranyapura Post, Bangalore - 560097



## WEBINAR SESSION ON

## "RESEARCH METHODOLOGY AND DATA ANALYSIS"

DATE: JUNE 17-20, 2020 [WEDNESDAY - SATURDAY]

REGISTER NOW



<https://webinarpark.com/upcoming>



Please install below given open source softwares

- 1) MikTeXBasic Installer
- 2) TexStudio
- 3) JabRef



Packages to be installed

- 1) mptopdf
- 2) placeios
- 3) url



CONVENOR

Dr. A M Ramesh  
Cheif Executive Officer

GET IN TOUCH!

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CO-ORDINATOR

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## ABOUT 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. Presently, Prof. S. Ayyappan, Former DG, ICAR/Secretary, DARE, GOI has taken over as Chairman of KSTA., which has 13 members comprising eminent scientists, well-known educationists and senior administrators. Dr. H. Honne Gowda, Special Secretary (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 an online workshop on "Research Methodology and Data Analysis" during June 17 - 20, 2020 for teaching faculty and young researchers of science degree and engineering colleges across the State.

## ABOUT THE WORKSHOP

Research is the cornerstone to broaden the horizons of our knowledge through systematic investigations. It establishes and confirms facts or reaffirms results of previous works or solves new or existing problems or support theorems or develop new theories. Further, it could also be an extension of previous works in the field. In view of this, it is essential to design a sound research methodological process to overcome challenges, while carrying out research. A good research methodology is a key to quality output.

With this background, a short-term training workshop is organized to cover fundamentals of research methodology, focusing on various aspects related to defining research problems, designing of research method, sampling design, testing of hypothesis, Intellectual Property Rights (IPRs), interpretation & report writing, etc., as per Visvesvaraya Technological University (VTU) syllabus.

## TOPICS TO BE COVERED

### DAY 1 : JUNE 17, 2020 [WEDNESDAY]

#### SESSION-1 [10.00 AM - 11.45 AM]

Research Methodology and Defining the Research Problem

#### SESSION-2 [12.00 NOON - 01.30 PM]

Reviewing the literature & Research Design

### DAY 2 : JUNE 18, 2020 [THURSDAY]

#### SESSION - 3 [10.00 AM - 11.30 AM]

Design of sample Surveys; Measurement and Scaling and Data Collection

#### SESSION-4 [11.45 AM - 01.15 PM]

Testing of Hypotheses & Chi-square Test

### DAY 3 : JUNE 19, 2020 [FRIDAY]

#### SESSION-5 [10.00 AM - 11.30 AM]

Interpretation and Report Writing



#### SESSION-6 [11.45 AM - 01.15 PM]

Intellectual Property Rights

### DAY 4 : JUNE 20, 2020 [SATURDAY]

#### PRACTICAL SESSION [10.00 AM - 01.15 PM]

Hands-on-training: Latex Software & Bibliography Management Tools

## REGISTRATION FEE

PG Students : Rs. 200/-

Research Scholar / Faculty : Rs. 300/-

## ACCOUNT DETAILS

Account Name: Karnataka Science and Technology Academy

Account No: 64001018807

IFSC Code: SBIN0009045

## NOTE:

- » The participants are requested to confirm their participation by registering online through the link given in the brochure. Fee once paid will not be reimbursed.
- » The online attendance in all sessions is compulsory to receive certificate.
- » Digital Certificate will be provided for participation