

## Highlights of the Course

- Types of data with biological examples.
- Interpret differences in data distributions.
- Interpret and explain a p-value
- Perform a two-sample t-test and interpret the results; calculate a 95% confidence interval for the difference in population means
- Understand and interpret results from Analysis of Variance (ANOVA), a technique used to compare means amongst more than two independent populations
- Correlation/Regression: Concepts and Interpretation.
- Use R language to perform various statistical tests.

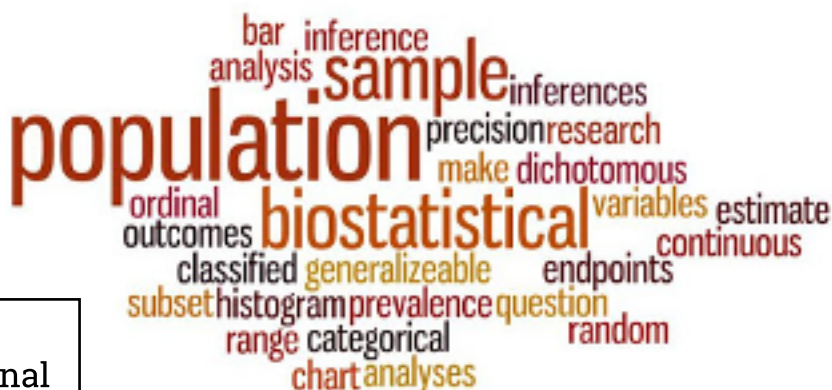


# Online Foundation Course on 'Biostatistics in R'

(27- 29 May, 2020)

**DEPARTMENT OF BOTANY  
GAUHATI UNIVERSITY**

Gauhati University, a teaching & affiliating institute, accredited grade "A" by NAAC, is the oldest and one of the renowned universities in North East India established in 1948. Department of Botany is one of the oldest department of Gauhati University established in the year 1948. The Department has a brilliant history of its growth and development ever since its inception. At present the department is offering the M.Sc. course in Botany and Microbiology, M.Phil and Ph.D. The department has been selected by the Department of Science & Technology, Govt. of India under DST-FIST and UGC-SAP for financial assistance.



### **Who can attend this Course?**

Students pursuing Master Degree (Final Semester), M.Phil., Post-Doc, Research Scholars, Researchers, Scientists who are working across broad range of fields, including, plant biology, conservation biology, ecology, evolutionary biology, Environmental Science etc.

### **Registration Fee**

**No registration fee required**

### **Course timings**

The course will commence at 2:00 pm and expected to complete by 6:00 pm every day.

**Total contact hours: 10 hours.**

### **Prerequisites**

Laptop with camera, headset with mic and good 4G internet connection

**E-Certificate will issued to the participants.**

### **Adviser**

**Prof. Nilakshee Devi**

Head, Department of Botany,  
Gauhati University

### **Course coordinator**

**Prof. Bhaben Tanti**

Department of Botany,  
Gauhati University.

### **Facilitator**

**Dr. Kuladip Sarma**, Research Associate

Department of Botany,  
Gauhati University.



### **Contact us for Enrollment**

Kindly e-mail your interest with details at  
workshop.botgu@gmail.com