

“ ज्ञान विज्ञान आणि सुसंस्कार यासाठी शिक्षण प्रसार”

प. पू. शिक्षणमहर्षि डॉ. बापुजी साळुंखे

Vivekanand College Kolhapur
(An Empowered Autonomous Institute)

Department of Statistics

Notice regarding Guest Lecture

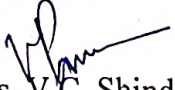
Date: - 13/09/2025

All students of B. Sc. III, M.Sc. I & M.Sc. II of the Department of Statistics are hereby informed that there will be guest lectures on “**Artificial Neural Networks: Models, Training and Regression Applications**”, by Prof. (Dr.) D. N. Kashid, Former Head, Department of Statistics, Shivaji University, Kolhapur.

The details of the lectures are as follows:

Day	Date	Time	Venue
Monday	15th September 2025	3:00 PM Onwards	Department of Statistics
Tuesday	16th September 2025	9:30 AM Onwards	Department of Statistics

Note: The attendance of students is compulsory.


Mrs. V.C. Shinde

HEAD
DEPARTMENT OF STATISTICS
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)



“Dissemination of Education for Knowledge, Science and Culture”

-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

VIVEKANAND COLLEGE, KOLHAPUR

(An Empowered Autonomous Institute)



DEPARTMENT OF STATISTICS

Guest Lecture

on

“Artificial Neural Networks: Models, Training & Regression Applications”

Aim: To understand the structure, functioning, and applications of Artificial Neural Networks (ANN) in modelling and regression analysis.

Objectives:

1. To learn the basic architecture and working principles of neural network models.
2. To study how ANNs are trained and applied for regression and prediction tasks.

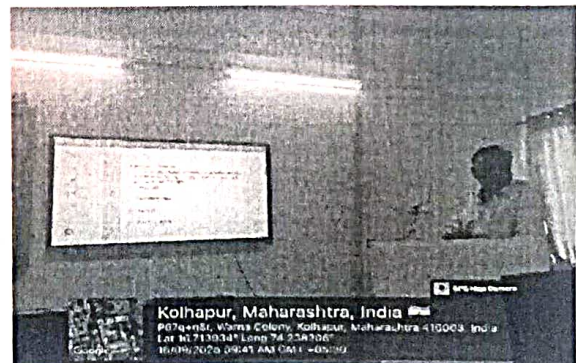
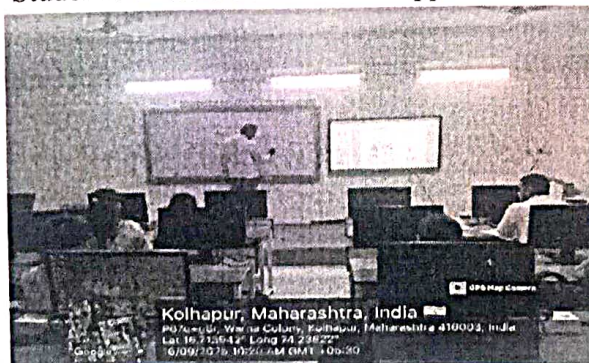
- **Time & Date:** 15th & 16th September 2025 (At 3.00 pm & 9.30am respectively)
- **Venue:** Department of Statistics
- **Resource Person:** Prof. (Dr.) D.N. Kashid, Former Head, Department of Statistics, Shivaji University, Kolhapur
- **Number of Students:** 29 (18 girls and 11 Boys)
- **Number of Teachers:** 6
- **Brief description:**

Guest Lecture on “Applications of Support Vector Machine” by Prof. (Dr.) D.N. Kashid, Former Head, Department of Statistics, Shivaji University, Kolhapur, held on September 15 & 16, 2025. In his lecture, he explained the basic concept and structure of Artificial Neural Networks (ANN), focusing on how they function through interconnected layers of neurons. He described the McCulloch-Pitts model as the foundation of modern neural networks and discussed its working mechanism. He also explained the training process, including weight adjustment and error minimization techniques, to enhance model performance. Additionally, he highlighted the applications of ANNs in regression and prediction tasks and shared examples of their use in solving real-world data problems. The vote of thanks was presented by Mr. A.B. Bhosale.

- **Outcomes:**

After the guest lecture students,

- Students gained a clear understanding of how SVM models classify and separate data effectively.
- Students understood real-world applications of SVM in various research fields.



V. C. Shinde

Mrs. V. C. Shinde

HEAD

DEPARTMENT OF STATISTICS
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

“ ज्ञान विज्ञान आणि सुसंस्कार यासाठी शिक्षण प्रसार ”

प. पू. शिक्षणमहर्षि डॉ. बापुजी साळुंखे

Vivekanand College, Kolhapur (An Empowered Autonomous Institute)

Department of Statistics

Attendance Sheet

Guest Lecture: Artificial Neural Networks: Models, Training and Regression Applications

Date: - 15/09/2025 & 16/9/2025

Time: 3.00pm onwards

Sr. No.	Name	Class	Sign 15/9/25	16/9/25
1	Sadhana Sanjay Singh	M.Sc - I		
2	Sanjivani Rajaram Kamble	M.Sc - I		
3	Vaibhavi Rajaram Medhe	M.Sc. I		
4	Samiksha Vasant Patil	M.Sc I		
5	Krushna C. Petkar.	M.Sc. I		
6	Malaprabha Mahadev Patil	M.Sc. I		
7	Aniket Bajrang Ghinde	M.Sc - I		
8	Harshil Dilip Patil	M.Sc I		
9	Dnyaneshwari N. Khade	M.Sc. II		
10	Shital Ramesh Daware	- II -		
11	Maheshwari. P. Kore	- II -		
12	Vinaya Patil	- II -		
13	Neha A Modgekar	- II -		
14	Pratiksha Prakash Patil	- II -		
15	Rohan Balu Gurav	M.Sc - II		
16	Prathmesh Ningappa Hammurkar	M.Sc - II		
17	Shiray Subhash Salake	—		
18	Vaibhav Sudheer Lokhande	—		
19	Ummeaiman V. Mujawar	—		
20	Dhanashri R. Chavan	—		

Sr. No.	Name	Class	Sign 15/9/25	16/9/25
21	Vasadayinee Ghadge	MSc-I	<u>Ghadge</u>	<u>Ghadge</u>
22	Poachi Uday Lathe	MSc-II	<u>Dalatre</u>	<u>Dalatre</u>
23	Vaibhaw Shankant Kore	-I-	<u>Kore</u>	<u>Kore</u>
24	Shivtej Ramesh Jawale	-I-	<u>Jawale</u>	<u>Jawale</u>
25	Shital Shivaji Patil	MSc I	<u>Patil</u>	<u>Patil</u>
26	Hardik Dilip Patil	MSc I	<u>Patil</u>	<u>Patil</u>
27	Prajwal Anil Mane	M.Sc-II	<u>Mane PA</u>	<u>Mane PA</u>
28	Malaprabha Mahadev Patil	M.Sc-I	<u>Patil</u>	<u>Patil</u>
29	Ganesh Ashok Keskar	M.Sc-II	<u>Ganesh</u>	<u>Ganesh</u>
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				