

JANATA SHIKSHAN SANSTHA'S  
**KISAN VEER MAHAVIDYALAYA, WAI**  
DEPARTMENT OF GEOGRAPHY  
**One-Day Workshop on "Applications of GPS"**  
**18 March 2025**  
**Report**

A One-Day Workshop on "Applications of GPS (Global Positioning System)" was organized on 18 March 2025 at Department of Geography (C-9). Event aimed of enhancing the understanding and practical knowledge of students and faculty members regarding GPS technologies. With rapid advancements in navigation, mapping, and geolocation services, this workshop aimed to bridge the gap between theoretical learning and real-world applications. Experts from academia and industry were invited to share their insights and demonstrate the diverse uses of GPS across multiple domains.

**Aims and Objectives**

- To introduce the fundamental principles of GPS technology.
- To explore the various applications of GPS in sectors such as transportation, agriculture, surveying, and disaster management.
- To provide hands-on exposure to GPS tools and devices.
- To promote interdisciplinary learning through interactive discussions.
- To encourage research and innovation in the field of geospatial technology.

**Session 1: Fundamentals of GPS**

- Speaker: Dr. Pravin Jadhav, Head, Department of Geography, LBS College, Satara
- Topics Covered:
  - History and development of GPS
  - Satellite constellations and signal processing
  - Accuracy and limitations of GPS

**Session 2: Technical Session II – GPS Applications in Real Life**

- Speaker: Ms. Dhanashree Karale, GIS Expert
- Topics Covered:
  - Use of GPS in logistics and transportation
  - Smart farming with GPS
  - GPS in disaster response and environmental monitoring

**Session 3: Practical Demonstration & Hands-on Training**

- Outdoor activity involving GPS devices and mobile applications
- Participants performed geotagging and basic navigation exercises

**Session 4: Interactive Q&A and Feedback Session**

- Open floor for student queries and feedback
- Discussion on career opportunities and certifications in geospatial technologies

The session concluded with a formal Vote of Thanks delivered by Ms. Manisha Shewale. Sincere appreciation was extended to the distinguished speakers, organizing team, and all participants for making the workshop a success. A special thanks was given to the management and technical staff for their support in logistics and arrangements.

**The workshop was attended by 23 students, including 12 males and 11 females. Additionally, 4 teachers participated in the workshop.**

**Output of the Workshop**

- Participants gained a foundational understanding of GPS technology and its critical role in modern society.
- Enhanced awareness of interdisciplinary applications of GPS among students.
- Improved practical skills through hands-on training with GPS devices and applications.
- Motivation among attendees to explore GPS and GIS-related research and career pathways.

  
**Head**

Department of Geography  
Kisan Veer Mahavidyalaya  
Wai, Dist. Satara  
422 003



  
**PRINCIPAL**

KISAN VEER MAHAVIDYALAYA  
Wai, Dist. Satara



जनता शिक्षण संस्थेचे

# किसन वीर महाविद्यालय, वाई



किसन महादेव वीर  
संस्थापक-अध्यक्ष  
जनता शिक्षण संस्था, वाई

E-mail : wai161.cl@unishivaji.ac.in  
Ph. (Office) : 02167-299326

ता. वाई, जि. सातारा, महाराष्ट्र पिन - ४१२ ८०३  
शिवाजी विद्यापीठ, कोल्हापूर संलग्नीत  
NAAC Accredited : B+ (CGPA 2.66)  
Website : www.kvmwai.edu.in  
oskvmwai@rediffmail.com  
prin.kvmwai@rediffmail.com  
oskvmwai@gmail.com

UDISE No. : 27311111516  
Index No. : J21.11.001

डॉ. गुरुनाथ जी. फगरे  
प्राचार्य

मोबा. नं. ९४२११०७६३५ / ९४०४१४०३७९

श्री. शंकरराव दाजीबा गाटवे  
उपाध्यक्ष  
जनता शिक्षण संस्था, वाई

श्री. मदन प्रतापराव भोसले  
अध्यक्ष  
जनता शिक्षण संस्था, वाई

संदर्भ क्र. : 86/1198

दिनांक : 07/03/2025

To,  
Dr. Praveen Jadhav  
Head, Dept. of Geography,  
LBS College, Satara

Sub.: Invitation as a Resource person for one-day workshop on Applications of GPS.

Respected Sir,

We are pleased to inform you that the Department of Geography at our college will be organizing one-day workshop on Applications of GPS on 18 March 2025. It would be an honor for us to have you as the Resource person for this event. Your vast knowledge and experience in the field of geography will certainly enhance the program.

We look forward to your presence and contribution to this special occasion.

Thanking You.

Yours Faithfully,



PRINCIPAL  
PRINCIPAL  
KISAN VEER MAHAVIDYALAYA  
Wai, Dist. Satara

Janata Shikshan Sanstha's

Kisan Veer Mahavidyalaya, Wai

Department of Geography

Organised

One-Day Workshop on

"Applications of GPS"

