" ज्ञान विज्ञान आणि सुसंस्कार यासाठी शिक्षण प्रसार"

प. पू. शिक्षणमहर्षि डॉ. बापुजी साळुंखे

Vivekanand College Kolhapur (Empowered Autonomous)

Department of Statistics

Notice regarding Series of Guest Lectures

Date: - 20/04/2024

All students of M.Sc. of the department of statistics are hereby informed that there will be a series of guest lectures on **"Frailty Models in Survival Analysis"**, by Dr. Arvind Pande, Professor, Department of Statistics, Central university, Rajasthan from 21st April, 2024 to 25th April 2024 in online mode. The lectures are scheduled as below

Sr. No.	Date	Content	Time
1	21/04/2024	Comparison of two groups of survival data	11:00AM-1:00PM
2	22/04/2024	Random effects, Individual frailty, Shared frailty	02:30PM-4:30PM
3	24/04/2024	Frailty distributions: The gamma frailty distribution; Lognormal frailty effects, Testing for the presence of frailty	02:30PM-4:30PM
4	25/04/2024	The shared frailty model; Fitting the shared frailty model, Comparing shared frailty models.	02:30PM-4:30PM

Note: The attendance of students is compulsory.

for Abhay

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DEPARTMENT OF STATISTICS
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"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
"Frailty Models in Survival Analysis"

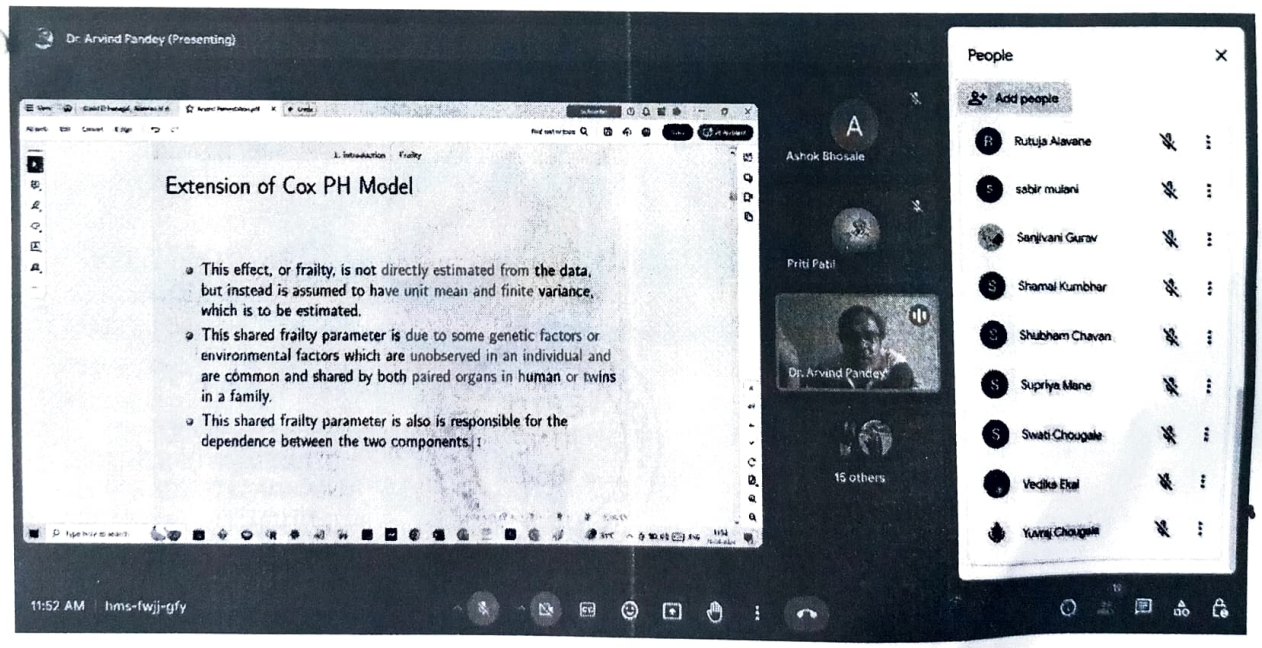
- **Aim:** To learn more about the concept of **'Frailty Models in Survival Analysis'.**
- **Objectives:**
  1. To understand the need of Survival Analysis.
  2. To educate students on the advanced concepts in Survival Analysis.
- **Date: From 21st April 2024 To 25th April 2024**
- **Venue:** Department of Statistics
- **Resource Person:** Prof. Dr. Arvind Pandey, Professor, Department of Statistics, Central University of Rajasthan.
- **Number of Students** – 20
- **Number of Teachers:** 2
- **Brief description:**

