

“ ज्ञान विज्ञान आणि सुसंस्कार यासाठी शिक्षण प्रसार ”

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Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College Kolhapur (Empowered Autonomous)
Department of Statistics
Notice regarding Guest Lecture

Date: - 01/04/2024

All students of M.Sc. I and II of the department of statistics are hereby informed that there will be online guest lecture on “**Generalized Linear Models**” by Dr. Deepak. M. Sakate, Associate Professor, Central University of Tamilnadu on 4th April, 2024 at 3:30 pm. in the Department of Statistics.

Mrs. V.C. Shinde

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DEPARTMENT OF STATISTICS
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)



"Education for Knowledge, Science and Culture"
-Shikshanmaharshi Dr. Bapuji Salunkhe
Shri Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR
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DEPARTMENT OF STATISTICS
Online Guest Lecture
on
"Generalized Linear Models"

- **Aim:** To learn more about and become familiar with the advanced concept of '**Generalized Linear Models**'.

- **Objectives:**

1. To understand the importance and need of Generalized Linear Models.
2. To know advanced concepts in Generalized Linear Models.

- **Time & Date:** 4th April 2024 (At 03.30 pm)

- **Venue:** Department of Statistics

- **Resource Person:** Dr. D.M. Sakate, Associate Professor, Department of Statistics and Applied Mathematics, Central University, Tamil Nadu.

- **Number of Students** – 33

- **Number of Teachers:** 5

- **Brief description:**

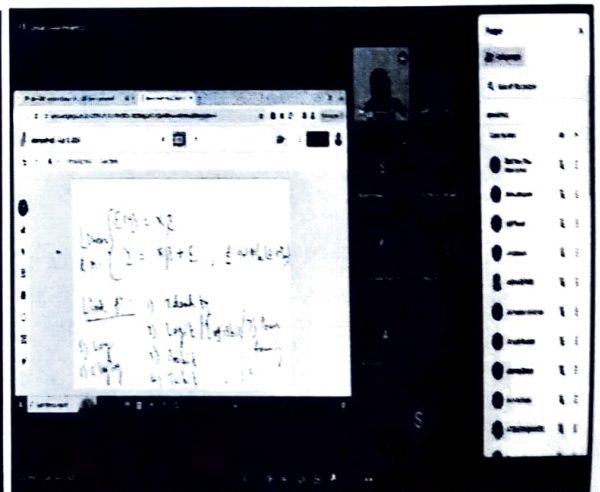
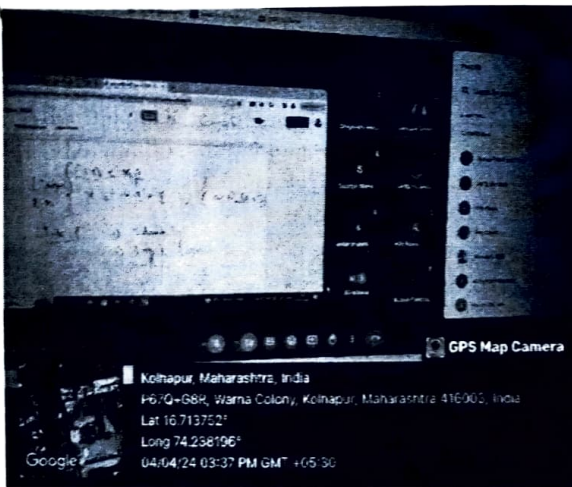
Online Guest Lecture on Generalized Linear Model by Dr. D.M. Sakate, Associate Professor, Department of Statistics and Applied Mathematics, Central University, Tamil Nadu, held on April 4, 2024. In his lecture, he explained the basic idea of GLM and the components needed to construct it. He also explained the methods of estimation of parameters like ML estimation, quasi-likelihood estimation, logistic regression, Poisson regression, and the test of goodness of fit to the models by using real-life examples like cancer patients, smokers, and non-smokers.

The vote of thanks was presented by Mrs. V.C. Shinde.

- **Outcomes:**

After the guest lecture students,

- Understood the importance and need of Generalized Linear Models.
- Learned the methods of estimation of parameters & test of goodness of fit to the GLM.



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