

# ONE WEEK ONLINE WORKSHOP ON RESEARCH METHODOLOGY

**FEBRUARY 1-7, 2023**  
**6-8 PM**

Organized By

VART Research, Mumbai, India

In collaboration with

Department of Statistics and IQAC, BH College, Howly, Assam

QR CODE FOR REGISTRATION



## Nature of participants

This workshop is for Graduate/ Masters, M.Phil. and Ph.D. scholars, Faculties, Researchers working in colleges /institutions/universities/organizations, NGOs & Independent researchers who are working or wish to work in Quantitative/Qualitative research, data management, and data analysis in their research work.

### WORKSHOP COORDINATORS



**DR. CHAVAN KR. SARMAH**

Assistant Professor and HOD  
Department of Statistics  
B.H. College, Howly, Barpeta, Assam



**DR. BAGSMRITA BHAGAWATI**

Assistant Professor  
Department of Statistics  
B.H. College, Howly, Barpeta, Assam



**DR. JAYANTA KUMAR BORA**

Founding & Executive Director  
VART Research, Mumbai, India  
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REGISTRATION LINK: [HTTPS://FORMS.GLE/WTXIZ5MR8FD7SEZQ5](https://forms.gle/WTXIZ5MR8FD7SEZQ5)

### Registration Fees:


- For faculty members/working participants: INR 1500/-
- For student/M.Phil./Ph.D. scholars: INR 1000/-

**REGISTRATION DEADLINE: 25TH JAN 2023**

### Benefit

- Registered participants will be given e-certificates
- Relevant reading and study material for all sessions will be provided to the registered participants

### CONTACT US

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## About VART

The VART is a new venture of the academic, social research, and data science sector registered in 2019 under the Ministry of Corporate Affairs and Ministry of Micro, Small & Medium Enterprises (MSME), Govt of India. In 2021, VART was recognized as a "Startup" (#startupindia: DIPP84613) by the Department for Promotion of Industry and Internal Trade (DPIIT), Govt of India. Our mission is to provide value-added training and research service to the client. We aim to skill the youths through various analytical, research methodologies, and software training and programs to strengthen the country's youth professionals. Our vision is to develop competitive and competent individuals in the research and analytical domain who will be assets for developing the research community in the country. Since its inception, we have provided various capacity building & soft skill development programs through virtual mode and completed more than 30 batches of training programs (with more than 1800 participants) which has empowered many students, M.Phil./Ph.D. scholars, academicians, individuals, and other researchers to upgrade their research skills. For details, please visit [www.vartindia.com](http://www.vartindia.com).

## About the Department of Statistics, B.H. College, Howly

B.H. College is an undergraduate college established in the year 1966 at Howly of Barpeta district in Assam and is affiliated with Gauhati University. The college was accorded UGC recognition in the year 1969, B++ Accreditation by NAAC in 2003, and was accredited with 'A' by NAAC in 2016. At present, there are more than 4000 students enrolled in HS, UG, and PG courses in the college. Though a rural college, this institution caters to the academic needs of local youth coming from families of cultivators and poverty-stricken multitude and hence meets the growing challenges of Higher Education. Out of the 23 departments of the college, the Statistics department was established in 1984 offering UG (General) courses, and subsequently in 2015 started Major Course in the subject. The faculties of this department along with their regular departmental classes (both in HS and UG) have also shouldered the responsibility of teaching Business Statistics in B. Com, M. Com., and BBA courses along with teaching the Probability paper of Mathematics Major Course in Non-CBCS course. The department put extra effort into the progression of students through problem-solving and other assistance to students. Thus, the department is on the path of creating avenues for resource generation through data analysis.