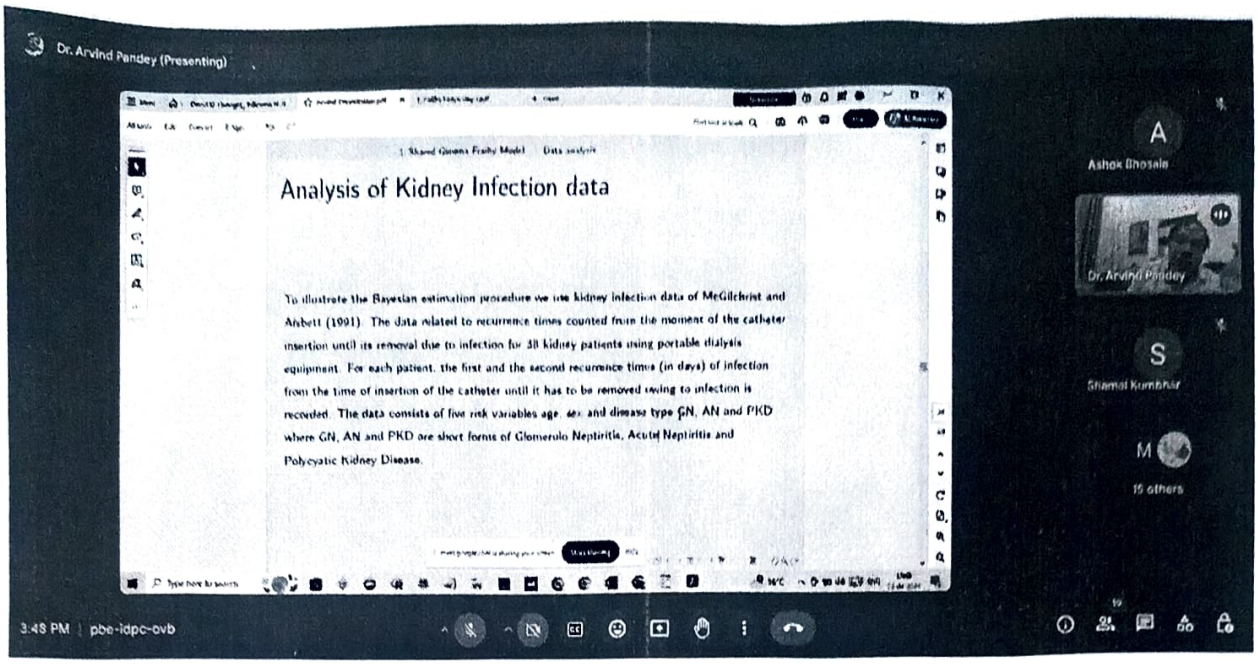
The dignitary Prof. Dr. Arvind Pandey, Professor, Department of Statistics, Central University of Rajasthan was welcomed with a token of appreciation by Mr. A. B. Bhosale. He delivered a lecture series from 21st April 2024 to 25th April 2024. In this, he briefly explained comparison of two groups of survival data. He started from introduction to frailty models and further covered concepts like shared frailty, frailty distribution, various tests to testing the shared frailty with simulation using R software. The vote of thanks was presented by Mr. A. B. Bhosale.

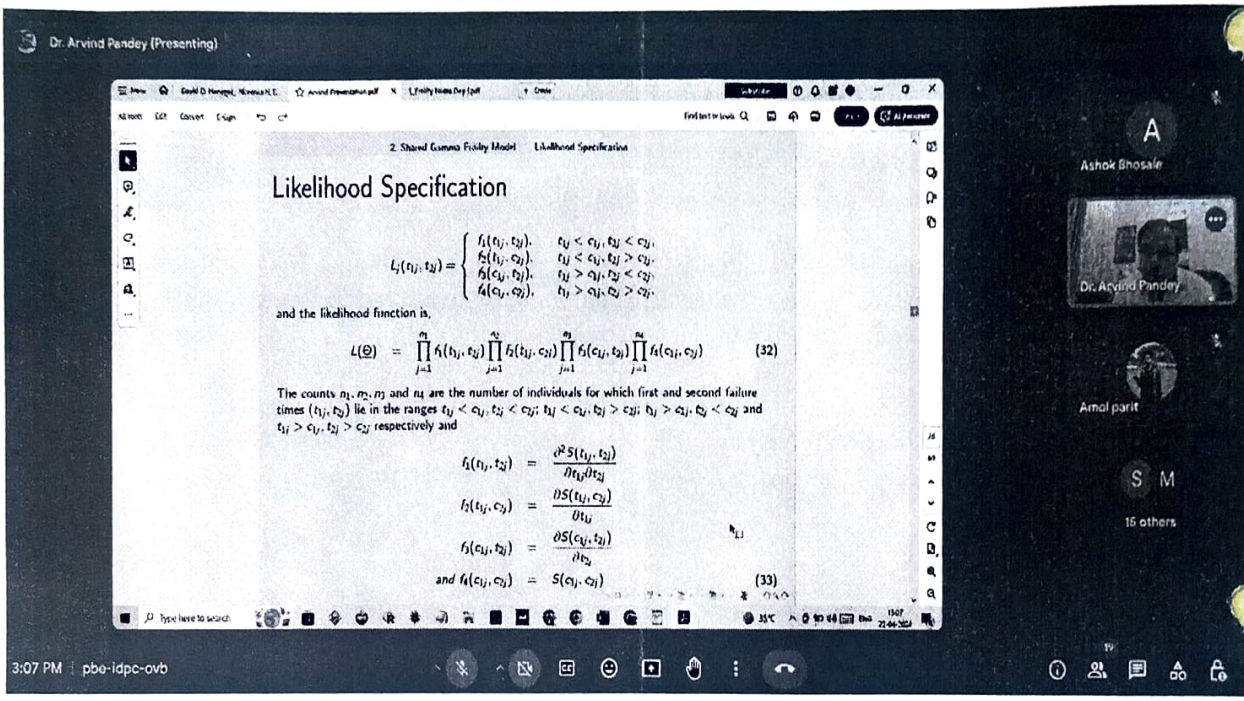
- **Outcomes:**

After the guest lecture students,

- Understood the need of Survival Analysis.
- Learned the concepts like frailty models, testing shared frailty in Survival Analysis.







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