" 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

DEPARTMENT OF STATISTICS
VIVEKANAND COLLEGE, KOLHAPU
(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

"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:

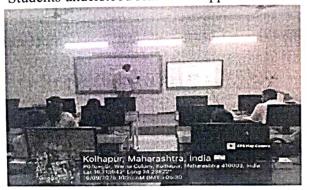
- 1. To learn the basic architecture and working principles of neural network models.
- 2. To study how ANNs are trained and applied for regression and prediction tasks.
 - Time & Date: 15th & 16th September 2025 (At 3.00 pm & 9.30am respectively)
- Venue: Department of Statistics
- Resource Person: Prof. (Dr.) D.N. Kashid, Former Head, Department of Statistics, Shivaji University, Kolhapur
- Number of Students: 20(18 girls ang 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.





VIVEKANAND COLLEGE, KOLHAPUR (EMPOWERED AUTONOMOUS)

" ज्ञान विज्ञान आणि सुसंस्कार यासाठी शिक्षण प्रसार" प. पू. शिक्षणमहर्षि डॉ. वापुजी 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 4 16/9/2025 Time: 3.00pm onwards

5/09/2025 4- 16/9/2025	1 me. 5.00	pmonwards	
Name	Class	Sign 15 9/25	1619125
Sadhana Sanjay Singh	M.SC-I	(Zaing)	Gairy
Sanjivani Rajaram Kamble	M.Sc-I	Tayeaformel	pyrofinity
Vaibhavi Rajaram Medhe	M.Sc. I	SINC	Asing
Somiksha Vasant Patil	M.Sc I	Detil_	Etd
Krushna C. Petkan.	MSc. I	koleta	Kelebe
Malaprabha Mahader Patil	M.Sc. I	Mattl .	MPatel
Aniket Bajrang Chinde	M.SC-I	ABR.	AD82
Haradak Dilip Pattl	M.SC I	Star'	Swi /
Dnyaneshwazi N. Khade	M.SC.II		Those.
shital Ramesh Davaz	_11	Bild	Diluto
Maheshwari. P. Kore	-11-	Roc	Box
Vinaya Patil	-11-	Varaya	Vahaya
Neho A modgekæ	-11-	Husodackos	Amodgeka
Profiksha Prakash Pofil	-11-	即	PHI
Rohan Balu Gurav	M5 (- II	Resay:	RBusay.
	M8C-I	RNA	RNA
		Bure	Bere
9		Buj	Bul
Ummeaiman V. Mujawar		Mujavar	Muyana
Dhanashri R. Chavan			Rchavan
	Sadhana Sanjay Singh Sanjivani Rajaram Kamble Vaibhavi Rajaram Medhe Samiksha Vasant Patil Krushna C. Petkaz. Malaprabha Mahadev Patil Aniket Bajrang Chinde Handik Dilip Patll Dnyaneshwazi N. Khade Shital Ramesh Davaz Maheshwari. P. Kore Vinya Patil Neho A Modgekaz Protiksha Poakash Pohil Rohan Balu Gurav Prathmesh Hingappa Hammuska Shirozy subharh Salake Vabhar Sudheer Jokhande Ummeaiman V. Mujawar	Name Sadhana Sanjay Singh Sanjivani Rajaram Kamble Waibhavi Rajaram Kamble Misc. I Vaibhavi Rajaram Medhe Misc. I Samiksha Vasant Pati) Krushna C. Petkar. Malaprabha Mahadev Patil Misc. I Malaprabha Mahadev Patil Misc. I Aniket Bajrang Chinde Misc. I Dnyaneshwari N. Khade Misc. I Dnyaneshwari N. Khade Misc. I Dnyaneshwari P. Kore Maheshwari P. Kore Vinya Patil Neho A Modgekae Protiksha Poakash Pohl Rohan Balu Gurav Misc. II Protiksha Poakash Pohl Rohan Balu Gurav Misc. II Prathmesh Hinnappa Hammuska Misc. II Shirray subhar Salake Vabhar Sudheer Johande Venmeaiman V. Mujawar Venmeaiman V. Mujawar	Sadhana Sanjay Singh Sanjivani Rajaram Kamble Vaibhavi Rajaram Medhe Samiksha Vasant Patti Krushna C.Petkar. M.Sc. I Molta Malaprabha Mahadev Pati M.Sc. I Miket Bajrang Chinde Handlik Oilip Patti Dnyaneshwari N. Khade Shital Ramesh Davač Shital Ramesh Davač Maheshwari P. Kore Vinaya Patil Neho A Modgetae Protiksha Podkash Poti Rohan Balu Gurav Prathmesh Hingappa Hammuslar Prathmesh Hingappa Hammuslar Sudhan Sudheer Lothande Vinaya Sudhan Sudheer Vinaya Sudhan Sudheer Lothande What Sudheer Lothande Winaya Sudhan Sudheer Lothande

1	Name	Class	Sign [5 9 2 5	16/9/25
Sr. No		MCIT	Stragge 3	ghadge
21	Varadayinee Ghadge	MSC-TE		Talatane
22	Prachi Uday Lathe	1-13(-11-	18 and	Jose -
23	vaibhow shrikant kore	-1-	Sandle	Sarale
24	Shivtej Ramesh Jawale	MSCI	7	ssfati.
25	Shital snivaji patil	Ms.CI		Watil.
26	Hardik Dilip Pari)		Mare PA	Manera
27	Prajual Apil Mane	141.2C. 11	Terre	Meril
28	Malaprophy Methoder Parti Gausen Ashok Keskar	M.SC.I	MELHO	Town
29	Gausen Ashok Keskar	M.SC-II	Our	Jan Jan
30				
31				
32				
33				
34)			
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49			,	
50				
			,	