

“ ज्ञान विज्ञान आणि सुसंस्कार यासाठी शिक्षण प्रसार ”

प. पू. शिक्षणमहर्षि डॉ. बापुजी साळुंखे

**Vivekanand College Kolhapur (Autonomous)**

**Department of Statistics**


**Notice regarding Guest Lecture**

**Date: - 05/10/2024**

All students of the Department of Statistics are hereby informed that there will be a guest lecture on **“Bootstrap Method”** by Dr. Barale M. S. Assistant Professor, Department of Statistics, Central University, Rajasthan. on 7<sup>th</sup> October 2024 from 11:30 am in the Department of Statistics, Vivekanand College, Kolhapur

Note: The attendance of students is compulsory.



  
**Mrs. V. C. Shinde**  
**HEAD**  
**DEPARTMENT OF STATISTICS**  
**VIVEKANAND COLLEGE, KOLHAPUR**  
**(EMPOWERED AUTONOMOUS)**

"ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार"

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**Vivekanand College, Kolhapur**

(Empowered Autonomous)

**Department of Statistics**

**Attendance**

**Subject: Guest Lecture on "Bootstrap Method"**

**Day and Date: 7<sup>th</sup> October 2024**

**Time: 11.30 am onwards**

Sr. No.	Roll No.	Name of the student	Class	Signature
1	1607	Peadnya S. Kumbhaze	MSc-II	<u>Pkumbhaze</u>
2	1609	Harshada P. Mahadik	MSc II	<u>Hmc</u>
3	1413	Samiksha M. Thorat	MSc II	<u>Samiksha</u>
4	1404	Darshan S. Kanike	MSc-II	<u>Darshan</u>
5	1617	Pallavi S. Tele	MSc II	<u>Ptele</u>
6	1512	Sward Swapnali S	MSc I	<u>Sward</u>
7	1501	Sushmita A. Bhosale	M.Sc I	<u>Bhosale</u>
8	1508	Pronali K. Mane	M.Sc I	<u>Pmane</u>
9	1314	Neha A. Modgekar	MSc I	<u>Nmodgekar</u>
10	1602	Nirupama Desai	M.Sc II	<u>NDesai</u>
11	1412	Sayali Shinde	M.Sc II	<u>Sshinde</u>
12	1408	Pratiksha Patil	M.Sc II	<u>PPatil</u>
13	1618	Asmita Yadav	M.Sc II	<u>Ayadav</u>
14	1403	Pankaj P. Jadhav	MSc-II	<u>P-Jadhav</u>
15	1407	Prajakta K. Patil	MSc II	<u>Ppatil</u>
16	1405	Saloni S. Kurade	MSc II	<u>Skurade</u>
17	1613	Srushti A. Patil	MSc II	<u>SAPatil</u>
18	1402	Vinayak G. Chougule	MSc II	<u>VChougule</u>
19	1410	Swapnil Y. Patil	MSc II	<u>SWP</u>
20	1601	Aditya K. Dalavi	MSc II	<u>AD</u>
21	1322	Shivraj S. Salate	M.Sc-I	<u>Shivraj</u>
22	1310	Vaibhav Chintant Kore	M.Sc-I	<u>VKore</u>
23	1311	Vaibhav Sudheer Lokhande	M.Sc-I	<u>VSLokhande</u>
24	1317	Tejus Balvant Patil	MSc-I	<u>TPatil</u>

25	1318	Truphi Vijay Patil	MSC-J	<del>Patil</del>
26	1308	Dnyaneshwasi N. Khade	-11-	<del>Khade</del>
27	1301	Shital Ramesh Daware	-11-	<del>Shital</del>
28	1507	Chaitali Gundesh Magdum	-11-	<del>CJA</del>
29	1510	Vinays Vijaynath Patil	-11-	<del>Vinays</del>
30	1505	Swapnali P. Jadhav	-11-	<del>SPJ</del>
31	1309	Maheshwari. P. Kore	-11-	<del>Pore</del>
32	1503	Rohan Balu Gurav	MSC-T	<del>RR Gurav</del>
33	1304	Shivtej Ramesh Jawade	M.Sc-I	<del>Shivtej</del>
34	1307	Gaurav Ashok Keshkar	M.Sc-I	<del>Gg</del>
35	1312	Prajwal Anil Mane	M.Sc-I	<del>Mane PA</del>
36	1319	Shivam Raju Pawar	M.Sc-I	<del>Shivam</del>
37	1511	Priyanka Balu Mali	-11-	<del>Priyanka</del>
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"Education for Knowledge, Science and Culture"  
-Shikshanmaharshi Dr. Bapuji Salunkhe  
**Shri Swami Vivekanand Shikshan Sanstha's**  
**VIVEKANAND COLLEGE, KOLHAPUR**  
(EMPOWERED AUTONOMOUS)



