

“ 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

Notice regarding Guest Lecture

Date: - 03/10/2025

All students of B. Sc. III, M.Sc. I & M.Sc. II of the Department of Statistics are hereby informed that there will be a guest lecture on **“Applications of Support Vector Machine”**, by Prof. (Dr.) D. N. Kashid, Former Head, Department of Statistics, Shivaji University, Kolhapur on 4th October, 2025 at 3:00 pm in the Department of Statistics.

Note: The attendance of students is compulsory.

Dr. Ashu
Mrs. V.C. Shinde

HEAD
DEPARTMENT OF STATISTICS
VIVEKANAND COLLEGE, KOLHAPUR
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DEPARTMENT OF STATISTICS

Guest Lecture

on

“Applications of Support Vector Machine”

Aim: To understand the concept, working, and applications of Support Vector Machines (SVM) in data analysis and research.

- **Objectives:**

1. To learn how SVM can be used for classification and prediction tasks.
2. To understand the role of kernel functions in handling linear and non-linear data.

- **Time & Date:** 4th October 2025 (At 3.00 pm)

- **Venue:** Department of Statistics

- **Resource Person:** Prof. (Dr.) D.N. Kashid, Former Head, Department of Statistics, Shivaji University, Kolhapur

- **Number of Students:** 34 (23 girls and 11 Boys)

- **Number of Teachers:** 6

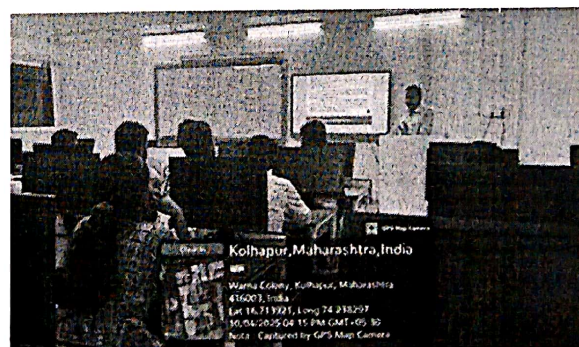
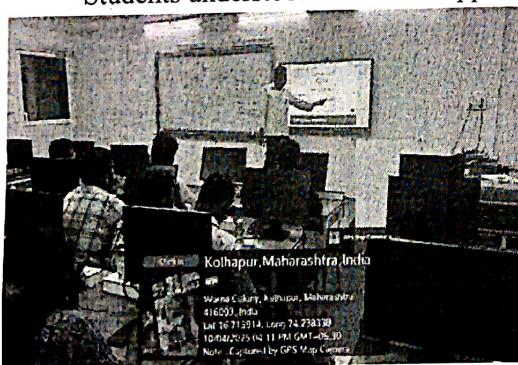
- **Brief description:**

Guest Lecture on “Applications of Support Vector Machine” by Prof. (Dr.) D.N. Kashid, Former Head, Department of Statistics, Shivaji University, Kolhapur, held on October 4, 2025. In his lecture, he explained the basic concept and applications of Support Vector Machines (SVM) and the essential steps to implement them effectively. He distinguished between linear and non-linear SVMs, explaining how to select suitable kernel functions for different datasets. He discussed their applications in areas like image recognition, text classification, bioinformatics, and finance. He also demonstrated the use of tools like Python and R for building and evaluating SVM models and shared his personal experiences related to applying SVMs in real-world research projects.

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.



Mrs. V. C. Shinde

HEAD

DEPARTMENT OF STATISTICS
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‘EMPOWERED AUTONOMOUS’



"ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार"

शिक्षणमहर्षी डॉ. बापूजी साळुंखे

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur

(An Empowered Autonomous Institute)

Department of Statistics

Attendance

Subject: Guest lecture on "Applications of Support Vector

Date: 4th October 2025 Machine" Time: 3.00 pm onwards

Resource Person: Dr. D.N. Kashid.

Sr. No.	Name	Class	Signature
1	Malaprabha Mahadev Patil	M.Sc. I	<u>MPatil</u>
2	Vaibhavi Rajaram Medhe	M.Sc. I	<u>V Medhe</u>
3	Podhiksha Prakash Patil	M.Sc. II	<u>PPatil</u>
4	Neha Apayya Modgekar	M.Sc. II	<u>Nmodgekar</u>
5	Akshata Ravindra Patil	M.Sc. II	<u>APatil</u>
6	Dnyaneshwari N. Khade	M.Sc. II	<u>NKhade</u>
7	Vinaya Vijaynath Patil	M.Sc. II	<u>VPatil</u>
8	Maheshwari. P. Kore	M.Sc. II	<u>PKore</u>
9	Ummeaiman. U. Mujawar	M.Sc. I	<u>UMujawar</u>
10	Swapnali P. Pandurang Jadhav	M.Sc. II	<u>SPJadhav</u>
11	Prachi Uday Latane	M.Sc. II	<u>PLatane</u>
12	Pranali Kumar Mane	M.Sc. II	<u>PMane</u>
13	Priyanka Balu Mali	M.Sc. II	<u>PMali</u>
14	Dhanashri. R. Chavan	M.Sc. II	<u>DChavan</u>
15	Chaitali G. Magdum	M.Sc. II	<u>GM</u>
16	Namrata R. Katkar	M.Sc. II	<u>NRK</u>
17	Ganivani Rajaram Kamble	M.Sc. I	<u>GKamble</u>
18	Varadayinee Ghadge	M.Sc. I	<u>VGhadge</u>
19	Sadhana Singh	M.Sc. I	<u>SSingh</u>
20	Shreya Pravin Patil	B.Sc. III	<u>SPatil</u>
21	Krushna Balavant Mane	B.Sc. III	<u>BMane</u>
22	Aniket Bajrang Ghinde	M.Sc. I	<u>AGhinde</u>
23	Rohan Balu Gurav	M.Sc. II	<u>RGurav</u>
24	Vaibhav Shrikant Kore	M.Sc. II	<u>VKore</u>

25	Vaibhav Sudheer Lokhande	M.Sc-II	<u>Shi</u>
25	Shivtej Ramesh Jawale	M.Sc-II	<u>Shivtej</u>
26	Shivam Raju Pawar.	M.Sc-II	<u>Shivam</u>
27	Gaurav Ashok Keshkar	M.Sc-II	<u>Gaurav</u>
28	Prajwal Anil Mane	M.Sc-II	<u>Mane PA</u>
29	Shivraj Subhash Salale	M.Sc-II	<u>Salale</u>
30	Tejas Balvant Patil	M.Sc-II	<u>Patil</u>
31	Prathmesh Ningsappa Hanmudkar	M.Sc-II	<u>Prathmesh</u>
32	Harshik Dilip Patil.	M.Sc-I	<u>Harshik</u>
33	Sumita Sandip Bhoenkar	B.Sc III	<u>Bhoenkar</u>
34	Shital Shivaji Patil	B.Sc III	<u>Shital</u>
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