



Discipline of Biosciences and Biomedical Engineering
Analytical methods in Biostatistics
Indian Institute of Technology Indore, India
11th and 12th October 2019

About IIT Indore

IIT Indore located at Simrol, Khandwa Road, Madhya Pradesh, is one of the eight new Indian Institutes of Technology (IIT) established by the Ministry of Human Resource Development (MHRD), Government of India in 2008-09. The Discipline of Biosciences and Biomedical Engineering (BSBE) is a center of excellence that focuses on research in multidisciplinary areas of Biosciences and Biomedical Engineering. The BSBE group aims to be internationally recognized in bio-related research and aspires to create an ambience for the smooth pursuit of scholarly activities in research and training, leading to novel innovations, in addition to carrying out fundamental studies in life sciences. In 2017, IIT Indore was ranked 15th amongst all engineering universities and institutions in India and a very impressive 5th in teaching and resource category by MHRD as per NIRF 2017. Recently, IIT Indore debuted with a rank of 351-400 in the Times Higher Education World University Rankings, 2019, 2nd among Indian institutes.

Keynote Speaker

Dr. ASHWANI KUMAR MISHRA
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About the Analytical methods in Biostatistics

Biostatistics are the development and application of statistical methods to a wide range of topics in biology. It encompasses the design of biological experiments, the collection and analysis of data from those experiments and the interpretation of the results. Bio statistical modeling forms an important part of numerous modern biological theories Gregor Mendel started the genetics studies investigating genetics segregation patterns in families of peas and used statistics to explain the collected data

Program Schedule 11 Oct and 12 Oct 2019

Day 1 Friday (11/10/2019)	
09:30 AM -10:00 AM	Inauguration ceremony and welcome address
10:00AM - 11:00AM	Study design and descriptive statistics
11:30 AM- 01:15 PM	Inferential statistics and test of significance
02:00 PM - 05:15 PM	Hands on training
Day 2 Saturday (12/10/2019)	
10:00AM- 11:30AM	Statistical computing
11:30AM - 01:15 PM	Hands on training

Venue

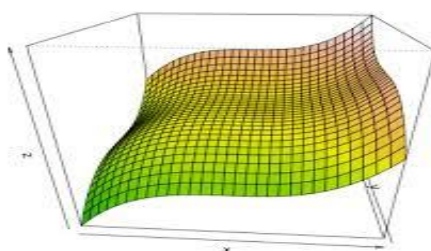
Helium Building (SB-314A) IIT Indore

Registration -

Students

Postdoc /Staff

Faculty



Program Schedule 11 Oct and 12 Oct 2019
Analytical methods in Biostatistics by Discipline of Biosciences and Biomedical Engineering

Day 1 Friday (11/10/2019)

09:30 AM - 10:00 AM	Inauguration ceremony and welcome address by Head BSBE
10:00AM - 11:15AM	Study design on biostatistics and descriptive statics.
11:15 AM – 11:30 AM	Tea Break
11:30 AM - 12:30 PM	Inferential statistics
12:30 PM - 01:15 PM	Teat of significance
01:15 PM - 02:00 PM	Lunch
02:00 PM – 03:45 PM	Hands on training
03:45 PM - 04:00 PM	Tea Break
05:00 PM – 05:15 PM	Hands on training & Question Answer session

Day 2 Saturday (12/10/2019)

10:00AM - 11:10 AM	Test of significance
11:00 AM – 11:15 AM	Tea Break
11:15 AM – 01:00 PM	Hands on training & Question Answer session
12:30 PM - 02:00 PM	Lunch
02:00 PM - 03:30 PM	End of the workshop and photo session