18<sup>th</sup> March 2025

ATTENDENCE



| Sr. No. | Student's Name            | Class   | Roll No | Gender | Sign.        |
|---------|---------------------------|---------|---------|--------|--------------|
| 1.      | Shivraj Ganpatrao Pisal   | B.A III | 1       | Male   |              |
| 2.      | Shivakumar Vilas Karanje  | B.A.III | 03      | male   |              |
| 3.      | Shamali Raju Kori         | B.A.III | 05      | female | S.R.Kori     |
| 4.      | Priyanka Shankar Phadtare | B.A.III | 06      | Female |              |
| 5.      | Ruksar Khandikuse Gadde   | B.A.III | 07      | Female | RK Gadde     |
| 6.      | Siddhi Santosh Yadav      | B.A.III | 08      | Female |              |
| 7.      | Suryawanshi Nikita Tanaji | B.A.III | 10      | Female | NTanaji      |
| 8.      | Kajal Sunil Wadkar        | B.A.III | 13      | Female | K.S.Wadkar   |
| 9.      | Suyash Dilip Patane       | BA-III  | 16      | Male   |              |
| 10.     | Santosh Sanjay Rajpure    | BA III  | 17      | Male   |              |
| 11.     | Rupesh Dinkar Mandhare    | B.A.III | 18      | Male   | R.D.Mandhare |
| 12.     | Akshada Dnyandev Shelar   | B.A.III | 21      | female |              |
| 13.     | Aditya Rahul Redake       | BA-III  | 25      | Male   |              |
| 14.     | Omkar Vishnu Kochale      | B.A.III | 22      | Male   |              |
| 15.     | Jadhav Dattatray Kisan    | B.A.III | 42      | male   |              |
| 16.     | Dalavi Samket Kishor      | B.A.III | 45      | Male   |              |
| 17.     | Jadhav Nikita Damodar     | B.A.III | 44      | Female | Nikita       |
| 18.     | Duduskar Vaibhav S        | B.A.III | 57      | Male   | V.S.D        |







जनता शिक्षण संस्थेचे

# किसन वीर महाविद्यालय, वाई



किसन महादेव वीर  
संस्थापक-अध्यक्ष  
जनता शिक्षण संस्था, वाई

E-mail : wai161.cl@unishivaji.ac.in  
Ph. (Office) : 02167-299326

ता. वाई, जि. सातारा, महाराष्ट्र पिन - ४१२ ८०३  
शिवाजी विद्यापीठ, कोल्हापूर संलग्नीत  
NAAC Accredited : B\* (CGPA 2.66)  
Website : www.kvmwai.edu.in  
oskvmwai@rediffmail.com  
prin.kvmwai@rediffmail.com  
oskvmwai@gmail.com

UDISE No. : 27311111516  
Index No. : J21.11.001

डॉ. गुरुनाथ जी. फगरे  
प्राचार्य

मोबा. नं. ९४२९९०७६३५ / ९४०४९४०३७९

श्री. शंकरराव दाजीबा गाटवे  
उपाध्यक्ष  
जनता शिक्षण संस्था, वाई

श्री. मदन प्रतापराव भोसले  
अध्यक्ष  
जनता शिक्षण संस्था, वाई

संदर्भ क्र. :

दिनांक : 18/03/2025

H.D.

To,  
Dr. Praveen Jadhav  
Head, Dept. of Geography,  
LBS College, Satara.

Sub.: Appreciation for your valuable contribution as Resource Person for the Workshop on Applications of GPS.

Respected Sir,

On behalf of the entire faculty and students of the Department of Geography, I would like to extend our sincere appreciation for your invaluable contribution as a Resource Person for the one-day workshop on "Applications of GPS" held on 18th March 2025. Your enlightening talk and valuable insights were highly appreciated by the students and faculty members. Your presence made the event truly special and inspiring for everyone involved.

Thank you for your time and support.

Yours Faithfully,

PRINCIPAL

**PRINCIPAL**  
**KISAN VEER MAHAVIDYALAYA**  
**Wai, Dist. Satara**

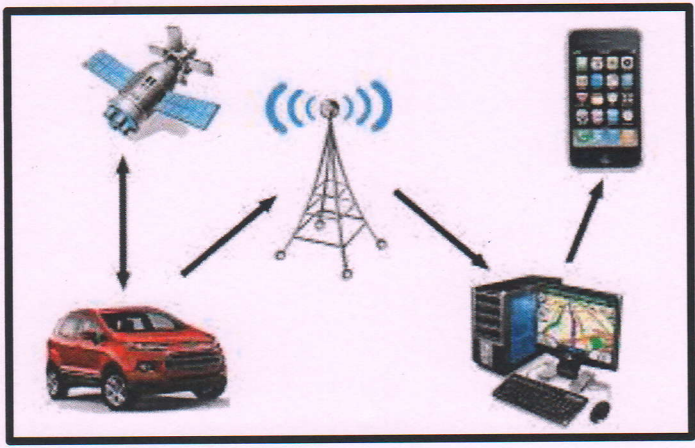




Latitude: 17.944568  
Longitude: 73.87633  
Elevation: 747.55±8 m  
Accuracy: 20.7 m  
Time: 03-18-2025 13:28  
Note: Geography Department

Powered by NoteCam

## One-Day Workshop on "Applications of GPS" 18 March 2025



### Applications of GPS tracking

|   |   |  |
|---|---|--|
| <p><b>1 Logistics</b><br/>Access Real-Time Location and Route History of your fleet.</p>                  | <p><b>2 Municipals</b><br/>Track each and every vehicle separately on a single platform</p> | <p><b>3 Rental cars</b><br/>Calculate the distance covered and corresponding fare accurately</p>             |
| <p><b>4 Construction</b><br/>Provide quick maintenance in case of any breakdown reducing the downtime</p> | <p><b>5 Drones / UAV</b><br/>Get instant alerts anytime your device goes out of range</p>   | <p><b>6 Delivery boys</b><br/>Reports on the basis of criteria such as delivery time, stoppages made etc</p> |