## The objective of the workshop

During the COVID-19 pandemic, virtual academic engagement is resultant more productive and gives a better outcome. Keeping in view the immense benefits of the online workshop in the present educational set-up, The VART research in collaboration with the Department of Statistics, B.H. College, Howly, Assam, is pleased to offer a One Week Online Research Methodology Workshop for the faculty members, research scholars, researchers, and academic fraternity in the country from February 1-7, 2023. The workshop aims to bring together faculties, researchers, and research scholars to exchange and share their experiences and research results on all aspects of Research Methodologies and data analysis. It also provides a premier interdisciplinary platform for researchers and educators to present and discuss the most recent innovations, methods, concerns, practical challenges encountered, and solutions adopted in the research methods and data analysis. The workshop is also intended to strengthen scholars, researchers, and faculties in the introduction of analytical skills by providing a blend of conceptual learning and hands-on practical sessions on statistical software. These analytical skills will help the researcher in their research and research dissemination work.

## The expected outcome of the workshop

At the end of the workshop, the participants would be able to:

- Understand the different methods of research
- Understand the different Sampling Techniques & Sample Size Determination
- Process of Literature Review, Plagiarism, Ethics in Research
- Introduction and work on statistical data analysis software
- Understanding and knowledge about the dissemination process in a good impact factor peer-reviewed journal

## Methodology

The methodology of the workshop will be in virtual mode and comprise:

- Online lecture
- Participatory discussion with Q&A
- Demonstrations
- Exercises and data analysis sessions using statistical software

**Research Methodology workshop course content**  
 Organized By VART Research, Mumbai, India In collaboration with  
 Department of Statistics and IQAC, BH College, Howly, Assam, during Feb 1-7, 2023

Days	Session time: 6-8 pm
Day1, Wednesday (Feb 1, 2023)	<ul style="list-style-type: none"> <li>• <b>Fundamentals of Statistics and Test of Significance</b></li> </ul> <p><b>Dr. Bagsmrita Bhagawati &amp; Dr. Chavan Kr. Sarmah</b>                      Assistant Professors, Department of Statistics                      B.H. College, Howly, Barpeta, Assam</p>
Day2, Thursday (Feb 2, 2023)	<ul style="list-style-type: none"> <li>• <b>Descriptive and Inferential Statistics, Data Visualisation, Correlation, and Regression using SPSS</b></li> </ul> <p><b>Prof S.C. Gulati</b>                      Former Professor, Institute of Economic Growth, New Delhi</p>
Day3, Friday (Feb 3, 2023)	<ul style="list-style-type: none"> <li>• <b>Sampling Techniques &amp; Sample Size Determination</b></li> </ul> <p><b>Dr. Dharmendra Kumar Yadav</b>                      Assistant Professor, Department of Statistics &amp; Demography                      National Institute of Health &amp; Family Welfare (NIHFW), New Delhi, India</p>
Day4, Saturday (Feb 4, 2023)	<ul style="list-style-type: none"> <li>• <b>Literature Review, Plagiarism, Ethics in Research</b></li> </ul> <p><b>Dr. Kuldeep Goswami</b>                      Assistant Professor                      Department of Statistics, Dibrugarh University</p>
Day5, Sunday (Feb 5, 2023)	<ul style="list-style-type: none"> <li>• <b>How to write a good scientific research paper/project proposal?, Process of journal publication, and publication criteria</b></li> </ul> <p><b>Dr. Nandita Saikia</b>                      Professor                      Department of Public Health and Mortality Studies, IIPS, Mumbai,</p>
Day6, Monday (Feb 6, 2023)	<ul style="list-style-type: none"> <li>• <b>Introduction and importance of Analytical tools in Research</b></li> </ul> <p><b>Dr. Jayanta Kumar Bora</b>                      Founding &amp; Executive Director                      VART Research, Mumbai, India</p>
Day7, Tuesday (Feb 7, 2023)	<ul style="list-style-type: none"> <li>• <b>Basic Data Analysis using R Software</b></li> </ul> <p><b>Dr. Jayanta Kumar Bora</b>                      Founding &amp; Executive Director                      VART Research, Mumbai, India</p>