**DEPARTMENT OF STATISTICS**  
**Online Guest Lecture**  
**on**  
**"Bootstrap Method"**

- **Aim:** To learn about 'Bootstrap Method'.

- **Objectives:**

- 1) To understand the concept of bootstrapping as a resampling technique for estimating the distribution of a statistic.
- 2) Applying bootstrap methods using programming languages like R or Python on real datasets.
- 3) Learn to interpret and communicate the results effectively.
- 4) To compare bootstrapping with traditional statistical methods.

- **Time & Date:** Monday 7<sup>th</sup> ~~octo~~ 2024 (At 11.30 am onwards)

- **Venue:** Department of Statistics

- **Resource Person:** Dr. M.S. Barale, Assistant Professor, Department of Statistics, Central University, Rajasthan.

- **Number of Students** – 38      **Number of Teachers:** 3

- **Brief description:**

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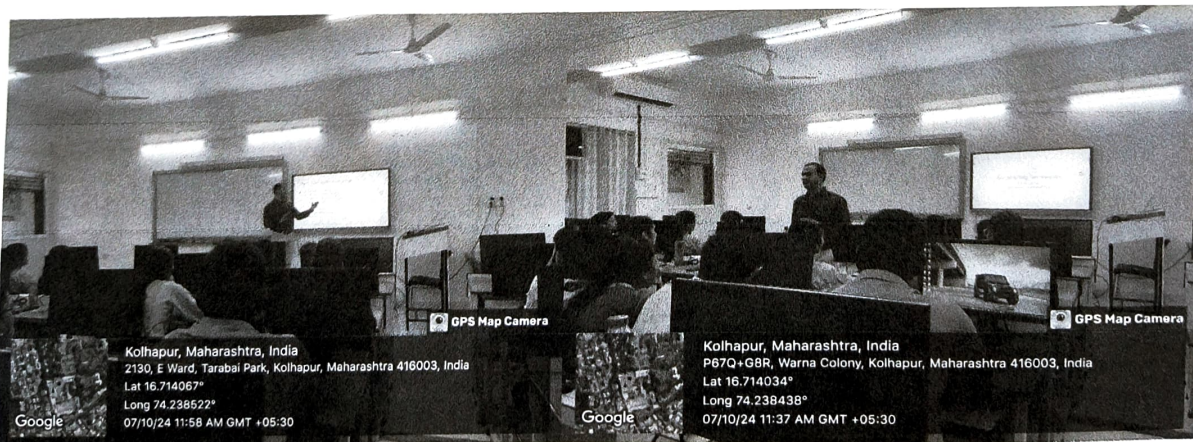
Dr. M.S. Barale, Assistant Professor, Department of Statistics, Central University, Rajasthan, delivered lecture on **Bootstrap Method** held on 4<sup>th</sup> October, 2024. In his lecture, he explained the concept and uses of resampling methods and also explained Bootstrap method. He elaborated on applications, and advantages, particularly for estimating confidence intervals and standard errors without relying on traditional assumptions. Also, he focused on the flexibility of Bootstrap method in real-world data analysis.

The vote of thanks was presented by Mr. A. B. Bhosale.

- **Outcomes:**

After the guest lecture students,

- Understood the concept and process of bootstrapping for resampling data.
- Apply the Bootstrap Method to estimate statistics, confidence intervals, and standard errors.
- Recognize the method's flexibility and usefulness in non-parametric statistical analysis.



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